FOLSOM LAKE COLLEGE

2026-2027

FOLSOM LAKE COLLEGE

LOS RIOS COMMUNITY COLLEGE DISTRICT

CATALOG

Folsom Lake College

2026-2027 Official Catalog

Publication Date: August 1, 2026

Disclaimer

Every effort has been made to ensure that what is stated in this catalog is accurate. The courses and programs we offer, together with other information contained in this online catalog, are subject to change without notice by the administration of the Los Rios Community College District and Folsom Lake College for reasons related to student enrollment, level of financial support, or for any other reason, at the discretion of the district and Folsom Lake College. The district and Folsom Lake College further reserve the right to add, amend, or repeal any of their rules, regulations, policies, and procedures.

Additional information can be found on the Los Rios Community College District website (https://losrios.edu) and Folsom Lake College website (https://FLC.losrios.edu).

Folsom Lake College
(916) 608-6500
10 College Parkway
Folsom, CA 95630

El Dorado Center
(530) 642-5644
6699 Campus Drive
Placerville, CA 95667

Rancho Cordova Center
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Rancho Cordova, CA 95670

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Introduction

How to Use This Catalog

This catalog is an important resource for planning your education at Folsom Lake College. We encourage you to become familiar with its academic requirements, policies, programs, and student resources.

Every effort has been made to ensure the information is accurate as of the publication date. However, courses, programs, requirements, policies, and procedures may change without notice due to enrollment, funding, government requirements, or other circumstances. The Los Rios Community College District and Folsom Lake College reserve the right to add, amend, or repeal this information as needed.

Current Information and Catalog Updates

The catalog website (https://flc.losrios.edu/catalog) contains the most current catalog information. Significant changes – such as new courses, programs, or regulations – may also be published as catalog updates, typically in September or November, or whenever a critical update is necessary.

Career Education Updates

Requirements for career education programs may change in response to state, regional, or federal regulations. Students in these programs should meet regularly with a counselor to confirm current requirements.

About Folsom Lake College

Since 2004, Folsom Lake College has provided exceptional educational opportunities to the diverse communities of eastern Sacramento and western El Dorado counties. The college serves over 11,000 students at the Main Folsom campus, the El Dorado Center in Placerville, the Rancho Cordova Center, and online.

Folsom Lake College is committed to enriching and empowering students by bridging knowledge, experience, and innovation. FLC offers educational opportunities and support for students to transfer to four-year institutions, to improve foundational skills, to achieve career goals, and to earn associate degrees or certificates.

Mission, Vision, and Values

Our Vision

Folsom Lake College opens minds and doors through the power of education, inspiring all students to become socially responsible members of society.

Our Mission

Embracing knowledge, experience, equity, and innovation, Folsom Lake College enriches and empowers students to contribute to their communities.

Folsom Lake College, serving the diverse communities of eastern Sacramento and western El Dorado counties, offers educational opportunities for students to improve foundational skills, to achieve career goals, to transfer to four-year institutions, and to earn associate degrees and certificates.

Our Commitment to Equity

Education should belong to everyone. To nourish this inclusion, FLC champions equity, diversity, social justice, and environmental sustainability as foundational to academic, campus, and community life. We work with the communities we serve toward just and fair inclusion into society in which all people can participate, prosper, and reach their full potential. We commit to equity driven decision-making, planning, and reflective processes that are responsive to the diverse identities and experiences in our community.

We seek to empower marginalized voices, nurture our many identities and social circumstances, foster cultural responsiveness, and stand against all manifestations of discrimination, including (but not limited to) those based on: ability or disability, age, pregnancy or reproductive status, body type or size, physical or mental health status, neurodiversity, ancestry, ethnicity, citizenship or immigration status, language, race or racial identity, national origin, economic status, incarceration experience, educational status, employment status, food or housing insecurity, military or veteran status, marital or partner status, gender, gender identity, gender expression, sex, sexual orientation, political affiliation, and/or religion.

Our Land Acknowledgment Statement

We respectfully acknowledge the land currently occupied by Folsom Lake College as the traditional home of the sovereign Nisenan, Maidu, and Miwok peoples who have a unique and enduring relationship stewarding this land since time immemorial. Despite colonization, occupation, and genocide, the Nisenan, Maidu, and Miwok people continue and thrive in their resilience and self-determination. We celebrate and recognize our Nisenan, Maidu, and Miwok tribal neighbors and honor their sustained existence.

Vision and mission statements approved by the Los Rios Community College District Board of Trustees on March 16, 2022. Equity Statement adopted by FLC in Fall 2021. Land Acknowledgment Statement adopted by FLC in Spring 2021.

Accreditation

The Los Rios Community College District consists of four comprehensive, public California community colleges: American River College, Cosumnes River College, Folsom Lake College, and Sacramento City College. Folsom Lake College is accredited by the Accrediting Commission for Community and Junior Colleges (ACCJC) of the Western Association of Schools and Colleges, an institutional accrediting body recognized by the Council of Higher Education Accreditation and the US Department of Education. The Folsom Lake College educational centers are fully accredited under the college's accreditation status.

Program Accreditation and Regional Memberships

Emergency Medical Technology (EMT)

The Emergency Medical Technician Training Program (EMT) (https://flc.losrios.edu/academics/programs-majors/emergency-services) is accredited by the Sacramento County Emergency Medical Services Agency (https://dhs.saccounty.gov/pub/ems/Pages/EMS-Home.aspx).

Medical Laboratory Technician (MLT)

The medical laboratory technician (MLT) program (https://flc.losrios.edu/academics/programs-majors/medical-laboratory-technician) is accredited by the California Department of Public Health (CDPH) (https://www.cdph.ca.gov/), Laboratory Field Services (LFS) (https://www.cdph.ca.gov/Programs/OSPHLD/LFS/Pages/Home.aspx), and the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) (https://naacls.org/).

Nurse Assistant

The nurse assistant program (https://flc.losrios.edu/academics/programs-majors/nursing) is accredited by the California Department of Public Health (CDPH) (https://www.cdph.ca.gov/).

College and University

The University of California, California State University system, and all other accredited colleges and universities give full credit for appropriate courses completed at Folsom Lake College. The college holds institutional memberships in the American Association of Community and Junior Colleges (AACC) (https://www.aacc.nche.edu/) and the Community College League of California (https://www.ccleague.org/).

Board of Trustees and Chancellor

The Board of Trustees is the governing body of Los Rios Community College District and is responsible for the educational, physical, and financial well-being of the district. The board also sets legal policy for the district.

The board is composed of seven board members who are elected to four-year terms by registered voters. The board also includes a non-voting student trustee who is elected by students.

Board members:

- Dr. Colette Harris-Mathews
- Mr. Dustin Johnson
- Mr. Robert Jones
- Mr. John Knight
- Ms. Tami Nelson
- Ms. Deborah Ortiz
- Ms. Kelly Wilkerson
- Student Trustee

Chancellor: Dr. Torence Powell

Getting Started

Academic Calendar

Fall 2026

Fall 2026 starts August 22, 2026, and ends December 17, 2026.

Date	Action/Event
August 22	Instruction begins
September 7	Holiday – Labor Day (no classes; offices closed)
October 2	Last day to petition for graduation/certification
November 11	Holiday – Veterans Day (no classes; offices closed)
November 26 to 29	Holiday – Thanksgiving Recess
December 17	End of semester
January 4, 2027	Grades due

Spring 2027

Spring 2027 starts January 16, 2027, and ends May 20, 2027.

Date	Action/Event
January 16	Instruction begins
January 18	Holiday – Martin Luther King, Jr.'s Birthday (no classes; offices closed)
February 12	Holiday – Lincoln's Birthday (no classes; offices closed)
February 15	Holiday – Washington's Birthday (no classes; offices closed)
March 5	Last day to petition for graduation/certification
March 15 to 21	Holiday – Spring Recess (no classes; offices remain open)
March 31	Farmworkers Day
May 20	End of semester
May 27	Grades due

Summer 2027

Summer 2027 starts June 7, 2027, and ends August 5, 2027.

Date	Action/Event
June 7	Instruction begins
June 18	Holiday – Juneteenth (no classes; offices closed)
July 5	Holiday – Independence Day (no classes; offices closed)
July 2	Last day to petition for graduation/certification
August 5	End of semester
August 10	Grades due

How to Enroll

Apply Now

Guarantee your admission to Folsom Lake College by completing the online application to Folsom Lake College (https://www.opencccapply.net/cccapply-welcome?cccMisCode=234).

Note: You must submit a new application any time you have a break of enrollment where you do not attend for a year or more.

When applying to one college in the Los Rios Community College District, you are able to enroll in all four colleges (American River College, Cosumnes River College, Folsom Lake College, and Sacramento City College).

Save Money

To qualify for the Los Rios Promise and other programs, fill out the Free Application for Federal Student Aid (FAFSA) or the California Dream Act Application (CADAA). Learn how to save money with financial aid (https://flc.losrios.edu/save-money).

Other Admissions Tips

- Most students are placed automatically into English and mathematics courses that match their skill level at the time of application. If you have not graduated from high school, did not attend a US high school or adult school, or have not received a placement after you applied, learn about our placement process (https://flc.losrios.edu/placement-process) or about Placement (https://flc.losrios.edu/placement) generally. English as a Second Language (ESL) assessment testing is still available via assessment testing (https://flc.losrios.edu/admissions/placement/assessment-testing).
- Participate in orientation for new students (https://flc.losrios.edu/admissions/orientation).

Challenges to Matriculation Process

Students can elect to not participate or be exempt from most or parts of the matriculation process based on the following criteria:

1. The student has completed an associate degree or higher.
2. The student satisfies at least two of the following:
    - The student has identified a goal of upgrading job skills
    - The student has enrolled for fewer than 12 units
    - The student is concurrently enrolled in another post-secondary institution
    - The student has declared no degree or occupational objective

Participation in matriculation activities does not provide enhancement in priority registration and students who elect not to participate in these activities will not receive a less favorable priority registration date as a result. Matriculation activities are intended to promote student success and Los Rios encourages students to participate.

Submit Transcripts and Test Scores

Official Transcripts and Test Scores

Folsom Lake College does not require official transcripts from institutions outside of the Los Rios Community College District as a condition of admission to the college or to award a degree or certificate that has been earned without inclusion of credit from external institutions.

Official transcripts are required to apply credit earned outside of the Los Rios Community College District (transfer credit) towards a degree or certificate at Folsom Lake College.

Official transcripts may be required in other circumstances, such as to receive veteran's educational benefits, to participate in intercollegiate athletics, or to receive certain financial aid awards for those who have applied.

Students who have completed examinations for college credit such as Advanced Placement (AP), International Baccalaureate (IB), or College-Level Examination Program (CLEP) must submit official scores to Folsom Lake College to apply applicable credit to their program of study. For more information about how these scores may be applied, see Credit for Prior Learning and Alternative Study Options (https://flc.losrios.edu/2025-2026-catalog-development/while-you-are-here/credit-for-prior-learning-and-alternative-study-options).

All records submitted become the property of the college and will not be returned to the applicant.

Official transcripts can be mailed directly from the college or university. If students submit official transcripts, the official transcripts must remain in their original, unopened envelopes. Mail official transcripts and test scores to:

Folsom Lake College
Attn: Evaluations
10 College Parkway
Folsom, CA 95630

Official transcripts can also be sent electronically to evaluations@flc.losrios.edu, but they must come directly from the college or university. Official transcripts submitted to Folsom Lake College become the property of the college; official copies will not be returned to the student.

Transfer Credit Acceptance

We accept coursework from colleges and universities that are accredited by the following regional bodies:

- Accrediting Commission for Community and Junior Colleges, Western Association of Schools and Colleges (ACCJC)
- Higher Learning Commission (HLC)
- Northwest Commission on Colleges and Universities (NWCCU)
- Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)
- Middle States Commission on Higher Education (MSCHE)
- New England Commission of Higher Education (NECHE)
- WASC Senior College and University Commission (WSCUC)

We do not accept coursework that is remedial or post-baccalaureate in nature. Transfer credit may not be reflected on your records, but it is kept on file for use in completion of degrees or certificates.

Foreign Transcript Evaluation

Students who want to use coursework from a foreign college or university need to have their transcript(s) evaluated. We do not give credit for coursework that is from high school, remedial, or post-baccalaureate in nature.

We accept transcript evaluations from companies that are current members of National Association of Credential Evaluation Services (NACES) (https://www.naces.org/members) or Association of International Credential Evaluators (http://www.aice-eval.org/) (AICE). When you get your transcript evaluated, make sure you ask for:

- A course by course evaluation
- Whether unit values are in semester or quarter units
- What coursework is lower division, upper division, or graduate level

After it is received by Folsom Lake College, the evaluation becomes property of Folsom Lake College and is treated in the same manner as an official transcript. Official copies will not be returned to the student.

Placement

English and Math Placement

Students who graduated from a US high school and included all of the requested high school information on their CCCApply application will be automatically placed in English and math courses upon admission to Folsom Lake College.

English as a Second Language (ESL) Placement

If you are still learning English, you can complete the ESL Guided Self-Placement Process online, which will place you in ESL classes that match your skill level. Your placements will immediately appear on the screen when you complete the process. Allow 24 hours for those placements to post to your eServices account. See the ESL Placement (https://flc.losrios.edu/esl-placement) page for additional information.

How to Access Your Placements

To view your placements online:

1. Log in to eServices (https://ps.losrios.edu/student/signon.html).
2. Click on **Academic Records**.
3. Click on **Placements**.

Know Your Rights: AB 705 and AB 1805 (https://flc.losrios.edu/705-1805)

Placement for Dual Enrollment Students

As part of the Dual Enrollment (Special Admit) approval process, you may submit your current unofficial high school transcript with your Special Admit Form if you plan to enroll in a math class, English class, or a class which has an English or math prerequisite for placement at the time of admission.

If you did not receive a placement, or if you completed additional high school coursework in English or math after receiving a placement, you may submit a Placement Re-Evaluation Request Form (https://flc.losrios.edu/placement-reeval) to have new placements determined.

Updating or Receiving English and Math Placements

Provide High School Information

If you graduated from a US high school, but you did not report your high school information on your application, or your high school information was not correct on your application, you can submit a Placement Re-Evaluation Request Form (https://flc.losrios.edu/placement-reeval) to receive or update your English and math course placements.

Use Guided Self-Placement

If you have foreign high school transcripts or left high school without graduating, then you are eligible to utilize the Guided Self-Placement process to determine which English course(s) to take. Complete the questions on our Placement Process (https://flc.losrios.edu/placement-process) page to get started.

After completing Guided Self-Placement, your placements will be updated in our enrollment system (eServices (https://ps.losrios.edu/student/signon.html)) the following day.

Using College Coursework or Credit for Prior Learning to Satisfy Prerequisites

Aside from placements, you may also be able to satisfy English, Math, or ESL prerequisites using outside coursework or certain test results, such as Advanced Placement (AP), International Baccalaureate (IB), or College-Level Examination Program (CLEP). Please see Prerequisite Verification and Challenge (https://flc.losrios.edu/prerequisite) for more information.

AB 705 and AB 1805

AB 705

California law (Assembly Bill 705) essentially eliminated the use of assessment tests for purposes of determining the placement of students into transfer-level math and English courses in community colleges.

Research shows that California students are far more prepared than assessment tests have acknowledged. A student's high school performance is a much stronger predictor of success in transfer-level courses than standardized placement tests.

AB 705 requires colleges to take into account high school coursework, high school grades, and high school grade point average when determining math and English placement upon enrollment.

AB 1805 – Placement and Enrollment Outcomes

Folsom Lake College wants to make sure students are placed fairly, equitably, and accurately in English, math, statistics, and English as a Second Language (ESL) courses. As part of that effort, we are making placement and enrollment data in these courses available to you.

The data includes the number of new students placed in English, math, statistics, and ESL courses, either with or without support. The information provided also includes the number of students who enrolled in transfer-level courses, transfer-level courses with support, degree-applicable math coursework, and transfer-level ESL courses.

As part of our equity and anti-racism efforts, we have included data by race and ethnicity, so you can see how students from different racial and ethnic groups placed and where they enrolled.

See Folsom Lake College English and Math Placement and Enrollment Data (https://flc.losrios.edu/2026-2027-official-catalog/getting-started/how-to-enroll/flc/main/doc/support-services/Admissions-Records/Placement-Assessment-Study-Guides/flc-placement-enrollment-data.pdf).

Admission Requirements and Procedures

Admissions Eligibility

Any person who has earned a high school diploma or the equivalent – such as a certificate of proficiency issued by the State Board of Education including a General Education Development (GED) – is eligible for admission to Folsom Lake College. Non-high school graduates 18 years of age or older who demonstrate ability to profit from a community college education may also be admitted.

There are four main types of students who attend Folsom Lake College:

First-Time College Students

First-time college students are individuals who are a high school graduates or are at least 18 years old and never attended any college (other than those who attended while in high school).

Continuing Students

Continuing students are individuals who attended classes at any Los Rios college in the term immediately prior to the next term.

Returning or Transfer Students

All students returning after an absence or transferring from a non-Los Rios college must complete an admissions application and submit official transcripts of all other college work to the Admissions and Records Office.

Special Admit Students (Dual Enrollment)

High school students who will have completed eighth grade or be at least 14 years of age by the start of classes and adult school students working on a high school diploma program may be eligible to enroll in a maximum of eleven units of community college classes each semester through Dual Enrollment program.

Admission with Transfer Credit

Students who want academic credit for courses taken outside of Los Rios Community College District at regionally accredited colleges and universities must submit official transcripts (https://flc.losrios.edu/2025-2026-catalog-development/getting-started/how-to-enroll/submit-transcripts-and-test-scores) for those courses to the Admissions and Records office.

Admission for Veterans and Dependents Using Veterans Educational Benefits

Veterans services are available to assist veterans, spouses, and children of disabled or deceased veterans who may be eligible for federal and/or state educational benefits.

Veterans and their dependents should contact Folsom Lake College's Veterans Success Center (https://flc.losrios.edu/vrc) each semester to initiate benefits. Veterans will need to provide a copy of their DD-214 and other supporting documentation. Eligibility may take several weeks to process. Eligibility is determined by the US Department of Veterans Affairs (VA).

Eligibility for Programs Eligibility for VA educational benefits can be extended to veterans, reservists, and children of service-connected deceased or disabled veterans under the following programs:

- Forever GI Bill® – Harry W. Colmery Veterans Educational Assistance Act
- The Montgomery GI Bill® (Chapter 30)
- US Department of Veterans Affairs Veteran Readiness and Employment (VR&E) (Chapter 31)
- Post-9/11 GI Bill® (Chapter 33)
- Dependents' GI Bill® (Chapter 35)
- Reservists Montgomery GI Bill® (Chapter 1606)

For more information please visit Veterans Affairs Educational Benefits (https://benefits.va.gov/gibill/).

VA requires that all credit for previous education and training is on file at Folsom Lake College. Veterans and dependents are required to submit transcripts (https://flc.losrios.edu/submit-transcripts) from other institutions before they meet with their academic counselor at Folsom Lake College. Folsom Lake College will maintain a record of the previous education and training of veterans and eligible persons – and indicate where credit has been granted, if appropriate – and the student will be notified accordingly. An evaluation of prior credit will be recorded and granted appropriately on a VA Education Plan. All recipients of VA educational benefits are required to select a major and have a VA Educational Plan on record.

In most cases, all tuition and enrollment fees, miscellaneous fees, textbooks, and class supplies are paid for by the student and not by VA. The exception is students who are using the Post 9/11 GI Bill® or Vocational Rehabilitation benefits. Students using Post 9/11 – Chapter 33, Transfer of Entitlement, Fry Scholarship, or Vocational Rehabilitation – Chapter 31 benefits must notify the Veterans Success Center immediately after they enroll each semester to avoid being dropped for non-payment.

Principles of Excellence

Folsom Lake College is a member of the White House Executive Order 13607 Principles of Excellence for Educational Institutions Serving Service Members, Veterans, Spouses, and Other Family Members. The Departments of Defense, Veterans Affairs, and Education established Principles of Excellence to apply to educational institutions receiving funding from Federal military and veterans educational benefits programs, including benefits

programs provided by the Post-9/11 GI Bill. The Principles ensure that these educational institutions provide meaningful information to service members, veterans, spouses, and other family members about the financial cost and quality of educational institutions to assist those prospective students in making choices about how to use their Federal educational benefits; prevent abusive and deceptive recruiting practices that target the recipients of Federal military and veterans educational benefits; and ensure that educational institutions provide high-quality academic and student support services to active-duty service members, reservists, members of the National Guard, veterans, and military families.

Veterans Choice Act

If you're receiving veterans educational benefits, you may be able to receive in-state tuition rates under Section 702 of the Veterans Choice Act.

Eligibility Requirements for Veterans

To be eligible, all the following must be true:

- When you start school, you live in the state where your school is located
- You've served on active duty for at least 90 days since September 10, 2001
- You're receiving benefits under the Post-9/11 GI Bill, the Montgomery GI Bill Active Duty (MGIB-AD), or Veteran Readiness and Employment (VR&E)

Note: Section 702 of the Veterans Choice Act covers you only after discharge, not while you're still on active duty or while you're a member of the Active Guard Reserve (AGR).

Eligibility Requirements for Spouses or Children

To be eligible, the following must be true:

- When you start school, you live in the state where your school is located
- *One* of the following must be true:
  - You're using education benefits transferred from a veteran
  - You're using benefits under the Fry Scholarship and the veteran had served a period of active-duty service of at least 90 days before their death
  - You're using benefits through the Survivors' and Dependents' Educational Assistance (DEA) program

Keeping Your In-State Residency Status

You'll keep your in-state residency status as long as you remain enrolled at a Los Rios college. You can take scheduled breaks between courses, semesters, or terms, but if you discontinue and return, you won't keep your in-state residency status under the Veterans Choice Act.

Registration Priority for Veterans

All veteran students are subject to the provisions under SBI 1456. Under the provisions of California Education Code 66025.8. Folsom Lake College will grant priority registration to eligible members or former members of the Armed Forces of the United States. Proof of current military status (military ID or DD-214 Member) must be submitted to the School Certifying Official. For eligibility information, please contact the Veterans Success Center (https://flc.losrios.edu/vrc).

GI Bill® is a registered trademark of the US Department of Veterans affairs (VA). More information about education benefits offered by VA is available at the official US Department of Veterans Affairs website (https://www.benefits.va.gov/gibill/).

International Student Admission

Folsom Lake College welcomes students from all over the world. There are different attendance requirements for each visa type. International students are those who are attending college in the US on an F-1 visa.

Folsom Lake College is approved by the US Citizenship and Immigration Services (USCIS) to issue I-20s, which students can use to apply for the F-1 visa. An international student must be enrolled in at least 12 units each semester and must maintain the same academic standards as all students, in order to comply with F-1 visa requirements.

For more information, see international student admissions (https://flc.losrios.edu/international-student).

Dual Enrollment Admission

Courses that provide enrichment and advancement in educational experience may be offered to high school and adult school students. The student must have completed eighth grade or be at least 14 years old by the first day of instruction.

High school students should request information from their high school counselor regarding eligibility and complete the Special Admit Form. The high school counselor should then submit a completed Special Admit Form that has been signed by a parent and by the high school counselor or principal, and an official transcript.

After the Special Admit Form has been approved, Admissions and Records staff will remove a registration hold to allow students to self-register in classes using eServices.

Dual Enrollment students participating in CCAP programs may be enrolled by college personnel based on requests from the student's high school. A Dual Enrollment student is not considered a continuing student when registering for classes for any subsequent semesters. It is the responsibility of the Dual Enrollment student to become familiar with, and aware of, all the requirements, processes, and deadlines pertaining to Dual Enrollment.

For more information, see Dual Enrollment admissions (https://flc.losrios.edu/admissions/get-started-and-apply/dual-enrollment-admission-and-enrollment-steps).

Undocumented Student Admission

At Folsom Lake College, we define undocumented to include all immigrants who reside in the US without legal status. We encourage undocumented students to:

1. Complete the online application to Folsom Lake College (https://www.opencccapply.net/cccapply-welcome?cccMisCode=234).
2. Submit a California Non-Resident Tuition Exemption Form to the Admissions & Records Office via eServices. See eligibility requirements at California Dream Act (https://flc.losrios.edu/ca-dream-act).
3. Complete the California Dream Act Application (https://dream.csac.ca.gov) (CADAA) by March 2 of every year.

For more information, see undocumented student admissions (https://flc.losrios.edu/undocumented-students).

Residency Requirements

Students who are California residents pay in-state tuition of $46 per unit, whereas students who are non-residents pay out-of-state tuition of $475 per unit. Community college enrollment fees are set by the California State Legislature. All fees are subject to change.

The term "California resident" for fee purposes may differ from other definitions of California residency. A person who has a California driver's license and/or vehicle registration or who is a California resident for tax, voting, or welfare purposes may have established legal residence in the state but not necessarily be considered a resident for fee purposes.

Residency Eligibility

To be eligible for California residency, a student must do the following:

- Be a citizen or hold a US immigration status that does not prevent establishment of residency
- Verify physical presence in California for at least one year and one day prior to the first day of the semester/term
- Verify intent to make California your permanent place of residence

- Establish financial independence from a non-resident parent or guardian

For more information, go to residency requirements on the Folsom Lake College website (https://flc.losrios.edu/residency-requirements).

Readmission from Pause Status

Students on pause status from Folsom Lake College must submit a Petition for Readmission After Pause Status form, which is completed with a college counselor. In order to enroll in classes, the dean must approve readmission following counselor recommendation.

Fee Payment Deadlines

Your tuition and fees are due soon after you enroll in classes. You *may* be dropped if your fees are not paid by the fee payment deadline. This is true even if you enroll in a class that starts later in the semester.

Fall 2026 Payment Deadlines

Payment deadlines for the fall 2026 semester.

Date Enrolled in Classes	Payment Due Date
July 24, 2026 or earlier	August 7, 2026 *Your payment is due on this date to avoid being dropped from your classes.*
July 25, 2026 or later	The next day after enrollment date*

* To make sure students who enroll during open enrollment have sufficient time to pay for classes, we will not drop students for non-payment if they enroll in classes on July 25, 2026 or later. However, students who have unpaid fees after the end of the term will receive a hold preventing future enrollment until payment is received.

Spring 2027 Payment Deadlines

Payment deadlines for the spring 2027 semester.

Date enrolled in classes	Payment Due Date
December 25, 2026, or earlier	January 8, 2027
December 26, 2026, or later	The next day after enrollment date*

* To make sure students who enroll during open enrollment have sufficient time to pay for classes, we will not drop students for non-payment if they enroll in classes on December 26, 2026, or later. However, students who have unpaid fees after the end of the term will receive a hold preventing future enrollment until payment is received.

A Note About Financial Aid

Not all your financial aid awards are automatically applied to your fees (the California College Promise Grant is an example of financial aid that *is* automatically applied). After you have applied your financial aid, you are responsible for paying the remaining amount on your account.

Make sure you apply for financial aid as early as possible and review the financial aid deadlines (https://flc.losrios.edu/financial-aid-deadlines).

How to Pay for Classes

Pay your tuition and fees with any of the following methods:

1. Online through eServices (https://ps.losrios.edu/student/signon.html) with a credit card

2. By mail with a check
    - Make checks payable to Los Rios Community College District.
    - Mail your check to the Business Services office.
    - **Make sure to include your student ID number and "enrollment fees" on the check's subject line.**
3. In person
    - Visit Folsom Lake College's Business Services office at the Main Folsom campus, the El Dorado Center, or the Rancho Cordova Center and pay with check, cash, or credit card.
4. Using the student payment plan (https://flc.losrios.edu/admissions/cost-of-attendance/student-payment-plan)
    - Pay your fees over a few months instead of all at once. There is a non-refundable $15 fee each semester you use the student payment plan.

Debts Owed to College

Should a student or former student fail to pay a debt owed to the institution, the institution may withhold permission to any combination of the following from any person owing a debt until the debt is paid (Title 5, California Code of Regulations, Sections 42380 and 42381):

- Registration/enrollment
- Use of facilities for which a fee is authorized to be charged
- Receipt of services, materials, food, or merchandise

If a student believes they do not owe all or part of an unpaid obligation, then they should contact the Business Services office.

Federal Education Tax Credits

Students (or parents of dependent students) may be able to obtain federal tax credits (including the American Opportunity Credit and Lifetime Learning Credit) for enrollment fees if the student:

- Is enrolled in at least six (6) units during any semester or summer session
- Meets the other conditions prescribed by federal law

Students who consent to online access can view and print the IRS Form 1098-T through eServices by January 31 of each year. For eligible students who do not consent to online access, the IRS Form 1098-T will be mailed by January 31.

Who Does Not Receive the 1098-T

Students will not receive a 1098-T if any of the following apply:

- The student (or parents of dependent students) did not pay qualified educational expenses in the previous tax year.
- The student received a Promise Grant (which waived their enrollment fees).
- The student is an international student who does not have a social security number (SSN) or individual taxpayer identification number (ITIN).

Fee Refunds

What Fees are Refundable?

Refundable Fees

- Resident enrollment and tuition fee

- Non-resident enrollment and tuition fee
- Universal transit pass (UTP) fee
- Student representation fee
- Health services fee
- Library fees
- Semester parking permit fee

Non-Refundable Fees

- Foreign student application fee
- Daily parking permit fee

How to Get a Refund

Refunds for Enrollment and Tuition Fees

Follow these steps to get a refund for enrollment and tuition fees:

1. **Drop your class(es) by the deadline.** After your class is dropped, money is credited to your eServices account. Keep all documentation that shows the date your class was officially dropped.
2. **Request a refund in eServices (https://flc.losrios.edu/admissions/financial-aid-and-fees/tuition-and-fees/refunds/refund-application-instructions) to get the money out of your eServices account by the deadline.**

Refunds for Health Services Fee

Follow these steps to get a refund for the health services fee:

1. **Drop all of your class(es) by the deadline.** After your class is dropped, money is credited to your eServices account. Keep all documentation that shows the date your class was officially dropped.
2. **Request a refund in eServices (https://flc.losrios.edu/admissions/financial-aid-and-fees/tuition-and-fees/refunds/refund-application-instructions) to get the money out of your eServices account by the deadline.**

Students who depend exclusively upon prayer for healing in accordance with the teachings of a bona fide religious sect, denomination, or organization – or students who receive the California College Promise Grant Part A – can refuse to pay this fee. To be exempted from paying the fee, submit the Health Services Fee Exemption Form (https://losrios.edu/hsf) before the last day of the semester.

Refunds for Semester Parking Permits

To get a refund for a semester parking permit, go to Folsom Lake College's Business Services Office to fill out a paper refund application before the deadline. Your parking permit decal must be attached to your refund application. You cannot do this step online. Your refund will be processed within six to eight weeks.

Refunds for Student Representation Fee

Follow these steps to get a refund for the student representation fee:

1. **Drop all of your class(es) by the deadline.** After your class is dropped, money is credited to your eServices account. Keep all documentation that shows the date your class was officially dropped.

2. **Request a refund in eServices (https://flc.losrios.edu/admissions/financial-aid-and-fees/tuition-and-fees/refunds/refund-application-instructions) to get the money out of your eServices account by the deadline.**

Students can refuse to pay this fee based on moral, religious, political, or financial grounds. To be exempted from paying the fee, submit the Student Representation Fee Exemption Form (https://losrios.edu/srf) before the last day of the semester (but preferably before you pay your fees).

Refunds for UTP Fee

With the introduction of the digital UTP/Transit Connect (https://flc.losrios.edu/student-resources/technology-resources/apps-and-software-for-students/sacramento-regional-transit-transit-connect-and-universal-transit-pass), students who drop all units by the deadline are eligible to receive a full Universal Transit Pass (UTP) refund. *Students who request a physical version of the UTP are not eligible for a UTP refund.*

Follow these steps to get a refund for the UTP fee:

1. **Drop your class(es) by the deadline.** After your class is dropped, money is credited to your eServices account. Keep all documentation that shows the date your class was officially dropped.
2. **Request a refund (https://flc.losrios.edu/admissions/financial-aid-and-fees/tuition-and-fees/refunds) to get the money out of your eServices account by the deadline.** You can submit this request online.

Important Information About Refunds

Credit Balances in eServices

Money in your eServices account is not automatically refunded to you. If you have a credit balance in your eServices account and you do not request a refund by the last day of instruction of the semester, then you forfeit that money.

Exceptions for Military Students

If you have to withdraw from classes for military purposes, then you will be refunded 100% of your fees and tuition. This is true even if you drop after the deadline or request your refund after the end of the semester.

How long will it take to get my refund?

Refunds are issued within six to eight weeks. If you paid by credit card, then a refund will be issued to the credit card you paid with. All other methods of payment will be refunded by check and mailed to the address on file with Admissions and Records.

While You Are Here

Available Learning Resources

- Apps and Software for Students (https://flc.losrios.edu/student-resources/technology-resources/apps-and-software-for-students)
- Asian, Pacific Islander & Desi Americans (APIDA) Program (https://flc.losrios.edu/student-resources/support-services/asian-pacific-islander-and-desi-americans-(apida))
- Assistive Technology Resources (https://flc.losrios.edu/student-resources/support-services/dsps/assistive-technology-resources)
- Associated Students of FLC (https://flc.losrios.edu/campus-life/clubs-and-student-leadership/associated-students-of-flc)
- Black, Academic, Success & Engagement (BASE) (https://flc.losrios.edu/student-resources/support-services/base)
- Basic Needs Resources (https://flc.losrios.edu/student-resources/basic-needs-resources)
- Bookstore (https://losrios.bncollege.com)
- Business Services (https://flc.losrios.edu/student-resources/support-services/business-services)
- CalFresh (https://flc.losrios.edu/student-resources/support-services/calfresh)
- CalWORKs (https://flc.losrios.edu/student-resources/support-services/calworks)
- Canvas Online Learning System (https://flc.losrios.edu/student-resources/technology-resources/apps-and-software-for-students/canvas-online-learning-system)
- Career and Transfer Center (https://flc.losrios.edu/academics/internships-and-career-services/career-and-transfer-center)
- College Clubs (https://flc.losrios.edu/campus-life/clubs-and-student-leadership/college-clubs)
- Computer Labs (https://flc.losrios.edu/academics/online-education/computer-labs)
- Computers for Students (https://flc.losrios.edu/student-resources/technology-resources/computers-for-students)
- Contactless Lockers (https://flc.losrios.edu/student-resources/support-services/contactless-lockers)
- Counseling (https://flc.losrios.edu/student-resources/counseling)
- Degree Planner (https://flc.losrios.edu/academics/programs-majors/degree-planner)
- Disability Accommodations (https://flc.losrios.edu/about-us/our-values/disability-resources)
- Disabled Students Program and Services (DSPS) (https://flc.losrios.edu/student-resources/support-services/dsps)
- Dual Enrollment (https://flc.losrios.edu/admissions/dual-enrollment)
- EOPS/CARE/NextUp (https://flc.losrios.edu/student-resources/support-services/eops-and-care)
- English Center (https://flc.losrios.edu/student-resources/tutoring-and-academic-assistance/el-dorado-center/edc-reading-and-writing-center)
- Equity Center (https://flc.losrios.edu/student-resources/support-services/equity-center)
- Falcon Athletics (https://flcfalcons.com)
- Falcon Cares Program (https://flc.losrios.edu/student-resources/support-services/falcon-cares-program)
- Falcon Launch (https://flc.losrios.edu/student-resources/support-services/student-outreach-access-and-retention-(soar)/falcon-launch)
- Family Resources (https://flc.losrios.edu/student-resources/family-resources)
- Federal Work-Study (https://flc.losrios.edu/admissions/financial-aid-and-fees/types-of-financial-aid/federal-work-study)
- Financial Aid (https://flc.losrios.edu/admissions/financial-aid-and-fees)
- First-Year Engagement/Soar to Success (https://flc.losrios.edu/firstyear)
- FLC Hub (https://flc.losrios.edu/hub)
- FLC Pride Nest (https://flc.losrios.edu/student-resources/support-services/flc-pride-nest)
- Google Apps and Preferred Email (https://flc.losrios.edu/student-resources/technology-resources/apps-and-software-for-students/google-apps-and-preferred-email)
- Handshake Job and Internship Platform (https://flc.losrios.edu/academics/internships-and-career-services/work-experience-and-internship-program/handshake-job-and-internship-platform)
- Harris Center for the Arts (https://flc.losrios.edu/about-us/our-facilities/harris-center-for-the-arts)
- Innovation Center Makerspace (https://flc.losrios.edu/about-us/our-facilities/innovation-center-makerspace)
- International Students Office (https://flc.losrios.edu/student-resources/support-services/international-students-office)

- Internet and WiFi Support (https://flc.losrios.edu/student-resources/technology-resources/internet-and-wifi-support)
- Internships and Career Services (https://flc.losrios.edu/academics/internships-and-career-services)
- Library (https://flc.losrios.edu/student-resources/library)
- Los Rios Promise Program (https://flc.losrios.edu/admissions/financial-aid-and-fees/types-of-financial-aid/los-rios-promise-program)
- Math Center (https://flc.losrios.edu/student-resources/tutoring-and-academic-assistance/main-folsom-campus/flc-math-center)
- Mental Health and Wellness Resources (https://flc.losrios.edu/campus-life/student-health-and-wellness/mental-health-services)
- MESA (Mathematics, Engineering, Science, Achievement) (https://flc.losrios.edu/student-resources/support-services/mesa-(mathematics-engineering-science-achievement))
- Native American Student Support & Success Program (NASSSP) (https://flc.losrios.edu/student-resources/support-services/native-american-student-support-and-success-program-(nasssp))
- PathwayU Career Exploration (https://flc.losrios.edu/admissions/pathwayu-career-exploration)
- Prison and Reentry Education Program (https://flc.losrios.edu/student-resources/incarcerated-and-formerly-incarcerated-students/prison-and-reentry-education-program)
- Program Maps (https://flc.losrios.edu/academics/programs-majors/program-maps)
- Rancho Cordova Promise Program (https://flc.losrios.edu/admissions/financial-aid-and-fees/types-of-financial-aid/rancho-cordova-promise-program)
- Reading and Writing Center (https://flc.losrios.edu/student-resources/tutoring-and-academic-assistance/main-folsom-campus/flc-reading-and-writing-center)
- Refugee Career Pathways (https://losrios.edu/community/refugee-career-pathways)
- Rising Scholars (https://flc.losrios.edu/student-resources/incarcerated-and-formerly-incarcerated-students/rising-scholars)
- Science Center (https://flc.losrios.edu/student-resources/tutoring-and-academic-assistance/science-center)
- Service Central (https://flc.losrios.edu/student-resources/technology-resources/technology-support/service-central)
- Soar to Success (https://flc.losrios.edu/firstyear)
- Student Athlete Success Center (https://flc.losrios.edu/student-resources/tutoring-and-academic-assistance/main-folsom-campus/flc-student-athlete-success-center)
- Student Food Cabinets (https://flc.losrios.edu/student-resources/support-services/student-food-cabinets)
- Student Health and Wellness Services (https://flc.losrios.edu/campus-life/student-health-and-wellness)
- Study Abroad (https://flc.losrios.edu/academics/programs-majors/los-rios-study-abroad)
- Success Coaches (https://flc.losrios.edu/academics/meta-majors/success-coaches)
- Technology Accessibility (https://flc.losrios.edu/about-us/our-values/technology-accessibility)
- Technology Resources (https://flc.losrios.edu/student-resources/technology-resources)
- Technology Support (https://flc.losrios.edu/student-resources/technology-resources/technology-support)
- Test Proctoring (https://flc.losrios.edu/student-resources/support-services/dsps/test-proctoring)
- Tutoring (https://flc.losrios.edu/student-resources/tutoring-and-academic-assistance)
- Undocu-Falcons Center (https://flc.losrios.edu/student-resources/support-services/undocu-falcons-center)
- Veterans Success Center (https://flc.losrios.edu/student-resources/support-services/veterans-success-center)
- WEAVE Confidential Advocate (https://flc.losrios.edu/campus-life/health-and-safety/sexual-violence-and-title-ix-protections/weave-confidential-advocate)
- Welcome and Student Success Center (https://flc.losrios.edu/admissions/welcome-and-student-success-center)
- Workability III (https://flc.losrios.edu/student-resources/workability-iii)
- Work Experience and Internship Program (https://flc.losrios.edu/academics/internships-and-career-services/work-experience-and-internship-program)

Financial Aid

Get the Financial Help You Need

Money shouldn't get in the way of getting a college education. The Financial Aid Office is here to help you get the financial support you need to afford college.

Financial Aid Eligibility

Generally, to be eligible for financial aid, students must:

- Demonstrate financial need (for most programs)
- Be a US citizen or an eligible non-citizen
- Have a valid Social Security number (with the exception of students from the Republic of the Marshall Islands, Federated States of Micronesia, or the Republic of Palau)
- Be enrolled or accepted for enrollment as a regular student in an eligible degree or certificate program
- Be enrolled at least half-time to be eligible for Direct Loan Program funds
- Maintain satisfactory academic progress
- Sign the certification statement on the Free Application for Federal Student Aid (FAFSA) stating that:
  - You are not in default on a federal student loan and do not owe money on a federal student grant
  - You will use federal student aid only for educational purposes
- Show you're qualified to obtain a college or career school education by one of the following:
  - Having a high school diploma or a recognized equivalent such as a General Educational Development (GED) certificate
  - Completing a high school education in a homeschool setting approved under state law (or – if state law does not require a homeschooled student to obtain a completion credential – completing a high school education in a homeschool setting that qualifies as an exemption from compulsory attendance requirements under state law)
  - Meeting one of the ability-to-benefit alternatives (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/financial-aid#benefit)

Ability-to-Benefit Alternatives

If you were enrolled in college or career school prior to July 1, 2012, then you may show you're qualified to obtain a higher education by one of the following:

- Passing an approved ability-to-benefit test* (if you don't have a diploma or GED, a college can administer a test to determine whether you can benefit from the education offered at that school)
- Completing six credit hours or equivalent course work toward a degree or certificate (you may not receive aid while earning the six credit hours)

* For more information about these criteria, talk to the Financial Aid Office.

Contact Financial Aid Office

financialaid@flc.losrios.edu

Main Folsom Campus: (916) 608-6646

For additional contact information, location information, and hours, visit the Financial Aid Webpage (https://flc.losrios.edu/student-resources/financial-aid).

Free Application for Federal Student Aid

The Free Application for Federal Student Aid (FAFSA) (https://studentaid.gov/h/apply-for-aid/fafsa) is a form for US Citizens, permanent residents, or eligible non-citizens to get financial aid. Financial aid includes fee waivers, grants, work-study, loans, and scholarships. Submit the FAFSA each year you are in college – it only takes about 30 minutes to complete when you are prepared.

Anyone who's required to provide information on the FAFSA form will need to create a Federal Student Aid ID (FSA ID). This includes the student and, if applicable, the student's spouse, biological/adoptive parent, or parent's spouse (if remarried). All contributing individuals must provide consent to have information transferred to the FAFSA form. If consent is not given, then the FAFSA form will remain incomplete and the student will be ineligible for federal student aid.

Undocumented students cannot apply for aid through the FAFSA but may be eligible for state financial aid through the California Dream Act (https://dream.csac.ca.gov/landing).

Dates and Deadlines

The 2026-2027 academic year includes fall 2026, spring 2027, and summer 2027. Submit the FAFSA as early as you can, so you have plenty of time to figure out how to pay for college before classes begin.

- Date FAFSA available: October 1, 2025
- FAFSA priority filing deadline: March 3, 2026
- Tax filing year to use for FAFSA: 2024

You can submit the FAFSA after the FAFSA Priority Filing Deadline until June 30 of the following year, but priority is given on a first-come, first-served basis. You may not be considered for a Cal Grant if you submit your application after the FAFSA Priority Filing Deadline.

Federal School Code

Folsom Lake College's federal school code is **038713**. Make sure you include this on your financial aid application if you want to receive financial aid at Folsom Lake College.

California Dream Act Application

The California Dream Act (https://dream.csac.ca.gov/landing) allows undocumented and nonresident students who qualify for a non-resident exemption under AB 540, AB 2000, or SB 68 to receive certain types of state-based financial aid. The California Dream Act Application (CADAA) is separate from the FAFSA and is unrelated to the federal Deferred Action for Childhood Arrivals (DACA) program. Students should only complete one of these financial aid applications–not both.

Confidentiality: *All information submitted through the CADAA is kept private and protected. It is not shared with federal agencies and will not affect immigration status or future immigration applications.*

Who Can Apply?

You may complete the CADAA if:

- **You are *one* of the following:**
  - Undocumented
  - A DACA recipient (valid or expired)
  - A U Visa holder
  - A Temporary Protected Status (TPS) holder
  - An asylum seeker with a pending case
  - A student from a mixed-status family*

*You are considered part of a mixed-status family if:

- You are a U.S. citizen or eligible noncitizen, and
- Your parent(s) or spouse (FAFSA contributors) do not have a Social Security Number (SSN).

Financial Aid Available for Undocumented Students

Eligible students may qualify for the following:

- State grants (California College Promise Grant, Cal Grants, Chafee Grants, and Student Success Completion Grant)
- Campus support programs (EOPS, CARE, or CalWORKs)
- Certain scholarships
- Los Rios Promise Program

To simplify the process, the CADAA automatically includes the AB 540 affidavit required for financial aid eligibility.

CADAA Priority Filing Deadline

To be considered for state financial aid, submit your CADAA by the **March 3, 2026, priority deadline**. You may not qualify for a Cal Grant if you submit after the priority deadline.

Academic Year 2026-2027

The 2026-2027 academic year includes fall 2026, spring 2027, and summer 2027.

- Application available: October 1, 2025
- Priority deadline: March 3, 2026
- Tax year used: 2024

Federal School Code

Folsom Lake College's federal school code is **038713**. Make sure you include this on your financial aid application if you want to receive financial aid at Folsom Lake College.

Los Rios Promise Program

What is the Los Rios Promise Program?

The Los Rios Promise Program covers the cost of tuition for first-time, new, eligible students. You may also hear it referred to as California College Promise or AB 19 (Assembly Bill 19) and AB 2 (Assembly Bill 2).

Costs Covered

The Promise Program covers:

Resident tuition and enrollment fees (the cost of your classes), at **$46 per unit**

Costs Not Covered

The Promise Program does not cover:

Health Services fee

Student Representation fee

Books

Transportation

Living expenses

Eligibility Requirements

Student eligibility is based on funding availability. To be eligible, you must:

- Submit (and receive confirmation of processing) a complete CCCApply application for enrollment (https://flc.losrios.edu/admissions/get-started-and-apply/first-time-college-student-admission-and-enrollment-steps) for the term for which you are applying.
- Be a California resident (learn about residency requirements (https://flc.losrios.edu/residency-requirements)).
- Complete a Financial Aid application – either the Free Application for Federal Student Aid (https://studentaid.gov/h/apply-for-aid/fafsa) (FAFSA) or California Dream Act Application (https://dream.csac.ca.gov/landing) (CADAA) – by the deadline (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/financial-aid/los-rios-promise-program#deadline).
- Enroll in at least 12 units by the deadline (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/financial-aid/los-rios-promise-program#deadline).
- Complete each semester with a minimum 2.0 GPA and a 66.67% completion rate (learn more about satisfactory academic progress (https://flc.losrios.edu/sap), or SAP).

Eligibility for Mid-Year and First-Time New Recipients

You are only eligible for the Los Rios Promise Program for two consecutive award years beginning with your initial enrollment in the summer/fall term. If your first enrollment is the spring term, then you are only eligible for 1.5 years (not the full two years), provided that you meet the enrollment and FAFSA/CADAA deadline (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/financial-aid/los-rios-promise-program#deadline).

Eligibility for a Second Year of the Los Rios Promise Program

A second year of eligibility will be reviewed for you if you received the waiver in your first year under the Los Rios Promise Program or were eligible for the California College Promise Grant in your first year. You will automatically be awarded second-year funding if you:

- Submit the FAFSA/CADAA by the deadline (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/financial-aid/los-rios-promise-program#deadline).
- Enroll in a minimum of 12 units by the enrollment date requirement.
- Maintain a cumulative 2.0 GPA, with a 66.67% cumulative completion rate (learn more about SAP (https://flc.losrios.edu/sap)).

You must contact the Financial Aid office if you are transferring in from another California community college. If you are transferring from a college or university outside of California, then you are not eligible for the Los Rios Promise Program.

Deadlines

Semester	Deadline for Completed/Processed FAFSA/CADAA	Deadline to be Enrolled in 12 or More Units
Summer 2026	N/A	June 17, 2026
Fall 2026	September 8, 2026	September 8, 2026
Spring 2027	February 1, 2027	February 1, 2027

Applications **must be completed and processed by the deadlines**. "Processed" means that you must have received communication from the Department of Education indicating you have successfully submitted your FAFSA and you received an email from Los Rios indicating your FAFSA has been received. Alternatively, if you completed a CADAA, then you must have received communication from the California Student Aid Commission indicating you have successfully submitted your CADAA as well as an email from Los Rios indicating your CADAA has been received. Please plan accordingly and complete the application **at least three weeks before the deadline**.

Eligibility is based on funding availability. If you are determined eligible but do not enroll for subsequent terms (excluding summer) by the enrollment dates and/or if you fail to complete the FAFSA/CADAA for the second year, then you will be ineligible for those terms.

FAQ

How is a "first-time student" defined?

If you are entering college directly from high school, attended adult school to complete your high school graduation requirements, or have never attempted college units, then you are considered a "first-time" student.

Am I still a first-time student if I earned college credit while attending high school or adult school to complete my high school education?

Yes! College credit earned while in high school (Dual Enrollment) or adult school does not affect your eligibility for the Los Rios Promise Program as long as you haven't yet earned a degree or certificate. However, you are not eligible for this tuition waiver if you earned a college certificate or degree while in high school.

Rancho Cordova Promise

The Rancho Cordova Promise offers Rancho Cordova residents who graduate from high school the opportunity to attend their first two years of college fee-free (while taking six to 18 units per semester). The program includes residents who are veterans, whether they are new or continuing students. Rancho Cordova Promise is funded by the City of Rancho Cordova's Community Enhancement & Investment Fund (https://www.cityofranchocordova.org/residents/community-enhancement-investment-fund), a ½-cent local sales tax measure approved by Rancho Cordova citizens in November 2014 that provides locally-controlled funds for local priorities. The Rancho Cordova Promise is a member of the Northern California College Promise Coalition (https://www.norcalpromisecoalition.org/).

See current Rancho Cordova Promise Program date and deadline information (https://flc.losrios.edu/admissions/financial-aid-and-fees/types-of-financial-aid/rancho-cordova-promise-program).

Eligibility

To qualify for the Rancho Cordova Promise program, you need to meet **all** of the following requirements:

1. **Live in Rancho Cordova.** Check if your address falls under Rancho Cordova's jurisdiction using Sacramento County's online map tool (https://generalmap.gis.saccounty.net/JSViewer/county_portal.html). You may be asked to provide official proof of residency.
2. **Have graduated from high school or obtained a GED** within a certain timeframe (see current Rancho Cordova Promise Program date and deadline information (https://flc.losrios.edu/admissions/financial-aid-and-fees/types-of-financial-aid/rancho-cordova-promise-program)). The high school does not need to be located in Rancho Cordova.
3. **Complete either the FAFSA or CADAA** for the current academic year and demonstrate unmet need.

4. **Enroll in at least six (6) units** for the Fall 2026 semester at Folsom Lake College, the Rancho Cordova Center, or the El Dorado Center.
5. **Maintain eligibility** by passing at least six (6) units with a grade of "C" or better each semester.

The program is open to Rancho Cordova residents who are veterans (whether they are new or continuing students). Courses taken during high school through a Dual Enrollment/Early College program are considered "pre-college" and do not make you ineligible for the Rancho Cordova Promise.

Available Aid

Based on financial need as determined by FAFSA or CADAA, eligible students will receive **one of the following**:

RC Promise Grant/Fee Waiver

(With current FAFSA/CADAA – without Financial Need)

- Coverage of tuition/enrollment fees (up to 18 units)

RC Promise Payment/Disbursement

(With current FAFSA/CADAA – with Financial Need)

- Funds will be distributed through BankMobile Disbursements, which is how Folsom Lake College disburses financial aid monies to you.

Students must pass at least six (6) units with a grade of "C" or better to receive funding for the subsequent semester.

How to Apply

Application Period

See the current Rancho Cordova Promise Program application deadline information (https://flc.losrios.edu/admissions/financial-aid-and-fees/types-of-financial-aid/rancho-cordova-promise-program).

Steps to Apply

1. Apply to Folsom Lake College (https://www.opencccapply.net/gateway/apply?cccMisCode=234) online through CCCApply.
2. After you receive a student ID number, submit the Rancho Cordova Promise application (https://flc.losrios.edu/admissions/financial-aid-and-fees/types-of-financial-aid/rancho-cordova-promise-program/rancho-cordova-promise-application) online.
3. Apply for financial aid by submitting the Free Application for Federal Student Aid (FAFSA) (https://studentaid.gov/h/apply-for-aid/fafsa). If you are not a US citizen or permanent US resident, then you should fill out the California Dream Act Application (https://dream.csac.ca.gov/landing) instead of the FAFSA.

After You Apply

After you submit your college application, Rancho Cordova Promise application, and financial aid application, you will get a confirmation message sent to your preferred email address notifying you of your Rancho Cordova Promise eligibility.

Contact

For questions regarding the Rancho Cordova Promise *only*, please contact:

Kathy Guzzi
Admissions & Records
Email: guzzik@flc.losrios.edu
Phone: (916) 361-6337

Tatiana Stefanco
Educational Center Assistant
Email: stefant@flc.losrios.edu
Phone: (916) 361-6338

Grants

What Is a Grant?

A grant is money given to you by the federal or state government that you don't usually have to pay back.

Types of Grants for Community College Students

Learn more about the types of grants available to community college students, eligibility, and how and when to apply.

Cal Grant A

Cal Grant A is available to low-income and middle-income California resident students. It may be used for a program that is at least two academic years in length resulting in an associate or baccalaureate degree of 48 semester units or the equivalent. If awarded at Los Rios, the award will be held in reserve for up to two academic years until the student transfers to a tuition-charging institution unless the student qualifies for the Cal Grant A Student with Dependent (SWD) Children access award. Los Rios abides by CSAC Cal Grant A regulations.

Cal Grant A awards are available during the Fall and Spring terms only. Cal Grant funding is not available for the Summer term.

How to Apply

- Complete the FAFSA (https://studentaid.gov/h/apply-for-aid/fafsa) or the California Dream Act Application (https://dream.csac.ca.gov/landing) (CADAA) by March 2.
- Submit a Verified Cal Grant GPA (https://www.csac.ca.gov/post/cal-grant-gpa-verification-form) (high school GPA or community college GPA) to the California Student Aid Commission (CSAC) by March 2. Please note:
  - California community colleges have a second deadline – September 2 – for some types of Cal Grant.
  - Folsom Lake College submits electronically-eligible GPAs.
- Create an account at Web Grants for Students (https://mygrantinfo.csac.ca.gov/) after you submit your FAFSA or CADAA to review your award status.

After you submit your completed FAFSA/CADAA and high school GPA, then you will be considered (by CSAC) for the appropriate Cal Grant award based on GPA, financial need, and college of attendance.

Grant Amounts

Access awards for students with dependents are based on enrollment status as follows:

Enrollment	Semester-Based Awards
Full-Time	$3,000 SWD
Three-Quarter Time	$2,250 SWD
Half-Time	$1,500 SWD

Cal Grant B

Cal Grant B is a need-based program and provides free money to low-income students who are:

- Enrolled in a program of study resulting in an associate, baccalaureate degree, or certificate of at least 24 semester units in length
- Enrolled and attending at least six eligible units per semester

Cal Grant B awards are available during the Fall and Spring terms only. Cal Grant funding is not available for the Summer term.

How to Apply

- Complete the FAFSA (https://studentaid.gov/h/apply-for-aid/fafsa) or the California Dream Act Application (https://dream.csac.ca.gov/landing) (CADAA) by March 2.
- Submit a Verified Cal Grant GPA (https://www.csac.ca.gov/post/cal-grant-gpa-verification-form) (high school GPA or community college GPA) to the California Student Aid Commission (CSAC) by March 2. Please note:
  - California community colleges have a second deadline – September 2 – for some types of Cal Grant.
  - Folsom Lake College submits electronically-eligible GPAs.
- Create an account at Web Grants for Students (https://mygrantinfo.csac.ca.gov/) after you submit your FAFSA or CADAA to review your award status.

After you submit your completed FAFSA/CADAA and high school GPA, then you will be considered (by CSAC) for the appropriate Cal Grant award based on GPA, financial need, and college of attendance.

Eligibility and Grant Amounts

See CSAC Cal Grant eligibility requirements (https://www.csac.ca.gov/cal-grant).

Dependent students, or independent students without dependent children, receive up to $1,648 annually; students with dependent children younger than 18 (*Students With Dependents* annual certification (https://www.csac.ca.gov/post/students-dependents) required) receive up to $6,000 annually. Awards are pro-rated according to eligible enrollment as per the following semester-based chart:

Student Type	Full-Time Amount	¾-Time Amount	½-Time Amount	Less than ½-Time Amount
Dependent Students or Independent without Dependent Children	$824	$618	$412	$0
Students with Dependent Children	$3,000	$2,250	$1,500	$0

Cal Grant Recalculation Dates (CRD) apply – see financial aid deadlines (https://flc.losrios.edu/financial-aid-deadlines).

In addition, awarded Cal Grant B students enrolled in 12 or more eligible units per semester might become eligible to receive the additional Student Success Completion Grant (SSCG). Students enrolled in 12 to 14.99 financial aid-eligible units will receive $1,298 SSCG for that semester. Students enrolled in 15 or more financial aid-eligible units will receive $4,000 for that semester.

Cal Grant C

Cal Grant C is a need-based program that provides free money to low-income students who are:

- Pursuing an occupational or technical program of least four months in length
- Enrolled and attending at least six eligible units per semester

Cal Grant C awards are available during the Fall and Spring terms only. Cal Grant funding is not available for the Summer term.

How to Apply

- Complete the FAFSA (https://studentaid.gov/h/apply-for-aid/fafsa) or the California Dream Act Application (https://dream.csac.ca.gov/) (CADAA) by September 2.
- Create an account at Web Grants for Students (https://mygrantinfo.csac.ca.gov/) after you submit your FAFSA or CADAA to review your award status.

If the California Student Aid Commission (CSAC) determines you are eligible for a Cal Grant C, then complete the Cal Grant C Supplement Form through Web Grants for Students (https://mygrantinfo.csac.ca.gov/) by the requested deadline.

Eligibility and Grant Amounts

See CSAC Cal Grant eligibility requirements (https://www.csac.ca.gov/cal-grant).

Dependent students, or independent students without dependent children, receive up to $1,094 annually; students with dependent children younger than 18 (*Students With Dependents* annual certification (https://www.csac.ca.gov/post/students-dependents) required) receive up to $4,000 annually. Awards are pro-rated according to eligible enrollment as per the following semester-based chart:

Student Type	Full-Time Amount	¾-Time Amount	½-Time Amount	Less than ½-Time Amount
Dependent Students or Independent without Dependent Children	$547	$410	$274	$0
Students with Dependent Children	$2,000	$1,500	$1,000	$0

Cal Grant Recalculation Dates (CRD) apply – see financial aid deadlines (https://flc.losrios.edu/financial-aid-deadlines).

In addition, awarded Cal Grant C students enrolled in 12 or more eligible units per semester might become eligible to receive the additional Student Success Completion Grant (SSCG). Students enrolled in 12 to 14.99 financial aid-eligible units will receive $1,298 SSCG for that semester. Students enrolled in 15 or more financial aid-eligible units will receive $4,000 for that semester.

California College Promise Grant

The California College Promise Grant is just for California community college students and does not have to be repaid.

What It Covers

The California College Promise Grant waives enrollment fees for eligible students. It does not cover the cost of books or other expenses.

Eligibility

You may qualify for the California College Promise Grant if you are a California resident or are exempt from nonresident fees under AB 540 **and** you meet the criteria of Type A, Type B, or Type C described below.

Type A

You are receiving Temporary Aid For Needy Families (TANF), Supplemental Security Income (SSI/SSP), or General Assistance.

Type B

You meet the income standards listed below. Please note:

- Family size means the number of people in your household, including yourself
- Total family income means adjusted gross income and/or untaxed income for the year listed

Family Size	2023 Total Family Income (for 2025-2026 school year)	2024 Total Family Income (for 2026-2027 school year)
1	$22,590	$23,475
2	$30,660	$31,725
3	$38,730	$39,975
4	$46,800	$48,225
5	$54,870	$56,475
6	$62,940	$64,725
7	$71,010	$72,975
8	$79,080	$81,225
Note	For each additional family member, add $8,070	For each additional family member, add $8,250

Type C

You submitted the Free Application for Federal Student Aid (FAFSA) or the California Dream Act application (for AB 540 students who are not US citizens or eligible non-citizens) and it shows you have unmet financial need.

How to Apply

To apply, fill out the California College Promise Grant (https://us.cccstart.org/grant) application online. Alternatively, you can complete the Free Application for Federal Student Aid (FAFSA (https://studentaid.gov/h/apply-for-aid/fafsa)) or CA Dream Act Application (CADAA (https://dream.csac.ca.gov/)).

Maintaining the California College Promise Grant

If you qualify for the California College Promise Grant, then make sure you continue to meet the following academic and progress standards to keep receiving the grant funds.

- **Academic**: Maintain a grade point average (GPA) of 2.0 or higher. If your cumulative GPA falls below 2.0 for two consecutive primary terms (fall/spring semesters), then you may lose your grant eligibility.
- **Progress**: Complete more than 50% of your coursework. If the cumulative number of units you complete is not more than 50% in two consecutive primary terms (fall/spring semesters, or fall/winter/spring quarters), then you may lose your grant eligibility.
- **Combination of academic and progress standards**: Any combination of two consecutive terms of cumulative GPA below 2.0 and/or cumulative unit completion of not more than 50% may result in loss of grant eligibility.

Regaining the California College Promise Grant

If you lose your California College Promise Grant due to not meeting the academic and progress standards, then you may appeal the loss by following the process for Loss of Priority Registration (https://flc.losrios.edu/admissions/enroll-in-classes/loss-of-priority-registration).

Admissions and Records with notify you once the form has been processed. If approved, then your California College Promise Grant will be reinstated.

Chafee Grant for Foster Youth

Chafee Grants are awarded by the State of California to current or former foster youth. Chafee Grants do not have to be repaid.

What it Covers

A Chafee Grant can be used to pay for tuition, fees, books, supplies, transportation, living expenses, and child care.

Eligibility

To qualify for a Chafee Grant, you must meet the following criteria:

- You are a current or former foster youth who was a ward of the court, living in foster care, for at least one day between the ages of 16 and 18
- If you are or were in Kin-GAP, a non-related legal guardianship, or were adopted, you are only eligible if you were a dependent or ward of the court, living in foster care, for at least one day between the ages of 16 and 18
- You have not reached your 26th birthday as of July 1 of the award year
- You have not participated in the program for more than five years (consecutive or otherwise)

How to Apply

To apply for a Chafee Grant, you must submit the following each year you are eligible:

- FAFSA (https://studentaid.gov/h/apply-for-aid/fafsa) or the California Dream Act (https://dream.csac.ca.gov/) application (if you do not have a social security number)
- The Chafee Grant (https://chafee.csac.ca.gov) application

Federal Pell Grant

Federal Pell Grant are awarded by the federal government and do not have to be repaid.

What it Covers

Federal Pell Grant can be used for tuition, fees, books, supplies, transportation, living expenses, and child care.

Eligibility

Federal Pell Grant is based on financial need, cost of attendance, the number of financial aid eligible units enrolled, and how long you plan to attend college. Eligible students can receive the Federal Pell Grant for up to six years (12 full-time semester or the equivalent), or 600%.

Pell Grant are usually only given to undergraduate students who have not earned a bachelor's degree or higher. In some cases, a student enrolled in a post-baccalaureate teacher certification program can receive a Federal Pell Grant. You are not eligible to receive a Pell Grant if you are incarcerated or are subject to an involuntary civil commitment upon completion of a period of incarceration for a forcible or non-forcible sex offense.

DACA and undocumented AB 540 students are not eligible to receive Federal Pell Grant.

How to Apply

Submit the FAFSA (https://studentaid.gov/h/apply-for-aid/fafsa) every year to see if you qualify for a Federal Pell Grant. The amount of other student aid you qualify for does not affect the amount of your Federal Pell Grant.

Federal Supplemental Educational Opportunity Grant (FSEOG)

Federal Supplemental Educational Opportunity Grants are awarded by the federal government and do not have to be repaid. Folsom Lake College has a limited amount of FSEOG funds, so make sure you submit your FAFSA as early as possible.

What it Covers

A FSEOG can be used for tuition, fees, books, supplies, transportation, living expenses, and child care. You can receive $100 to $600 per year.

Eligibility

FSEOGs are awarded based on financial need, how early you apply, number of financial aid eligible units enrolled, and total amount of Financial Aid.

FSEOGs are only given to undergraduate students who have not earned a bachelor's or a professional degree.

DACA and AB 540 students are not eligible to receive FSEOGs.

How to Apply

Submit the FAFSA (https://studentaid.gov/h/apply-for-aid/fafsa) each year to see if you qualify for a FSEOG.

Student Success Completion Grant (SSCG)

What it Covers

The Student Success Completion Grant (SSCG) provides up to $8,000 (and up to $10,500 for Former Foster Youth [FFY]) annually to pay for educational costs.

Due to limited funding, SSCG is awarded on a first-come, first-served basis. SSCG awards may be granted for one term only and are subject to availability of funds.

Eligibility

To qualify for an SSCG, you must:

- Be a Cal Grant B or C recipient
- Meet federal satisfactory academic progress (SAP)
- Be a California resident or be exempt from paying nonresident tuition
- Be an undergraduate student pursuing an associate degree, certificate, or transfer program

Grant Amounts

Term-Based Funding

Attendance status	Semester units and term
For students who enroll in 12 to 14.99 units	$1,298 per primary term
For students who enroll in 15+ units	$4,000 per primary term
Former Foster Youth students who enroll in 12+ units and FFY who are in a DSPS program with an approved academic accommodation plan who enroll in 9+ units	$5,250 per primary term
Students in a disabled student program who enroll in 9+ units	$1,298 per primary term

Students enrolled in 12 to 14.99 financial aid-eligible units will receive $1,298 for that semester. Students enrolled in 15 or more financial aid-eligible units will receive $4,000 for that semester.

Effective Fall 2025, DSPS-eligible students who enroll in nine (9) or more financial aid-eligible units per semester who are considered full-time as part of the DSPS Academic Accommodation Plan (AAP) will be awarded $1,298 per semester. Former Foster Youth students who are in a DSPS program with an approved AAP who enroll in nine (9) or more financial aid-eligible units will be awarded $5,250 per semester.

The Cal Grant Recalculation Date (https://flc.losrios.edu/student-resources/financial-aid/financial-aid-deadlines) will be applied to determine course enrollment and award amounts.

How to Apply

Students who qualify will be notified. No additional application is required to determine SSCG eligibility.

Federal Work-Study

What is Federal Work-Study?

The Federal Work-Study (FWS) program provides jobs to students to help them pay for their educational expenses.

Eligibility

To be eligible, you must:

- Have a complete financial aid file
- Have unmet financial need
- Be enrolled in at least six financial aid course-eligible units at Folsom Lake College*
- Maintain satisfactory academic progress

* If you are enrolled at multiple Los Rios colleges, then you must have an approved consortium on file for those units to be counted toward your enrollment status.

You are not guaranteed a FWS job just because you are eligible for FWS. FWS jobs are limited, so make sure you apply for a FWS job as early as possible.

Students with Bachelor's degrees may be eligible for FWS. To be considered for eligibility, these students will be asked to submit an appeal.

Hours

FWS students work an average of 17 hours per week during the fall and spring semesters. Students may be employed for no more than 26 hours per week during a semester and no more than 40 hours per week between semesters. The number of hours may change depending on the needs of the department. Summer FWS hours are based on funding availability.

You may not work more than the number of hours you were awarded.

Pay

FWS students are paid an hourly rate at minimum wage. On average, FWS students earn up to $7,000 during the school year. Paychecks are distributed on the tenth of each month.

Disclaimer

We reserve the right to reduce your FWS award at the end of the fall or spring semester for hours not worked or due to ineligibility. Your FWS award may also be reduced if your financial need changes. You will be notified of any change via email and it is your responsibility to notify your supervisor of the change.

Federal Direct Loans

What is a Federal Direct Loan?

A federal direct loan is money you borrow from the government that you have to pay back with interest. We encourage students to apply for grants and scholarships before taking out a student loan. A loan is a serious and long-term obligation.

Loan Eligibility

To be eligible for a federal student loan, you must:

- Submit the Free Application for Federal Student Aid (FAFSA) (https://studentaid.gov/h/apply-for-aid/fafsa)
- Demonstrate that you are qualified to enroll in college by one of the following means:
  - You have a high school diploma
  - You have a General Education Development (GED) Certificate
  - You passed the California High School Proficiency Exam (CHSPE)

- Be a US citizen or eligible non-citizen with a social security number (SSN)
- Be enrolled in an eligible degree or certificate program
- Be enrolled in six units that apply toward the completion of your program
- Maintain satisfactory academic progress
- Certify that you will use federal financial aid only for educational purposes
- Certify that you are not in default on a federal student loan and do not owe money on a federal student grant

The One Big Beautiful Bill Act (OBBBA) requires all institutions participating in the Federal Direct Loan Program to apply a federally established Schedule of Reductions (SOR). The reduction is based on the number of financial aid applicable units (https://flc.losrios.edu/admissions/financial-aid-and-fees/financial-aid-policies/course-applicability) you are enrolled in during the academic year.

The Los Rios Community College District calculates Federal Direct Loan disbursements based on your enrollment status each semester. Rather than dividing your annual loan amount equally between semesters, the amount you receive is determined by the number of units you are enrolled in for that specific semester. This is known as proportional loan disbursements.

Why Your Loan Amount Might Be Lower Than Expected

A new federal law (the One Big Beautiful Bill Act) requires all schools to reduce federal loan amounts for students who aren't enrolled full-time when their loan is disbursed.

What this means for you:

If you're not enrolled in 12 units (full-time) and currently attending classes on the day your loan is scheduled to pay out, your loan will be reduced to match the number of units you're actually taking at that time. This could mean you receive less money than you originally accepted.

Please review the following questions:

1. Are you enrolled in fewer than 12 units ?
2. Do you have any classes that begin later in the semester and are not already in session?

If you answered ***yes*** to either question , your federal loan amount will be reduced based on your enrollment status at the time of disbursement.

Master Promissory Note

All borrowers must sign the Master Promissory Note (MPN) annually. New borrowers must also complete entrance loan counseling through the Student Aid website (https://studentaid.gov/entrance-counseling/).

Bachelor's Degree Holders

Students with Bachelor's degrees may be eligible for federal loans (both subsidized and unsubsidized). These students will be asked to submit an appeal to be considered for eligibility.

Types of Federal Loans

Subsidized Direct Loans

Subsidized direct loans are given to eligible students who demonstrate financial need.

The federal government pays the interest on subsidized loans while you are enrolled in school at least half-time (six units). If you graduate, drop below half-time, or withdraw from school, then you have a six-month grace period where the federal government will continue to pay the interest on your loan. After the six-month grace period, you are responsible for paying the interest on your loan.

Unsubsidized Direct Loans

Unsubsidized direct loans are given to eligible students, regardless of their financial need. The combined amount of an unsubsidized direct loan and all other financial aid that you receive cannot exceed the cost of attendance.

Interest accrues from the time the loan is disbursed, and interest payments begin immediately but can be deferred until you are done with school. It is advantageous to pay the interest while you are in school. This way, the debt will be the principal amount only when repayment begins. Regular monthly payments begin six months after you graduate, drop below half-time status, or withdraw from school.

Annual Loan Limits

Year	Dependent Students (except students whose parents are unable to obtain PLUS Loans)	Independent Students (and dependent undergraduate students whose parents are unable to obtain PLUS Loans)
First-Year Undergraduate Annual Loan Limit	$5,500 – no more than $3,500 of this amount may be in subsidized loans.	$9,500 – no more than $3,500 of this amount may be in subsidized loans.
Second-Year Undergraduate Annual Loan Limit	$6,500 – no more than $4,500 of this amount may be in subsidized loans.	$10,500 – no more than $4,500 of this amount may be in subsidized loans.
Subsidized and Unsubsidized Aggregate Loan Limit	$31,000 – no more than $23,000 of this amount may be in subsidized loans.	$57,500 for undergraduates – no more than $23,000 of this amount may be in subsidized loans.

View Federal Student Loan interest rates (https://studentaid.gov/understand-aid/types/loans/interest-rates).

How to Apply for Loans

Steps to Apply (for Academic Year – Fall/Spring Semesters)

Step 1: Federal Direct Loan Request in eServices

Only students who received an Award Notification may submit a Federal Loan Request.

1. Log in to eServices (https://ps.losrios.edu/student/signon.html).
2. Select *Financial Aid*.
3. Select *Financial Aid Award Year*.
4. Click on the *Federal Direct Loan Request* link.

Step 2: Loans Offered

A notification will be sent to your message center within a week for you to accept the offer.

Step 3: Accept, Decline, or Reduce Loans Offered

(Note: Firefox browser is recommended.)

Once you receive notification that your loans were offered, you can accept the amount, decline the offer, or reduce the amount to fit your financial need.

To Accept: Once you receive notification that your loans were offered, you can accept the amount offered. After you accept the loans offered, you will see checklist items added to your *To Do List*.

To Decline: Once you receive notification that your loans were offered, you can decide to decline the loans completely.

1. Under the Awards, click on *Accept/Decline.*
2. Click on the *edit/pencil* icon.

3. Under *Award Decision* column, click *Accept*/*Decline* to accept or decline the award.
4. Click the *Submit* button to submit your loan.

Federal Direct Loans screenshot
(https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/financial-aid/shared/img/body-misc/financial-aid/fa-fed-direct-accept-decline-screenshot.jpg)

To Reduce: Once you receive notification that your loans were offered and you have determined that you do not need the amount offered, but would like a reduced amount, please follow these steps:

1. Under the Awards, click on *Accept/Decline*.
2. Click on the *edit/pencil* icon.
3. To **reduce** the award, click *Accept* under the *Award Decision* column
4. Check the *Reduce* box.
5. Enter the updated amount.
6. Click the *Submit* button to submit your loan.

After you accept the loans offered, you will see checklist items added to your To Do List.

Federal Direct Loans screenshot
(https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/financial-aid/shared/img/body-misc/financial-aid/fa-fed-direct-reduce-screenshot.jpg)

If the process doesn't work for you, please contact the Financial Aid Office (https://flc.losrios.edu/financial-aid).

Step 4: Origination (Automated Process)

After loans have been originated, you will then be allowed to complete the Master Promissory note (MPN) process. New borrowers must also complete undergraduate Student Loan Entrance Counseling (https://studentaid.gov/entrance-counseling/).

Students are encouraged to electronically sign the MPN annually via the Federal Student Aid/Master Promissory Note (https://studentaid.gov/mpn/) webpage.

Alternatively, students can complete, print, sign and mail a paper MPN.* Paper MPNs are available at the financial aid office upon request.

**A mailed paper MPN may delay your refund for up to two months.*

Mail a paper MPN (standard delivery) to:

US Department of Education
P.O. Box 1130
Fairfax, VA 22033

Mail a paper MPN (overnight or commercial courier) to:

US Department of Education
4050 Legato Road, #1100
Fairfax, VA 22033

Step 5: Disbursement

Typically, loans are disbursed to students who have satisfied all the requirements to receive loans.

Steps to Apply (for Summer Term)

If this is your first time applying for student loans for the academic year, then refer to the previous section, *Steps to Apply (for Academic Year – Fall/Spring Semesters)*.

This section explains how a student who already has Federal Direct Loans for the academic year can meet the criteria and apply for summer Federal Direct Loans.

Step 1: Meet the Criteria

Students must meet the following criteria to apply for Summer Federal Direct Loans:

1. Have not borrowed the maximum annual loan limit for your grade level and dependency status:

Year	Dependent Students (except students whose parents are unable to obtain PLUS Loans)	Independent Students (and dependent undergraduate students whose parents are unable to obtain PLUS Loans)
First-Year* Undergraduate Annual Loan Limit	$5,500 – no more than $3,500 of this amount may be in subsidized loans.	$9,500 – no more than $3,500 of this amount may be in subsidized loans.
Second-Year Undergraduate Annual Loan Limit**	$6,500 – no more than $4,500 of this amount may be in subsidized loans.	$10,500 – no more than $4,500 of this amount may be in subsidized loans.
Subsidized and Unsubsidized Aggregate Loan Limit	$31,000 – no more than $23,000 of this amount may be in subsidized loans.	$57,500 for undergraduates – no more than $23,000 of this amount may be in subsidized loans.

*First-Year is a student who has completed less than 30 units before the start of the semester.
**Second-Year is a student who has completed 30 or more units before the start of the semester.

2. Meet satisfactory academic progress (SAP) for the term or have an approved summer SAP appeal.

Step 2: Enroll in Courses

Enroll in at least three (3) units of financial aid-eligible courses.

Step 3: Submit Loan Request

Submit the *Summer Loan Request Form* at least one (1) week before your summer classes end. **Note:** Download the form to your computer and complete it in an application such as Adobe Acrobat or Preview. Do not fill out the form in your internet browser window. Contact the Financial Aid Office (https://flc.losrios.edu/financial-aid) if you have questions.

Step 4: Wait for Processing

Allow up to two (2) weeks for your summer loan request to be processed.

Borrower's Rights and Responsibilities

When you accept a loan, you accept legal rights and responsibilities that last until the loan is repaid.

Borrower's Rights

You have the right to:

- Receive a copy of your promissory note either before or at the time the loan is made
- Receive a disclosure statement before repayment on your loan begins, including information about:
  - Interest rates
  - Fees
  - Loan balance
  - The number of payments
  - The amount of each payment

- A grace period after you leave school or drop below half-time status and before your loan payments begin (if applicable)
- Prepay all or part of your loans without a repayment penalty
- Receive written notice if your loan is sold to a new holder
- Apply for deferment for your loan payments for certain specified periods (if eligible)
- Request forbearance from the holder of your loan if unable to make payments and don't qualify for deferment
- Receive proof when your loan is paid in full

Borrower's Responsibilities

You agree to:

- Repay your loan(s), including accrued interest and fees, even if you do not:
  - Complete or find satisfaction in your education
  - Complete the program within the regular timeframe
  - Obtain employment
- Attend exit counseling before you leave school or drop below half-time enrollment
- Notify your loan holder within ten days if you:
  - Change your name, address, or phone number
  - Drop below half-time status
  - Withdraw from school
  - Transfer to another school
  - Change your graduation date
- Direct all correspondence to your loan holder or servicer
- Make monthly payments on your loan after leaving school, unless you are granted a deferment or forbearance
- Notify your loan holder of anything that might change your eligibility for an existing deferment

First-Time Borrowers

If you are a first-time borrower or you had no outstanding balance on a Direct Loan, for federal regulations, you cannot receive a disbursement until 30 days after the first day of your enrolled class.

Visit the Student Aid website to learn more about receiving financial aid (https://studentaid.gov/complete-aid-process/receive-aid).

Loan Exit Counseling

All students who receive a loan must complete mandatory online loan exit counseling through the Department of Education. Loan exit counseling provides important information regarding repayment, deferment, and default prevention.

How to Complete Loan Exit Counseling

Visit the Student Aid website to complete loan exit counseling (https://studentaid.gov/exit-counseling/). You will need your FSA ID and password to complete the loan exit counseling. Be sure to select Folsom Lake College (federal school code: 038713) when asked, otherwise the Financial Aid Office will not receive confirmation that you completed the requirement.

When to Complete Loan Exit Counseling

Loan recipients must complete loan exit counseling when they do any of the following:

- Withdraw from college
- Drop below half-time units
- Transfer to another college
- Graduate

Failure to complete loan exit counseling may result in the delay of your financial aid processing.

Scholarships

What is a Scholarship?

A scholarship is money given to you to help pay for your education or related expenses. Scholarships come from a variety of sources, such as your college or a private organization.

Examples of types of scholarships:

- Merit scholarships are based on a student's achievements.
- School scholarships are given to students by the school they attend.
- Work scholarships require students to work to receive scholarship money.
- Field of Study scholarships are given to students pursuing a specific field of study or academic program.
- Need scholarships are based on financial need.

Learn More About Scholarships (https://flc.losrios.edu/scholarships)

College and Academic Regulations

Academic Freedom

The following is the **Statement of Principles on Academic Freedom** (American Association of University Professors):

- The purpose of this statement is to promote public understanding and support of academic freedom and tenure and agreement upon procedures to ensure them in colleges and universities. Institutions of higher education are conducted for the common good and not to further the interest of either the individual teacher or the institution as a whole. The common good depends upon the free search for truth and its free exposition.
- Academic freedom is essential to these purposes and applies to both teaching and research. Freedom in research is fundamental to the advancement of truth. Academic freedom in its teaching aspect is fundamental for the protection of the rights of the teacher in teaching and the freedom of the student in learning. It carries with it duties correlative with rights.
- Teachers are entitled to freedom in the classroom in discussing their subject, but they should be careful not to introduce into their teaching controversial matter, which has no relation to their subject.
- College and university teachers are citizens, members of a learned profession, and officers of an educational institution. When they speak or write as citizens, they should be free from institutional censorship or discipline, but their special position in the community imposes special obligations. As scholars and educational officers, they should remember that the public may judge their profession and their institution by their utterances. Hence they should at all times be accurate, should exercise appropriate restraint, should show respect for the opinions of others, and should make every effort to indicate that they are not speaking for the institution.

Academic Honors

The distinction of honors and highest honors is noted on a student's transcript for each semester in which a student has enrolled in twelve (12) units or more and has earned a grade point average (GPA) of at least 3.0 (honors) or 3.5 or higher (highest honors). Students earning highest honors will be notified by email of their eligibility to join the honor society, Phi Theta Kappa. Students earning honors or highest honors may be eligible to participate in the Honors Program.

Honors at Graduation

Students who maintain a high grade point average are eligible for honors at graduation. Students who maintain a grade point average of 3.0 or better are eligible for graduation with honors, and students who maintain a grade point average of 3.5 or better are eligible for graduation with highest honors. All undergraduate level coursework that a student has completed is used to calculate honors at graduation (including coursework taken outside of Los Rios). For ADT degrees, only transfer-level, undergraduate coursework is used.

The published lists of students are compiled from the data available at the time of publication and may be subject to subsequent revision.

Academic Renewal Without Course Repetition

A student may petition to have previous sub-standard grades (a "D," "F," or "NP") earned at Folsom Lake College discounted. Courses and grades that no longer reflect a student's current educational objective and current level of academic success may, upon petition, be discounted in the computation of the grade point average (Title 5, section 55046). The following conditions must apply:

1. A minimum of twelve (12) consecutive months shall have elapsed since the end of the semester or summer session in which the work to be alleviated was recorded, and a minimum of twelve (12) semester units (or its equivalent) with a grade of "C" or "Pass/Credit" or better shall have been attained. The coursework must have been completed at a regionally accredited college.
2. No more than thirty (30) units of substandard grades may be discounted by academic renewal districtwide.
3. Under no circumstances may coursework be discounted if it was used to fulfill requirements for a degree or certificate that has been awarded.
4. All grades remain on the permanent record and transcript of grades. However, a proper notation on the transcript will indicate the specific grades that were discounted from the grade point average.
5. The discounting resulting from academic renewal is permanent. If approved, courses and grades will remain visible on the transcript but will not be calculated in the GPA.
6. Academic renewal is not intended for courses that are required and/or will be repeated.
7. Nontransferable courses in math, English, or English as a second language (ESL) sequences that cannot be repeated because they are no longer offered may be academically renewed, waiving requirements "A" and "B" above, upon successful completion of a transfer-level course in the same sequence.

Attendance

For students to successfully complete their college work, regular class attendance is necessary, and students are expected to attend all sessions of classes in which they are enrolled. See Los Rios Regulation R-2222 (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/shared/doc/board/regulations/R-2222.pdf).

All students who remain enrolled in a class after the last day to withdraw (see the academic calendar (https://flc.losrios.edu/academic-calendar)) will be issued a letter grade for the course. If a student has stopped attending but not dropped the class, the student may receive an F grade for the course on their permanent record. Exception to this policy involves completion of the Student Petition, with appropriate signatures and documentation of extenuating circumstances.

Excessive Absences

Students are expected to attend all sessions of the class in which they are enrolled. Any student with excessive absences may be dropped from class (Title 5, Section 58004).

Per Los Rios Regulation R-2222, a student may be dropped from any class when that student's absences exceed six percent (6%) of the total hours of class time. Instructors shall state in each course syllabus what constitutes excessive absences for that course.

Non-Attendance at First Class

Per Los Rios Regulation R-2222 (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/shared/doc/board/regulations/R-2222.pdf), students who fail to attend the first session of a class may be dropped by the instructor.

Auditing Courses

Folsom Lake College does not permit auditing of classes. Auditing is defined as attending a course without having enrolled in the course, without responsibility for completing assignments, and without receiving a grade or credit.

Catalog Rights

For the purpose of graduating or earning a certificate from any college in the Los Rios Community College District, a student who attends at least one session (whether quarter, semester, or summer) in each calendar year at any California community college, California State University, University of California, or any regionally accredited institution of higher education, may choose to meet the requirements in effect at the Los Rios college from which the student intends to graduate, as follows:

- Requirements that were in effect at the time the student was admitted to a Los Rios college
- Requirements that were in effect at the time the student originally enrolled in an accredited college
- Requirements that were in effect at the intended date of graduation from a Los Rios college

Please note:

- Students with catalog rights prior to Fall 2025 can continue to follow the old local AA/AS GE pattern. Use the new local AA/AS GE requirements (https://flc.losrios.edu/catalog/local-ge) along with the new to old AA/AS GE mapping table (https://flc.losrios.edu/student-resources/counseling/cal-getc-and-general-education-guidance/mapping-new-to-old-local-general-education-requirements) to complete your general education requirements.
- A college may authorize or request substitution for discontinued courses.
- Students who change their major field of study may be required to complete those requirements for the major in effect at the point of change.
- For purposes of this section, "attendance" means taking classes in at least one session (semester or summer session) in each calendar year. Absence for attendance at another regionally accredited institution shall not be considered an interruption in attendance, per Los Rios Policy P-7242 (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/shared/doc/policies/board/P-7242.pdf).

Change of Address and/or Name

Requests to have a student's name changed are submitted directly to the Admissions & Records office. In order for this type of request to be processed, documentation (such as a marriage license, court documents, or naturalization papers) is required to verify a legal name change.

Students should report a change of address immediately. Changes can be submitted online in eServices (https://ps.losrios.edu/student/signon.html) or by submitting a Change of Data form to the Admissions & Records office. Folsom Lake College is not responsible for misdirected mail if the address change is not provided by the student.

Students can submit birth date and social security number corrections to the Admissions & Records office along with proper documentation (official birth certificates or social security verification).

Course Repetition and Repeatability

Repetition of courses must be conducted by all California community colleges in compliance with Title 5, sections 55029 and 55040 through 55046.

Course Repetition Where Substandard Grade is Recorded

Where a student has received a substandard grade in a course taken at a college, the student may repeat that course up to a maximum of two (2) times in an effort to alleviate the substandard academic grade. A substandard grade is defined as a notation of "D," "F," "NC" (No Credit), or "NP" (No Pass). This regulation is effective across all Los Rios colleges.

The grade and credits earned in the final enrollment shall be used exclusively in determining the grade points earned for that particular course (Cal. Code Regs., Title 5, section 55042).

Repeatable Courses

Courses taken where a grade of "C" or better was earned cannot be repeated. There are, however, certain specialized courses that are designated as "repeatable" and are listed as such in the course description. These include:

- Courses for which repetition is necessary to meet the major requirements of CSU or UC for completion of a bachelor's degree
- Intercollegiate athletics and their related conditioning courses may be repeated to meet requirements for California Community College Athletic Association (CCCAA) eligibility.
- Intercollegiate academic or vocational competition courses with the primary purpose of preparing students for competition
- Variable unit courses that are open entry/exit, such as math, reading, and writing laboratory courses. Students may re-enroll in these courses as many times as necessary to complete, one time, the entire curriculum of the course.
- Work Experience courses, which can be repeated when there is new or expanded learning on the job for a maximum of six (6) to sixteen (16) units.

Exceptions to Course Repetition Requirements

Unless a specific exception applies, a student who has received a satisfactory grade shall not repeat the course. Satisfactory grade is defined as "A," "B," "C," "P" (Pass), or "CR" (Credit). There are special circumstances that allow for repetition. However, the student must submit a petition requesting the course repetition. Special circumstances include:

- Students may repeat a course where that course is required by a statute or regulation as a condition of continued paid or volunteer employment, or as a result of a significant change in industry or licensure standards such that repetition is necessary for employment or licensure. These repetitions are not limited and are granted based on the college's verification of established legal mandates (Cal. Code Regs., Title 5, section 55040). When repetition is allowed under this provision, credit will be awarded for the repeated course, and credit will be retained for the previous attempt(s).
- Students may repeat a course if there has been a significant lapse of time (more than three years) since the first grade was obtained, and:
    - If the college has a properly established recency prerequisite for a course or program (Cal. Code Regs., Title 5, section 55043) that the student shall not be able to satisfy without repeating the course in question.
    - If the college finds that another institution of higher education to which the student seeks to transfer has established a recency requirement that the student shall not be able to satisfy without repeating the course in question (Cal. Code Regs., Title 5, section 55043).
    - When repetition is allowed under this provision, the credit and grade recorded for the repeated course will be discounted, and the units and grade from the prior attempt(s) will be retained.

- The college finds that the student's most recent previous grade is, at least in part, the result of extenuating circumstances. Extenuating circumstances are verified cases of accident, illness, or other circumstances beyond the student's control. This is a one-time exception and may permit a fourth attempt. When repetition is allowed under this provision, credit will be awarded for the repeated course, and the units and grades from the prior attempt will be discounted.
- An educational assistance course, such as adaptive physical education, may be repeated any number of times by petition when the continuing success of the student in other courses is dependent on additional repetitions; when additional repetitions of the course are essential to completing a student's preparation for enrollment into other courses; or when the student has an Academic Accommodation Plan which involves a goal other than completion of the educational assistance class in question and repetition of the course will further achievement of that goal. (Cal. Code Regs., Title 5, section 55029) When repetition is allowed under this provision, credit will be awarded for the repeated course, and credit will be retained for the previous attempt(s). For more information on this type of course repetition, consult with a DSPS Counselor.

Course Families and Limitations on Active Participatory Courses

Active participatory courses are those courses where individual study or group assignments are the basic means by which learning objectives are obtained. These include kinesiology/physical education (PE) active participatory courses, as well as visual and performing arts active participatory courses (theatre arts, music, and art). Some courses in these categories are related in content and have been placed in groups that the Los Rios colleges call "families" of courses. Each family of courses allows for skill development beyond an introductory level.

Students are limited to taking a maximum of four courses in any one family across all four Los Rios colleges, regardless of how many courses there are. Sometimes a family of courses may include more than four. For example, the Modern Dance Technique family of courses across the four Los Rios colleges includes five courses – DANCE 330 through DANCE 334 (Modern Dance I, II, III, IV, and V). A student may not petition to exceed the number of attempts within a course family.

In addition, if a student gets a substandard grade [a notation of "D," "F," "NC" (No Credit), "NP" (No Pass), or "W" (Withdrawal)] in any course within a family, the substandard grade counts as one of the four course limitations in the family. The list of families of courses (https://flc.losrios.edu/course-families) is available online and in the Counseling office. Consult with a counselor for more information.

External Attempts and Duplicative Credit

For the purpose of course repetition, attempts at regionally accredited colleges and universities outside the Los Rios Community College District shall not be included in calculating the number of attempts in a course. If external credit is determined to be equivalent to courses attempted with substandard grades in Los Rios, the most recent prior attempt within Los Rios may be discounted as permissible in course repetition policies. If accepting external credit results in duplicative non-repeatable credit appearing on the student record (transcript), such credit shall not be applied to meet general education, degree, or major requirements.

Course Time Conflict/Course Overlap

Students may not enroll in two classes that meet during part of the same hour, except through a petition process. The student must state their justification for enrolling in the overlapping class, and instructors must indicate how the missed time will be made up (Title 5, Section 58031).

Good Standing

In determining a student's eligibility to acquire or remain in good standing at Folsom Lake College, both quality of performance and progress toward completion of objectives are considered. A student who completes 12 or more semester units, earns a 2.0 GPA on a 4.0 grading scale, and completes more than 50 percent of all enrolled units, merits good standing with the college. Students in good standing are limited to 18 units per semester. In exceptional cases, a student may initiate a petition with a counselor to exceed the 18-unit limit.

Grades and Grade Point Averages (GPA)

Types of Grades

Letter Grade	Explanation	Grade Points Per Unit
A	Excellent	Four (4) grade points per unit
B	Good	Three (3) grade points per unit
C	Satisfactory	Two (2) grade points per unit
D	Passing (not satisfactory)	One (1) grade point per unit
F	Failing	Zero (0) grade points per unit
P	Pass (C or better)	Not computed in GPA
NP	No Pass (less than C)	Not computed in GPA; affects progress notice and pause
I	Incomplete	Not computed in GPA; affects progress notice and pause
W	Withdrawal	Not computed in GPA; affects progress notice and pause
EW	Excused Withdrawal	Not computed in GPA; does not affect progress notice and pause; does not count as one of your three attempts

Grade Point Average

The grade point average is found by taking the (total grade points earned) divided by the (total units attempted with a letter grade).

Progress Percentage

The progress percentage is found by taking the (total units with "W," "I," and "NC") divided by the (total units enrolled).

Pass/No Pass Grading

A student may elect to have graded courses that allow "Pass/No Pass (P/NP)" evaluation to be assessed as "Pass/No Pass." A petition must be filed with the admissions office before the deadline published in the academic calendar. An "A", "B," or "C" grade will be recorded as "P" with Grade Points Per Unit. A "D" or "F" grade will be recorded as "NP" with No Grade Points Per Unit. Units attempted for P/NP grades are not computed in the grade point average but are used for determining progress notice and pause. Once you have filed for P/NP grading in a course, it cannot be changed to a letter grade.

Incomplete Grading

An instructor may assign an incomplete grade, "I", when the instructor believes the student cannot complete the requirements of the class before the end of the semester due to unforeseeable emergency and justified reasons. To receive credit for the class, the student must finish the incomplete work within one year after the end of the semester. After the work is completed and evaluated, or when the time has expired, a final grade will be assigned. A student receiving an incomplete may not reenroll in the class.

In Progress

If you receive an "in-progress" grade, you must re-enroll in the class in the next semester. If you don't re-enroll, a grade will be assigned instead of "in progress."

Withdrawal from Class

A student may officially drop a class without notation on the permanent academic record/transcript before the point at which 15% of a class has occurred (see the academic calendar (https://flc.losrios.edu/admissions/academic-calendar) for withdrawal deadlines). Withdrawals occurring after this time, and before the point at which 75% of the class has occurred, shall result in a "W" notation on the permanent academic record/transcript. Official withdrawals are those that have been processed via eServices or in the Admissions and Records office.

A "W" notation on the permanent academic record/transcript is used for determining progress notice and progress pause. No withdrawals are permitted after the "W" notation deadline, except due to extenuating circumstances (cases of accidents, illness, or other circumstances beyond the control of the student), for which a student may request withdrawal through the student petition process. After consultation with the instructor and with administrative approval, the grade may be recorded as an excused withdrawal ("EW") rather than as a less-than-satisfactory or failing grade on the permanent academic record/transcript. The college may present the student with options to attempt to mitigate extenuating circumstances presented in a petition for an excused withdrawal and allow the student to remain enrolled; students may indicate they are willing to consider these options on the petition.

Excused withdrawal shall not be counted in progress notice and pause calculation. Excused withdrawal shall not be counted toward the permitted number of withdrawals or counted as an enrollment attempt.

Military withdrawal is available for students who are members of an active or reserve military service and who receive orders compelling a withdrawal from courses. Students requesting military withdrawal must file a student petition and include supporting documentation.

Remedial Unit Limitation

The California Community Colleges Board of Governors has adopted regulations limiting the number of remedial course units a student may take to 30. These courses are usually numbered 1 through 99. Students may petition for a waiver to the 30-unit limitation through a counselor. However, federal financial aid does not allow a student to receive aid for more than 30 remedial units.

Transcripts

Order Transcripts Online

Current and former students can order transcripts and authorize the release of student records online. Students must submit a separate order for each Los Rios college they attended.

Order Transcripts Online (https://flc.losrios.edu/order-transcripts)

Unit/Academic Load

Per Los Rios Regulation R-7211: Maximum and Recommended Academic Load (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/shared/doc/board/regulations/R-7211.pdf), 15 units each semester is considered a full load. 12 units each semester is a minimum full-time load and is usually acceptable to qualify for scholarships, grants, loans, and holding student offices.

Fall/Spring Semester

18 units per semester is a maximum load. The unit limit is district-wide. A petition to exceed the maximum load must be submitted in writing to the college at which the additional units will be taken prior to registration. A student may petition up to a maximum of six (6) additional units (for a total of 24 units) district-wide through this process.

Summer Session

Eight (8) units per summer session is a maximum load. The unit limit is district-wide. A petition to exceed the maximum load must be submitted in writing to the college at which the additional units will be taken prior to registration. A student may petition up to a maximum of four (4) additional units (for a total of 12 units) district-wide through this process.

Special Considerations

Full governmental subsistence for veterans and dependents requires the unit load of twelve (12) units (with reduced benefit amounts dependent on the total number of enrolled units).

The following categories require the minimum unit load indicated:

- International students – twelve (12) units
- Student-athletes – twelve (12) units, including kinesiology/physical education

Unit of Credit

Units of credit are assigned to courses based on the "Carnegie Unit," which assigns one unit of credit for three hours of work by the student per week. Usually this means one hour of lecture or discussion led by the instructor and two hours of outside preparation by the student. In laboratory courses, three hours of work in the laboratory are normally assigned one unit of credit which may include some additional preparation outside of class time. Students can find the number of units of credit with each course description.

Academic and Progress Notice and Pause

Folsom Lake College uses **Academic Notice, Progress Notice, Academic Pause,** and **Progress Pause** to identify students who are struggling and offer them support.

We will notify you if you are in one of these standings, or you can view your academic standing on your unofficial transcript after grades are posted each semester. Log in to eServices (https://ps.losrios.edu/student/signon.html), then click *Academic Records* to find your unofficial transcript. If you are in notice or pause status, then you may need to meet certain requirements to remain enrolled in classes.

Definitions

Academic Notice and Academic Pause (AN1, AN2, AP)

Students who have attempted at least 12 semester units, and whose cumulative GPA is below 2.0, will be placed on **Academic Notice 1 (AN1)**.

After the second consecutive semester of a cumulative GPA below 2.0, student will be placed on **Academic Notice 2 (AN2)**.

After the third consecutive semester, students are placed on **Academic Pause (AP)**.

When the overall GPA improves to 2.0 or higher, the student returns to **Good Standing**.

Progress Notice and Progress Pause (PN1, PN2, PP)

Students who have attempted at least 12 semester units are placed on **Progress Notice 1 (PN1)** when W, I, and NP grades are recorded in one half or more of all units in which a student has enrolled.

After the second consecutive semester, students fall into **Progress Notice 2 (PN2)**.

After the third consecutive semester, students are placed on **Progress Pause (PP)**.

When the overall FLC transcript has less than one half of W, I, or NP grades, the student returns to **Good Standing**.

Potential Consequences

Students who are placed on **Academic Notice 2, Progress Notice 2,** or **Pause:**

- Will lose priority registration as a continuing student and will only be able to register for classes during open enrollment (which is later than priority 1 and 2)
- May lose their California College Promise Grant (https://flc.losrios.edu/admissions/financial-aid-and-fees/types-of-financial-aid/grants) eligibility

Students who have a term GPA of 2.0 and have completed more than half the attempted units for the term may appeal their loss of priority registration or the California College Promise Grant.

How to Address Your Notice or Pause Hold

PASS AP1/PP1 logo

Academic Notice 1 (AN1, PN1)

Meet with a success coach to discuss strategies.

PASS AP2/PP2 logo

Academic Notice 2 (AN2,PN2)

Meet with a success coach to discuss strategies.

PASS AD/PD logo

Pause (AP, PP)

Complete the Readmit Petition and meet with a counselor to update student education plan.

Enrollment Verification

Students can download or request enrollment verification for child care, health insurance, and car insurance online using the following steps.

Automated Verification via eServices

You can download or print an enrollment verification certificate for free online through eServices (https://ps.losrios.edu/student/signon.html).

1. Log in to eServices (https://ps.losrios.edu/student/signon.html).
2. Click on *Academic Records*.
3. Click on *Enrollment Verification*.

Custom Verification Request

If your request cannot be accommodated through the automated system, you may request a custom verification online via eServices using the steps below. Custom verifications have a turnaround time of three to five business days.

1. Log in to eServices (https://ps.losrios.edu/student/signon.html).
2. Click on *Student eForms and Petitions*.
3. Click on *Admission and Records*.
4. Click on *Enrollment Verification*.

Third-Party Requests

The National Student Clearinghouse acts as Folsom Lake College's agent for verification of student enrollment and degree status. You can obtain an official enrollment verification online at National Student Clearinghouse (https://studentclearinghouse.org/) or by calling (703) 742-4200.

Credit for Prior Learning and Alternative Study Options

In addition to regular classes, students may receive college credit for prior learning and alternative study options.

Credit for Prior Learning

Advanced Placement (AP) Exams

Folsom Lake College grants credit for College Board Advanced Placement (AP) examinations. A student who meets the following requirements may receive credit for exams they successfully passed:

- Official copies of test scores are on file with Admissions and Records
- Student is in good standing, which is defined as having a minimum 2.0 grade point average (GPA)
- The student must have previously earned credit from Los Rios Community College District or be currently registered as a student

Students should be aware that other colleges and universities have the right to accept, modify, or reject the use of AP scores towards their graduation requirements. Check with your counselor to determine whether these test results will be accepted at the transfer institution of your choice.

Review the AP Credit Chart (https://flc.losrios.edu/ap-scores-chart) to see how Folsom Lake College grants credit for AP exams.

Visit College Board's Advanced Placement Program website (https://ap.collegeboard.org) to learn more.

College-Level Examination Program (CLEP)

Folsom Lake College grants credit for College-Level Examination Program (CLEP) examinations. CLEP scores fulfill general education areas only; they **do not** fulfill graduation competencies, requirements for any major at Folsom Lake College, or enrollment limitations (such as prerequisite requirements) for any course at Folsom Lake College.

A student may receive credit for CLEP exams they have successfully passed once the following requirements are met:

- Official copies of test scores are on file with Admissions and Records
- Student is in good standing, which is defined as having a minimum 2.0 grade point average (GPA)
- The student must have previously earned credit from Los Rios Community College District or be currently registered as a student

Visit College Board's College-Level Examination Program website (https://clep.collegeboard.org) to learn more.

CLEP scores are **not** accepted for transfer to the University of California. Students should be aware that other colleges and universities have the right to accept, modify, or reject the use of CLEP scores towards their graduation requirements. Check with your counselor to determine whether these test results will be accepted at the transfer institution of your choice.

Review the CLEP Credit Chart (https://flc.losrios.edu/clep-scores-chart) to see how Folsom Lake College grants credit for CLEP exams.

International Baccalaureate (IB) Tests

Folsom Lake College may award college credit for international baccalaureate (IB) higher-level course completion, if the coursework is compatible with the college's curriculum. No credit will be granted for lower-level coursework completed in the IB program.

A student who meets the following requirements may receive credit for IB tests they successfully passed:

- Official copies of test scores are on file with Admissions and Records
- Student is in good standing, which is defined as having a minimum 2.0 grade point average (GPA)
- The student must have previously earned credit from Los Rios Community College District or be currently registered as a student

Review the IB Credit Chart (https://flc.losrios.edu/ib-scores-chart) to see how Folsom Lake College grants credit for IB tests.

Students should be aware that other colleges and universities have the right to accept, modify, or reject the use of IB scores towards their graduation requirements. Check with your counselor to determine whether these test results will be accepted at the transfer institution of your choice.

Students who have earned credit from an IB test should not take a comparable college course because transfer credit will not be granted for both.

Visit the International Baccalaureate (IB) website (https://www.ibo.org/programmes/diploma-programme/assessment-and-exams/requesting-transcripts/) to learn more.

Credit by Examination

Under special circumstances and with department approval, students regularly enrolled and in good standing who believe they are qualified by experience or previous training may take a special examination to establish credit in a course in which they are not formally enrolled. A student who wishes to petition for credit by examination must have:

- Be currently enrolled and in good standing at Folsom Lake College
- Have an education plan on file
- Request a course that is listed in the current college catalog
- Not previously received credit for a particular course

Successful completion of a course by examination is recorded on the permanent record/transcript as a Pass (P) grade. The P grade does not enter into the computation of the student's GPA.

Limitations

Units earned through credit by examination may not be used to satisfy the 12-unit residency requirement for graduation. Credit by examination does not apply to all courses, and in some instances, the process may require measures of evaluation.

Some four-year colleges and universities do not accept units granted through credit by examination. Students are encouraged to meet with a counselor for more information.

For the appropriate petition form and additional information, contact Admissions and Records (https://flc.losrios.edu/admissions-records).

Credit for Military Education and Training

Military personnel and veterans may receive course credit for prior military education and training.

See Credit for Military Experience (https://flc.losrios.edu/military-credit) for more information.

Alternative Study Options

Distance/Online Education

Folsom Lake College offers instruction via the internet. This includes online course sections where all work is carried out online, and partially online course sections where instruction is divided between online and in-person modalities.

To be successful in online courses, students need to be self-directed, motivated, and able to independently complete and electronically submit assignments on schedule. Students will also need reliable access to a computer and basic internet skills.

Online Classes

In online classes, classes meet online and all coursework is done online. Class schedules will indicate whether an online class is asynchronous (meaning there are no scheduled meeting times) or synchronous (meaning there are regularly scheduled meetings through teleconference).

Partially Online or "Hybrid" Classes

Partially online classes feature a mix of online and in-person meetings and coursework. Class schedules will indicate the day/time of the in-person, on-campus class sessions.

Online Learning Platform

All online classes are offered through Canvas (https://lrccd.instructure.com/), a cloud-based learning management system used by faculty and students within Los Rios Community College District.

Learn more about online education at Folsom Lake College (https://flc.losrios.edu/academics/online-education).

Independent Study

An independent study course involves an individual student or small group of students in study, research, or activities beyond the scope of regularly offered courses, pursuant to an agreement among the college, faculty member, and student(s). Independent studies require regular meetings between the student and instructor. Additionally, the instructor may require examinations or other measures of evaluation, field trips, term papers, and other assignments.

Please note that some four-year colleges and universities do not accept units granted through independent study. Students are encouraged to meet with a counselor for more information.

For the appropriate petition and course proposal form, please contact Admissions and Records (https://flc.losrios.edu/admissions-records).

Credit for Military Service

Veterans may receive college credit for military service.

See Credit for Military Experience (https://flc.losrios.edu/military-credit) for more information.

Study Abroad

Study abroad can be an enlightening, maturing, and life-changing experience. Students are challenged to re-examine themselves, their attitudes, and their studies as they learn to understand new and different cultures. In cooperation with the American Institute for Foreign Study, Los Rios Community College District offers unique study opportunities in cities such as:

- London, England
- Barcelona, Spain
- Florence, Italy

Requirements for Study Abroad

To study abroad, students must:

- Be at least 18 years old
- Be in good academic standing with 12 college units completed by the time you go abroad
- Have a minimum overall grade point average (GPA) of 2.25

During the 13-week Study Abroad program, all students take 12 units – a three-unit Life and Culture class, an additional Los Rios class, and two other classes from the list of offerings.

Financial Aid for Study Abroad

Financial Aid is available for study abroad.

Upcoming Study Abroad Opportunities

Learn more about current and upcoming study abroad opportunities (https://flc.losrios.edu/study-abroad).

Work Experience and Internship Program

Work experience is an academic program in which students apply what they have learned in the classroom to a job or internship and work to earn college credits. There are two types of programs: vocational and general.

For more information, please visit the Work Experience and Internship Program (https://flc.losrios.edu/wexp).

Advanced Placement Test Scores

Students may earn credit for College Entrance Board Advanced Placement (AP) tests with scores of 3, 4, or 5. AP scores can be used to meet Folsom Lake College Local AA/AS General Education requirements or California General Education Transfer Curriculum (Cal-GETC) requirements.

A student may receive credit for AP exams they have successfully passed once the following requirements are met:

- Official copies of test scores are on file with Admissions and Records
- Student is in good standing, which is defined as having a minimum 2.0 grade point average (GPA)
- The student must have previously earned credit from Los Rios Community College District or be currently registered as a student

Students should be aware that other colleges and universities can accept, modify, or reject using AP scores towards their graduation requirements. Check with your counselor to determine whether these test results will be accepted at the transfer institution of your choice.

Folsom Lake College General Education AP Credit

The use of AP exam scores for Folsom Lake College course credit and general education is determined by Folsom Lake College policy.

AP Exam	Exam Score	FLC Course Credit	Satisfies FLC GE Area	Units Earned at FLC
2-D Art and Design	3, 4, 5	N/A	N/A	3
3-D Art and Design	3, 4, 5	N/A	N/A	3
Art History	3, 4, 5	ARTH 300	L3: Arts and Humanities	3
Biology	3	BIOL 300	L5: Natural Sciences	3
Biology	4, 5	BIOL 310	L5: Natural Sciences	4
Calculus AB	3, 4, 5	MATH 400	L2: Mathematical Concepts and Quantitative Reasoning	5
Calculus BC	3, 4, 5	MATH 400 and MATH 401	L2: Mathematical Concepts and Quantitative Reasoning	10
Calculus BC/AB Subscore	3, 4, 5	N/A	L2: Mathematical Concepts and Quantitative Reasoning	3
Chemistry (taken Fall 2009 or later)	3, 4	CHEM 305	L5: Natural Sciences	5
Chemistry (taken Fall 2009 or later)	5	CHEM 400	L5: Natural Sciences	5
Chinese Language and Culture	3, 4, 5	N/A	L3: Arts and Humanities	8
Comparative Government and Politics	3, 4, 5	N/A	L4: Social and Behavioral Sciences	3
Computer Science A	3	N/A	N/A	3
Computer Science A	4, 5	CISP 300	N/A	3
Computer Science AB	3, 4, 5	N/A	N/A	3
Computer Science Principles	3, 4, 5	CISC 310	N/A	3
Cybersecurity	3, 4, 5	CISS 310	N/A	4
Drawing	3, 4, 5	ART 300	L3: Arts and Humanities	3
English Language and Composition	3, 4, 5	ENGL C1000 (formerly ENGWR 300)	L1A: English Composition	3

AP Exam	Exam Score	FLC Course Credit	Satisfies FLC GE Area	Units Earned at FLC
English Literature and Composition	3, 4, 5	ENGL C1000 (formerly ENGWR 300)	L1A: English Composition **and** L3: Arts and Humanities	6
Environmental Science	3, 4, 5	BIOL 350	L5: Natural Sciences	4
European History	3, 4, 5	HIST 302	L3: Arts and Humanities **or** L4: Social and Behavioral Sciences	3
French Language and Culture	3, 4, 5	FREN 401 and FREN 402	L3: Arts and Humanities	8
German Language and Culture	3, 4, 5	N/A	L3: Arts and Humanities	8
Human Geography	3, 4, 5	GEOG 310	L4: Social and Behavioral Sciences	3
Italian Language and Culture	3, 4, 5	N/A	L3: Arts and Humanities	8
Japanese Language and Culture	3, 4, 5	N/A	L3: Arts and Humanities	8
Latin	3, 4, 5	N/A	L3: Arts and Humanities	3
Macroeconomics	3, 4, 5	ECON C2002 (formerly ECON 302)	L4: Social and Behavioral Sciences	3
Microeconomics	3, 4, 5	ECON C2001 (formerly ECON 304)	L4: Social and Behavioral Sciences	3
Music Theory	3	N/A	L3: Arts and Humanities	3
Music Theory	4, 5	MUFHL 400	L3: Arts and Humanities	4
Physics 1: Algebra-Based	3, 4, 5	N/A	L5: Natural Sciences	4
Physics 2: Algebra-Based	3, 4, 5	N/A	L5: Natural Sciences	4
Physics 1: Algebra-Based, and Physics 2: Algebra-Based	4, 5	PHYS 350 and PHYS 360	L5: Natural Sciences	8
Physics C: Electricity and Magnetism	3, 4, 5	N/A	L5: Natural Sciences	4
Physics C: Mechanics	3, 4, 5	N/A	L5: Natural Sciences	4
Precalculus	3, 4, 5	N/A	L2: Mathematical Concepts and Quantitative Reasoning	3
Psychology	3, 4, 5	PSYC C1000 (formerly PSYC 300)	L4: Social and Behavioral Sciences	3
Seminar	3, 4, 5	N/A	N/A	3
Spanish Language and Culture	3, 4, 5	SPAN 401 and SPAN 402	L3: Arts and Humanities	8
Spanish Literature and Culture	3, 4, 5	N/A	L3: Arts and Humanities	3
Statistics	3, 4, 5	STAT C1000 (formerly STAT 300)	L2: Mathematical Concepts and Quantitative Reasoning	4
US Government and Politics	3, 4, 5	N/A	L4: Social and Behavioral Sciences	3
US History	3, 4, 5	HIST C1001 (formerly HIST 310) and HIST C1002 (Formerly HIST 311)	L3: Arts and Humanities **or** L4: Social and Behavioral Sciences **or** Va: American Institutions (before Fall 2025)	6

AP Exam	Exam Score	FLC Course Credit	Satisfies FLC GE Area	Units Earned at FLC
World History (taken before Fall 2019)	3, 4, 5	HIST 307 and HIST 308	L3: Arts and Humanities **or** L4: Social and Behavioral Sciences	6
World History – Modern	3, 4, 5	HIST 308	L3: Arts and Humanities **or** L4: Social and Behavioral Sciences	3

Cal-GETC AP Credit

Visit Cal-GETC Credit by External Exams (Section 6.1) (https://icas-ca.org/cal-getc-standards/#61-advanced-placement-ap) to find information on how credit is granted for general education using the Cal-GETC pattern. Note that each CSU and UC campus individually determines how it will apply external examination credit in the major. For more information about AP credit, consult a counselor.

CSU AP Credit

Visit CSU's AP Credit Page (https://www.calstate.edu/apply/transfer/Pages/External-Exam-Credit.aspx) for information on how credit is granted for admission and general education. Note that each campus in the CSU system individually determines how it will apply external examination credit in the major. For more information about AP credit, consult a counselor.

UC AP Credit

Visit UC's AP Credit Page (https://admission.universityofcalifornia.edu/admission-requirements/ap-exam-credits/ap-credits/) for information on how credit is granted for admission and general education. Note that each campus in the UC system individually determines how it will apply external examination credit in the major. For more information about AP credit, consult a counselor.

College-Level Examination Program Scores

Folsom Lake College grants credit for College Level Examination Program (CLEP) examinations. CLEP scores may be used to meet Folsom Lake College Local AA/AS General Education requirements; they **do not** fulfill requirements for any major at Folsom Lake College or enrollment limitations (such as prerequisite requirements) for any course at Folsom Lake College.

A student may receive credit for CLEP exams they have successfully passed once the following requirements are met:

- Official copies of test scores are on file with Admissions and Records
- Student is in good standing, which is defined as having a minimum 2.0 grade point average (GPA)
- The student must have previously earned credit from Los Rios Community College District or be currently registered as a student

Visit College Board's College Level Examination Program (https://clep.collegeboard.org/) to learn more.

CLEP scores are **not** accepted for transfer to the University of California. Students should be aware that other colleges and universities can accept, modify, or reject using CLEP scores towards their graduation requirements. Check with your counselor to determine whether these test results will be accepted at the transfer institution of your choice.

Folsom Lake College General Education CLEP Credit

The use of CLEP exam scores for Folsom Lake College course credit and general education is determined by Folsom Lake College policy.

CLEP Exam	CLEP Score	FLC Course Credit	FLC GE Area	Units Earned at FLC
American Government	50	N/A	L4: Social and Behavioral Sciences **or** Va: American Institutions (before Fall 2025)	3
American Literature	50	N/A	L3: Arts and Humanities	3
Analyzing and Interpreting Literature	50	N/A	L3: Arts and Humanities	3
Biology	50	N/A	L5: Natural Sciences	3
Calculus	50	N/A	L2: Mathematical Concepts and Quantitative Reasoning	3
Chemistry	50	N/A	L5: Natural Sciences	3
College Algebra	50	N/A	L2: Mathematical Concepts and Quantitative Reasoning	3
College Algebra – Trigonometry	50	N/A	L2: Mathematical Concepts and Quantitative Reasoning	3
French Level II	59	N/A	L3: Arts and Humanities	3
German Level II	60	N/A	L3: Arts and Humanities	3
History, United States I	50	N/A	L4: Social and Behavioral Sciences **or** Va: American Institutions (before Fall 2025)	3

CLEP Exam	CLEP Score	FLC Course Credit	FLC GE Area	Units Earned at FLC
History, United States II	50	N/A	L4: Social and Behavioral Sciences **or** Va: American Institutions (before Fall 2025)	3
Human Growth and Development	50	N/A	L4: Social and Behavioral Sciences **or** L7B. Life Development Skills	3
Humanities	50	N/A	L3: Arts and Humanities	3
Introductory Psychology	50	N/A	L4: Social and Behavioral Sciences	3
Introductory Sociology	50	N/A	L4: Social and Behavioral Sciences	3
Natural Sciences	50	N/A	L5: Natural Sciences	3
Pre-Calculus	50	N/A	L2: Mathematical Concepts and Quantitative Reasoning	3
Principles of Macroeconomics	50	N/A	L4: Social and Behavioral Sciences	3
Principles of Microeconomics	50	N/A	L4: Social and Behavioral Sciences	3
Spanish Level II	63	N/A	L3: Arts and Humanities	3
Spanish and Writing Level II	63	N/A	L3: Arts and Humanities	3
Western Civilization I	50	N/A	L3: Arts and Humanities **or** L4: Social and Behavioral Sciences	3
Western Civilization II	50	N/A	L3: Arts and Humanities **or** L4: Social and Behavioral Sciences	3

Exceptions

Folsom Lake College does not offer credit for the following CLEP exams, and these exams do not satisfy associate degree general education requirements:

- College Composition
- College Composition – Modular
- College Mathematics
- English Composition (with essay)
- English Composition (without essay)
- Financial Accounting
- French Level I
- Freshman College Composition
- German Level I

- Information Systems and Computer Applications
- Introduction to Educational Psychology
- Introduction to Business Law
- Principles of Accounting
- Principles of Management
- Principles of Marketing
- Social Sciences and History
- Spanish Level I
- Spanish with Writing I

CSU CLEP Credit

Visit CSU's CLEP Page (https://www.calstate.edu/apply/transfer/Pages/External-Exam-Credit.aspx#InplviewHash6d53e609-96a0-4440-9e6f-dc217d795740=FilterField1%3DAcademicYear-FilterValue1%3D2025%252D2026) to find information on how credit is granted for admission and general education. Note that each campus in the CSU system individually determines how it will apply external examination credit in the major. For more information about CLEP credit, consult a counselor.

Cal-GETC and UC

CLEP may not be used for Cal-GETC credit and is not accepted in the UC system.

International Baccalaureate Test Scores

Folsom Lake College may award college credit for international baccalaureate (IB) higher-level (HL) course completion, if the coursework is compatible with the college's curriculum. IB test scores may be used to meet Folsom Lake College Local AA/AS General Education requirements or California General Education Transfer Curriculum (Cal-GETC) requirements. No credit will be granted for lower-level coursework completed in the IB program.

A student may receive credit for IB tests they have successfully passed once the following requirements are met:

- Official copies of test scores are on file with Admissions and Records
- Student is in good standing, which is defined as having a minimum 2.0 grade point average (GPA)
- The student must have previously earned credit from Los Rios Community College District or be currently registered as a student

Students should be aware that other colleges and universities can accept, modify, or reject using IB scores towards their graduation requirements. Check with your counselor to determine whether these test results will be accepted at the transfer institution of your choice.

Students who have earned credit from an IB exam should not take a comparable college course because transfer credit will not be granted for both.

Folsom Lake College General Education IB Credit

The use of IB exam scores for Folsom Lake College course credit and general education is determined by Folsom Lake College policy.

IB Exam	Passing Score	FLC Course Credit	FLC GE Area	Units Earned at FLC
Biology HL	5	N/A	L5: Natural Sciences	3
Chemistry HL	5	CHEM 305	L5: Natural Sciences	5
Chemistry HL	6	CHEM 300	L5: Natural Sciences	5
Chemistry HL	7	CHEM 400	L5: Natural Sciences	5
Economics HL	5	ECON C2002 (formerly ECON 302) and ECON C2001 (formerly ECON 304	L4: Social and Behavioral Sciences	6
Geography HL	5	N/A	L4: Social and Behavioral Sciences	3
History HL (any region)	5	N/A	L3: Arts and Humanities **or** L4: Social and Behavioral Sciences	3
Language A: Language and Literature HL (any language)	5	N/A	L3: Arts and Humanities	3
Language A: Literature HL (any language)	5	N/A	L3: Arts and Humanities	3
Language B HL (any language)	5	N/A	N/A	3
Mathematics HL	5	N/A	L2. Mathematical Concepts and Quantitative Reasoning	3
Mathematics: Analysis and Approaches HL	5	N/A	L2. Mathematical Concepts and Quantitative Reasoning	3
Mathematics: Applications and Interpretation HL	5	N/A	L2. Mathematical Concepts and Quantitative Reasoning	3
Physics HL	5	N/A	L5: Natural Sciences	3

IB Exam	Passing Score	FLC Course Credit	FLC GE Area	Units Earned at FLC
Psychology HL	5	PSYC C1000 (formerly PSYC 300)	L4: Social and Behavioral Sciences	3
Theatre HL	5	N/A	L3: Arts and Humanities	3

Cal-GETC IB Credit

Visit Cal-GETC Credit by External Exams (Section 6.2) (https://icas-ca.org/cal-getc-standards/#62-international-baccalaureate-ib) to find information on how credit is granted for general education using the Cal-GETC pattern. Note that each CSU and UC campus individually determines how it will apply external examination credit in the major. For more information about IB credit, consult a counselor.

CSU IB Credit

Visit CSU's IB Page (https://www.calstate.edu/apply/transfer/Pages/External-Exam-Credit.aspx) to find information on how credit is granted for admission and general education. Note that each campus in the CSU system individually determines how it will apply external examination credit in the major. For more information about IB credit, consult a counselor.

UC IB Credit

Visit UC's IB Page (https://admission.universityofcalifornia.edu/admission-requirements/ap-exam-credits/ib-credits.html) to find information on how credit is granted for admission and general education. Note that each campus in the UC system individually determines how it will apply external examination credit in the major. For more information about IB credit, consult a counselor.

Credit for Military Experience

Military Service Transcripts

Students must send an official military transcript to Folsom Lake College before petitioning for course credit for prior military education, training, and service.

The **Joint Services Transcript (JST)** is an academically accepted document used to validate an Army, Coast Guard, Marines, or Navy service member's military experience and training with the corresponding college credit recommendations. See Request Official Joint Services Transcript (https://jst.doded.mil/official.html).

For **Air Force Transcripts** see Community College of the Air Force Transcripts (https://www.airuniversity.af.edu/Registrar/Transcript-Requests/).

Contact the Veterans Resource Center (https://flc.losrios.edu/veterans) for assistance.

How to Apply for Military Credit

Credit for Military Education and Training

Military personnel and veterans may receive course credit for prior military education and training.

How to Apply

Submit a completed *Petition for Credit for Military Education and Training or Service* (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/credit-for-prior-learning-and-alternative-study-options/shared/doc/admissions-records/forms/credit-for-military-education-training-or-service.pdf) and an official copy of your Joint Services Transcript to Admissions and Records for review. The college will consider the credit recommendations of the American Council for Education when determining the awarding of credit for courses with subject matter similar to that of the student's military education and training. You must be currently registered as a student and in good standing to receive credit.

Credit for Military Service

Veterans may receive credit for military service.

How to Apply

Submit a completed *Petition for Credit for Military Education and Training or Service* (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/credit-for-prior-learning-and-alternative-study-options/shared/doc/admissions-records/forms/credit-for-military-education-training-or-service.pdf) and a copy of your DD-214 to Admissions and Records for review. You may be eligible to receive four (4) units of living skills graduation requirements.

If you have already submitted your DD-214 to receive veteran benefits, then you are not required to submit a second copy to receive Military Service Credit.

College Safety and Security

At Folsom Lake College, we are committed to maintaining a safe learning environment and supporting an ongoing comprehensive safety program. The Los Rios Police Department (LRPD) employs sworn police officers who are certified through California Peace Officers Standards and Training (POST) and are responsible for protecting life and property across the district.

LRPD has excellent working relationships with other law enforcement agencies and emergency service providers in our neighboring communities. These strong partnerships help support more effective responses in emergency situations.

Learn more about Los Rios Police Department (https://police.losrios.edu).

Crime Prevention

Folsom Lake College actively supports crime prevention through a number of programs.

Emergency Automobile Assistance

Though they are not mechanics, Los Rios Police officers are equipped and trained to start cars with dead batteries or unlock non-electric car doors. Proper identification is required for the performance of these services.

Unlawful Weapons

California Penal Code Section 626.9 (h) prohibits the possession of a firearm on college grounds.

The California Penal Code Section also prohibits the possession of knives 626.10, switchblade 21510, pepper spray 22810 (e) and Tasers/Stun Gun 626.10.

Alcohol

Consumption of, or being under the influence of, alcohol while on campus is strictly prohibited. Violators are subject to suspension, expulsion, and/or criminal prosecution (per Los Rios Policy P-2443: Drug and Alcohol-Free Workplace and College Premises (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/college-safety-and-security/shared/doc/policies/board/P-2443.pdf)).

Emergency Telephones

Outdoor, emergency telephones have been installed at strategic locations throughout the campuses. These blue phones, when accessed, will automatically connect the caller to the Los Rios Police Department.

Emergency Alerts

In the event of an emergency or disaster, Los Rios will provide critical information to students and employees via an emergency alert system. Emergency alerts are issued via text, phone calls, and email. Update your contact information to make sure you receive emergency alerts.

1. Log in to eServices (https://ps.losrios.edu/student/signon.html).
2. Click *Profile*.
3. Click *Emergency Alert Information*.
4. Update your information and click *Save*.

Illegal Drugs

Folsom Lake College is committed to being a drug-free campus. Violators will be subject to disciplinary procedures. The use, sale, or possession on campus of, or presence on campus under the influence of, any controlled substance is strictly prohibited. Violators are subject to suspension, expulsion, and/or criminal prosecution (per Los Rios Policy P-2441: Standards of Conduct (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/college-safety-and-security/shared/doc/policies/board/P-2441.pdf) and Los Rios Policy P-2443: Drug and Alcohol-Free Workplace and College Premises (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/college-safety-and-security/shared/doc/policies/board/P-2443.pdf)).

Children on Campus

It is not appropriate for children to attend classes with their parents. All children on campus must be under the direct supervision of a parent, guardian, or other authorized adult. Unattended or disruptive children will be reported to the proper authorities.

Parking

Vehicles that do not have a valid semester parking decal or daily permit properly displayed will be issued a parking citation. There is a $283 fine for parking in designated disabled spaces (including hatch marks next to disabled spaces) without a state-issued disabled decal or plate.

Sexual Harassment

Sexual harassment in any situation is unacceptable and is in violation of state and federal laws and regulations. Corrective action will be taken where evidence of sexual harassment is found (per Los Rios Policy P-2424: Sexual Harassment (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/college-safety-and-security/shared/doc/policies/board/P-2424.pdf)).

Hate Crimes

Hate crimes include any of the following offenses that are motivated by bias:

- Murder/non-negligent manslaughter, negligent manslaughter, sexual assault, robbery, aggravated assault, burglary, motor vehicle theft, arson
- Larceny-theft: The unlawful taking carrying, leading or riding away of property from the possession or constructive possession of another
- Constructive possession: the condition in which a person does not have physical custody or possession, but is in a position to exercise dominion or control over a thing
- Simple assault: an unlawful physical attack by one person upon another where neither the offender displays a weapon, nor the victim suffers obvious severe or aggravated bodily injury involving apparent broken bones, loss of teeth, possible internal injury, severe laceration, or loss of consciousness
- Intimidation: To unlawfully place another person in reasonable fear of bodily harm through the use of threatening words and/or other conduct, but without displaying a weapon or subjecting the victim to actual physical attack
- Destruction, damage, vandalism: To willfully or maliciously destroy, damage, face, or otherwise injure real or personal property without the consent of the owner or the person having custody or control of it

Campus Traffic Regulations

Los Rios Police Department (LRPD) enforces the California Vehicle Code (CVC) and board-approved regulations on grounds designated for vehicle parking and traffic.

For more information, see parking regulations (https://police.losrios.edu/parking-resources/parking-regulations).

Reporting a Crime/Incident

To report an on-campus crime or incident, see crime and reporting (https://police.losrios.edu/crime-and-reporting) on the Los Rios Police Department website.

Clery Report

Each year, the Los Rios Police Department publishes the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Report (also known as the Annual Clery Report). This report includes information about our safety and security policies and specific crime statistics.

View the Clery Report (https://police.losrios.edu/clery) on the Los Rios Police Department website.

Student Rights and Responsibilities

Academic Rights and Responsibilities

The classroom (including laboratories, field trips, independent study, and so on) is the essential part of any college where freedom to learn should flourish. The instructor has the responsibility for the manner of instruction and the conduct of the classroom. The instructor should not act in any way that denies the rights of students as set forth below (Administration Regulation R-2411: Student Rights and Responsibilities (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/student-rights-and-responsibilities-catalog/shared/doc/board/regulations/R-2411.pdf)).

Student Academic Rights

Student Publications

In preparing student publications, the editorial staff and faculty advisors shall be free from censorship and advance copy approval except as provided by published district policy, statutes, or college regulation. These publications should do the following:

- Adhere to canons of responsible journalism, such as avoidance of libel, indecency, undocumented allegations, attacks on personal integrity, and the techniques of harassment and innuendo.
- State on the editorial page that the opinions expressed are not necessarily those of the college or the student body.

Support Causes

Students shall have the right to:

- Take stands on issues
- Examine and discuss questions of interest to them
- Support causes by orderly means which are in harmony with the regular functioning of the institution

Free Assembly and Free Speech

Students shall have the right to hear speakers on any subject and college recognized student organizations shall have the right to present speakers on any subject. In addition, students shall have the right of free assembly on each campus subject to regulations that assure the regular functioning of the institution.

The policies and regulations shall include reasonable provisions for the time, place, and manner of conducting these activities, but shall not prohibit the right of students to exercise free expression including, but not limited to, the use of bulletin boards, the distribution of printed materials or petitions, and the wearing of buttons, badges, and other insignia.

Expression which is obscene, libelous, or slanderous according to current legal standards, or which so incites students as to create a clear and present danger of the commission of unlawful acts on college premises, or the violation of lawful district or college regulations, or the substantial disruption of the orderly operation of the college, shall be prohibited.

Free to Organize

Students shall have the right to form an organization around any particular interest. This right includes the freedom to organize and to join student organizations subject to published college and district regulations.

Voice in Decision-Making

Students shall have the right to be informed on all college matters that can be shown to be directly relevant to them by having a voice in decision making that affects their academic future, with the exception of staff appointment, termination, and tenure.

In case of conflict in determining what college matters are relevant to students, the determination will be made by a college-designated student, faculty, and administrative committee.

In addition, student representatives shall be members of all faculty and administrative committees related to students' concerns; such student representatives shall have a vote as committee members.

Confidentiality

Students shall have the right to have their academic records treated in a confidential and responsible manner with due regard to the personal nature of the information these records contain. Students' records will be released only on the written consent of the students or as provided by law. Learn more about access to student records (https://flc.losrios.edu/access-to-student-records).

Academic Evaluation

Students shall have the right of protection against prejudiced or capricious academic evaluation. At the same time, students are responsible for maintaining standards of academic performance established in advance for each course in which they are enrolled.

Grievance Procedure

Students shall have the right to file a grievance as outlined in Administrative Regulation R-2412: Student Grievance Procedures (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/student-rights-and-responsibilities-catalog/shared/doc/board/regulations/R-2412.pdf), in the event of an alleged breach of their rights. Folsom Lake College's designated grievance officer will hear grievances of students who believe their academic rights have been denied or violated.

Go to Class-Related Concerns (https://flc.losrios.edu/class-related-concerns)

Student Responsibilities

The Expectations of the College

Admission to college assumes the expectation that the student will:

- Be a responsible member of the college community
- Obey the law
- Comply with the published rules and regulations of the college
- Respect the rights, privileges, and property of the other members of the college community
- Not interfere with legitimate college affairs

Students enrolled in a class are responsible for meeting standards of performance and conduct established by the Los Rios Community College District and the instructor. Students are responsible for registering, "adding," and "dropping" classes in a timely fashion to make sure that other students have an opportunity to take classes. Students are responsible for completing and submitting all class assignments, examinations, tests, projects, reports, and so on by scheduled due dates, or face penalties.

If any problem arises regarding coursework or attendance, the student will be held responsible for initiating communication and contact with the instructor. In addition, students will be held responsible for behavior and conduct adverse to the preservation of order as established by the college and the instructor. Students are responsible for meeting their degree requirements as provided in the college catalog.

See Students Standards of Conduct (https://flc.losrios.edu/standards-of-conduct)

Students also have the responsibility to use information technology resources effectively. Each user has the responsibility to:

- Use the resources appropriately and efficiently
- Respect the freedom and privacy of others
- Protect the stability and security of the resources
- Understand and fully abide by established college policies and applicable public laws

In the case of student conduct that involves an alleged or proven violation of criminal law, the disciplinary authority of the college will not be used to duplicate the function of criminal authority. Disciplinary action may be taken if the conduct also involves a violation of district or college policy.

See Student Disciplinary Procedures (https://flc.losrios.edu/student-discipline)

Access to Student Records (FERPA)

Use and Release of Student Information

The Family Educational Rights and Privacy Act of 1974 (FERPA) was designed to protect the privacy of educational records and to establish the rights of students to inspect and review their educational records. It also provides control over the release of educational record information. The original intent of this legislation was to keep elementary and high school records private and to give parents access to their child's school records.

After a student turns eighteen or attends an institution of higher education (a college or university), the rights of access to the student's records transfer to the student. This means that all academic information regarding a college student goes directly to the student unless the student has given specific, written permission to release that information to someone else.

Though parents understandably have an interest in their child's academic progress, they are not automatically granted access to a student's records without the written consent of the student. Parents are encouraged to consult with the student if academic information is needed.

A student can give permission for a third party to access their records by filing a Student Consent for Release of Records Form (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/student-rights-and-responsibilities-catalog/shared/doc/admissions-records/forms/student-consent-for-release-of-student-records.pdf) with the Admissions and Records office.

The security of student information is very important to us, which is why we will not discuss student records over the phone. This includes resetting a student's password. If you do not remember your password reset questions, then you must come to the campus or one of the outreach centers in person with photo identification.

To obtain a copy of your records – including your current enrollment – you can log in to eServices (https://ps.losrios.edu/student/signon.html) or come to campus in person with photo identification. You can order your official transcripts online (https://flc.losrios.edu/order-transcripts).

Student Rights Under FERPA

Students have the right to:

1. Inspect and review their own education records within a reasonable time after the college receives a request for access. If a student wants to review their record, then they should contact the Vice President of Student Services for a petition. Education records include any item of information directly related to an identifiable student maintained by the district or college or required to be maintained by an employee in the performance of the employee's duties, whether that information is recorded by handwriting, print, tapes, files, microfilm, electronically, or by other means. Education records do not include: directory information, information provided by a student's parent related to financial aid or scholarships, information prepared by and that remains in the sole possession of the person who created it, certain medical records, and decisions reached as a result of disciplinary hearings. Education records are maintained by the offices that generate or receive those records and the manager of those offices is responsible for the maintenance of those records. The Admissions and Records Office at each college maintains a log of those persons who have been given access to education records as required by FERPA.

2. Request an amendment of their education record if a student believes it is inaccurate or misleading. If a student feels there is an error in their record, then the student should submit a statement to the college official responsible for the record, clearly identifying the part of the record they want to be changed and why they believe it is inaccurate or misleading. That office will notify the student of their decision and advise of any appropriate appeal rights.
3. Consent to disclosure of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. There are several exceptions that permit disclosure without consent, including but not limited to:
    - Disclosure to school officials with "legitimate educational interests." School officials are employees of the district and its colleges, agents with which the district or college has contracted to provide services, the board of trustees, or students serving on a committee or assisting another school official in the performance of their tasks. A legitimate educational interest exists when the school official has a need to know the information in connection with their official duties.
    - "Directory information," which includes a student's name, identification number, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and most recent previous public or private school attended by the student. A student has the right to withhold the release of directory information. To do so, the student must complete a form, which is available in the Admissions and Records Office. However, placing a "No Release" on a student's records means that no one including friends, parents, prospective employers, honor societies, or any other group or individual will be able to obtain this information.
    - Disclosures to officials of another school, school system, or institution of postsecondary education where the student seeks or intends to enroll, or where the student is already enrolled, so long as the disclosure is for the purpose related to the student's enrollment or transfer.
4. File a complaint with the US Department of Education concerning alleged failures by the district or college to comply with the requirements of FERPA. Further information about FERPA and student records can be found in the District Policy P-2265: Access to Student Records (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/student-rights-and-responsibilities-catalog/shared/doc/policies/board/P-2265.pdf) and Regulation R-2265: Access to Student Records (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/student-rights-and-responsibilities-catalog/shared/doc/board/regulations/R-2265.pdf) or at the college office of the Vice President of Student Services.

Alcohol, Drug, and Smoking Policy

Alcohol and Drug Policy

The abuse of illicit drugs and alcohol disrupts classes, compromises your physical and mental health, subjects you to criminal penalties, and impairs your ability to benefit from the learning experience. We, therefore, ask the college community to actively support a drug- and alcohol-free learning environment by knowing and making others aware of college policies and the substantial health and legal consequences of abuse.

District Policy

Policy P-2443: Drug and Alcohol-Free Workplace and College Premises (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/student-rights-and-responsibilities-catalog/shared/doc/policies/board/P-2443.pdf) states that the district "is committed to maintaining a drug- and alcohol-free workplace in accordance with the requirements of the US Drug-Free Workplace Act of 1988, and a drug- and alcohol-free college environment for students and employees in accordance with the requirements of the Drug-Free Schools and Community Act Amendment of 1989."

Legal Sanctions

The Los Rios Standards of Student Conduct prohibit the use, sale, or possession on campus of, or presence on campus under the influence of, any controlled substance. Controlled substances include cocaine, marijuana, LSD, heroin, methadone, mescaline, peyote, and methaqualone, among others.

If you abuse drugs or alcohol on campus or appear on campus or at a college-sponsored function under the influence of drugs or alcohol, you can be suspended, expelled, and/or criminally prosecuted. The penalties for the more common offenses are:

- Possession or use of alcohol: one year in jail and/or fine
- Possession of marijuana: criminal citation and fine

- Possession of cocaine: imprisonment in a state prison
- Sales of any illegal drug: imprisonment in a state prison
- Possession or use of alcohol by a minor: one year in jail and/or fine
- If you are a student employee, you may be terminated
- You are required to report any convictions within five days of the occurrence
- You will be ineligible for financial aid

Smoking Policy

Per section 2.23 of Regulation R-1411: Use of Facilities (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/student-rights-and-responsibilities-catalog/shared/doc/board/regulations/R-1411.pdf), smoking, vaping, and the use of tobacco is prohibited on all district/college property. Smoking is defined as inhaling, exhaling, burning, or carrying any lighted or heated cigar, cigarette, pipe, or any other lighted or heated tobacco or other product intended for inhalation, in any matter or in any form. Smoking also includes the use of e-cigarettes. An e-cigarette is any oral device that provides a vapor of nicotine or any other substance for inhalation. E-cigarettes do not include products approved by the United States Department of Food and Drug Administration for medical treatment.

Computer and Internet Use Policy

Computer Use Policy

The following rules apply to all computer labs on campus. Specific labs may have additional rules.

General Rules

- Equipment use in the lab is intended for class assignments only – use of computers is closely monitored for compliance with acceptable use standards
- Computers are available on a first-come, first-served basis
- Food and/or drinks (including water bottles) are not allowed in computer labs at any time
- Children (under 18) are not allowed to use computer equipment unless they are current Folsom Lake College students
- Report problems with computers and/or printers to computer lab staff
- A valid login may be used for assigned purposes only – sharing access with others is not permitted
- All downloading and saving must be to removable media
- Playing games on college computers is prohibited except for class assignments
- When you're done, log off the computer but don't turn the computer off
- Directions from any lab assistant or instructor concerning equipment/facilities or student conduct must be followed in order to continue use of the facilities

Respect Those Around You

- Bring your own headphones for sound control.
- Pets are not allowed, except for service animals.
- Keep noise to a minimum
- Use one workstation per person
- Keep backpacks out of the walkways
- Turn off or silence cell phones and pagers and answer phone calls outside of the lab

Software

- Software may not be copied from computers or network drives
- Installing software or games on computers is prohibited

Internet Use Policy

Internet access is limited to *classroom assignments only*.

The acceptable use standards concerning internet use must be followed where applicable. The following activities are not allowed:

- Transmitting unsolicited information, which contains profane language or panders to bigotry, sexism, or other forms of discrimination
- Using the internet to gain unauthorized access to any computer
- Engaging in personal attacks (writing bullying, intimidating, threatening, or harassing entries)
- Making threats (directed towards others or yourself) without expecting the recipients of those threats, the college, and the police to consider them real
- Transmitting information that contains obscene, indecent, lewd, or lascivious material or other material that explicitly or implicitly refers to sexual conduct. This includes displaying such material where other individuals could potentially view it
- Inappropriate mass mailing, which includes multiple mailing to news groups, mailing lists, or individuals

Attempts by students to obtain, manipulate, delete, or change the contents of another user's files, passwords, etc. are regarded as infractions of the California Computer Crime Penal Code. Attempts to "break" the operating system constitute a felony under this law.

Copyright and Piracy Policy

What is a Copyright?

A copyright is a legal protection that gives the developer of an original piece of work (intellectual or artistic) exclusive rights for a certain time period. Copyright infringement is the unauthorized use of copyrighted material.

What is Piracy?

Piracy is the recreational downloading of copyrighted materials. Piracy is a violation of both federal law and college policy. The Recording Industry Association of America (RIAA) and Motion Pictures Association of America (MPAAP) have been cracking down on piracy in the US and targeting university and college networks, since this is where the highest amount of copyright infringements occur.

What is Peer-to-Peer (P2P) Software?

Peer-to-Peer (P2P) software allows users to download and distribute files from computer to computer across networks using P2P protocols, regardless of whether the user has paid for the files. When users have not paid for these files, they break federal and international copyright laws.

Piracy is not the only down side of using P2P software. P2P software allows users to access your computer and potentially hack into your private data. The result is exposure of your computer to significant security risks from viruses, worms, and hackers that could lead to possible loss of data, identity theft, and other liabilities.

College Actions for Violation

Sharing music, videos, or other copyrighted materials using Peer-to-Peer (P2P) applications over the network exposes you and anyone you share files with to legal action.

If a notice is sent from a trusted agency to Folsom Lake College, then the student's account will be blocked from accessing the WiFi network. The student in question may have to go through the college's disciplinary process to regain access.

Summary of Civil and Criminal Penalties for Violation of Federal Copyright Laws

Copyright infringement is the act of exercising, without permission or legal authority, one or more of the exclusive rights granted to the copyright owner under section 106 of the Copyright Act (Title 17 of the United States Code). These rights include the right to reproduce or distribute a copyrighted work. In the file-sharing context, downloading or uploading substantial parts of a copyrighted work without authority constitutes an infringement.

Penalties for copyright infringement include civil and criminal penalties. In general, anyone found liable for civil copyright infringement may be ordered to pay either actual damages or "statutory" damages affixed at not less than $750 and not more than $30,000 per work infringed. For "willful" infringement, a court may award up to $150,000 per work infringed. A court can, in its discretion, also assess costs and attorneys' fees. For details, see Title 17, United States Code, Sections 504, 505.

Willful copyright infringement can also result in criminal penalties, including imprisonment of up to five years and fines of up to $250,000 per offense.

Additional Resources

- Policy P-8861: Copyright (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/student-rights-and-responsibilities-catalog/shared/doc/policies/board/P-8861.pdf)
- US Copyright Office (https://www.copyright.gov)

Disciplinary Procedures and Due Process

The following are the disciplinary and due process procedures for when a student is referred to the Office of Student Conduct.

1. A student who is referred for discipline is required to meet with the Student Conduct Officer. This referral means the student's alleged behavior is believed to have been a violation of the Los Rios Student Standards of Conduct.
2. The student will receive a certified letter via US standard mail notifying them of their referral. In the notification, the student is instructed to make an appointment for an investigative meeting with the Student Conduct Officer.
3. At the informal, investigative meeting, the Student Conduct Officer shall interview the student for the purpose of discussing the alleged misconduct and the disciplinary action that should be taken (if any).
4. At the investigative meeting, the parties shall have the right to present statements, testimony, evidence, and witnesses, except that neither party shall have the right to be represented by an attorney.
5. The investigative meeting is mandatory. If the student fails to make an appointment and/or does not attend the meeting, then the Student Conduct Officer may review the case and initiate disciplinary action without input from the student.
6. After the investigative meeting, the Student Conduct Officer may initiate disciplinary action by filing a notice with the Vice President of Student Services and serving such notice on the student charged. This decision depends entirely on the information obtained during the investigation.
7. The student has the right to request an appeal to the disciplinary action with the Vice President of Student Services, no later than seven (7) days after the service of the notice of disciplinary action. A copy of the appeal form will be mailed to the student along with a notice of disciplinary action.
8. After an appeal hearing, a written decision will be mailed to the student from the Office of the President within ten days of the conclusion of the hearing.
9. At this point, the final decision for disciplinary action rests with the College President. The president may approve, reject, or modify the written decision. The decision of the college president for disciplinary action is final.

Refer to Regulation R-2442: Due Process (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/student-rights-and-responsibilities-catalog/shared/doc/board/regulations/R-2442.pdf) for complete information regarding student standards of conduct and due process.

Contact

For additional information on student conduct, please contact the Student Conduct Officer:

Miesha Williams
Dean of Student Services
Email: conduct@flc.losrios.edu

Submit a Student Conduct Form (https://cm.maxient.com/reportingform.php?LosRiosCCD&layout_id=6)

Photo and Video Policy

The Los Rios Community College District and its colleges take photos and video of students throughout the year. These images often include students in classrooms, study areas, athletic events, etc.

Folsom Lake College reserves the right to use these photographs and/or videos as a part of its publicity and marketing efforts. Students who enroll at Folsom Lake College do so with the understanding that these photographs and/or videos might include them and/or their family members and might be used in college publications, both printed and electronic, and for publicity.

Plagiarism and Cheating Policy

Academic Integrity and Responsibility

Academic integrity and responsibility mean acting honestly, conscientiously, and honorably in all academic endeavors. Students are accountable for all that they say and write. Since trust is the foundation of an intellectual community, and since student work is the basis for instructors to evaluate student performance in courses, students should not misrepresent their work nor give or receive unauthorized assistance.

Academic Dishonesty

In contrast to academic integrity and responsibility, academic dishonesty takes the form of plagiarism and/or cheating.

Plagiarism

The word plagiarism comes from the Latin word "plagiarius," meaning kidnapper. Plagiarism is generally the taking of words, sentences, organization, and ideas from another source without acknowledging that source.

Plagiarism may include:

- Submitting papers, examinations, or assignments written/completed entirely or in part by others
- Directly copying portions of another's work without enclosing the copied passage in quotation marks for written work or without citing appropriately in an oral presentation and without acknowledging the source in the appropriate scholarly convention whether the work is presented in written or oral form
- Using a unique term or concept without acknowledging the source
- Paraphrasing or summarizing a source's ideas without acknowledging the source
- Replicating a visual presentation, representation, or performance without acknowledging the source

Cheating

Cheating is similar to plagiarism in that it involves representing another's work as one's own. However, cheating often involves more overtly deceptive or fraudulent acts of academic dishonesty designed to gain credit for academic work that is not one's own.

Cheating may include:

- Giving or receiving unauthorized assistance during an examination
- Fabricating or altering a source of data in a laboratory or experiment
- Collaborating with others when collaboration is not permitted, or when the contributions of others are not made clear
- Using unauthorized materials or aids during an examination, including calculators, dictionaries, or information accessed via any electronic devices

- Acquiring, without permission, tests or other academic material belonging to a member of the college faculty or staff

Right-to-Know Program Completion

In compliance with the Student Right-to-Know and Campus Security Act of 1990, completion and transfer rates for students attending Folsom Lake College can be found on the California Community College State Chancellor's Office Student Right-to-Know Rate Disclosure Website (http://srtk.cccco.edu/index.asp).

Service Animals on Campus

Students and employees with a disability* who need a service animal may use a service animal (including a service animal in training) on district and college property. Therapy animals and pets are not allowed.

**Disability must be consistent with guidelines set forth by the Americans with Disabilities Act (ADA) and the Fair Employment and Housing Act (FEHA).*

Service Animal Guidelines

Service animals are subject to the following guidelines:

1. A service animal is any dog or miniature horse that is trained to do work or perform tasks for an individual with a disability.
2. Faculty, staff, or student owners of service animals who wish to bring the animal to campus are requested, but not required, to register their service animal (https://flc.losrios.edu/service-animals#serv-animal-form) with the Vice President of Student Services or Vice President of Administrative Services. Registration provides a quick way to demonstrate that the service animal is properly on campus.
3. If the owner applies for registration, the owner must provide documentation of their service animal's current shot/vaccination records at the time of registration. Visitors should check in with the Vice President's offices.
4. If the owner applies for registration, the owner must provide documentation of appropriate licenses.
5. If the owner applies for registration, the owner should carry proof of service animal registration when accompanied by that service animal on campus.
6. The owner is responsible for caring for and supervising the service animal, which includes toileting, feeding, grooming, and veterinary care. Los Rios employees are not obligated to supervise or otherwise care for a service animal. (See ADA Service Animal FAQs (https://www.ada.gov/resources/service-animals-faqs).)
7. A service animal must be under the control of its handler. Under the ADA, service animals must be harnessed, leashed, or tethered, unless the individual's disability prevents using these devices or these devices interfere with the service animal's safe, effective performance of tasks. In that case, the individual must maintain control of the animal through voice, signal, or other effective controls. (See ADA Service Animal Requirements (https://www.ada.gov/resources/service-animals-2010-requirements).)
8. The service animal must be in good health and free of fleas and external parasites.
9. The service animal must be on a leash at all times.
10. The owner is responsible for all cleanup of animal feces.
11. Service animals that disrupt the learning environment and the ability of others to learn may be excluded from campus.
12. Service animals that are ill, unclean, noisy, or bedraggled will not be allowed on campus.
13. Service animals that show unprovoked aggressive tendencies or are deemed potentially dangerous will not be allowed on campus.
14. Service animals are not permitted to be in the following areas: mechanical rooms/custodial closets, any room where protective gear is worn, or any room that poses a potential danger to the animal.
15. The owner will be financially responsible for any damage or cleaning costs resulting from the animal being brought onto campus. Animals that cause damage may be excluded from the campus.

Individuals who bring a service animal to campus must extend courtesy and respect to colleagues, students, and visitors in the area. Owners are required to keep service animals on a leash and should consider safety, health, and the possible fears others may have in the presence of animals.

Social Media Policy

Social Media Participation Guidelines

As an institution of higher learning, Folsom Lake College – by its very nature – embraces the free and open exchange of ideas. To that end, we are committed to the community's First Amendment rights and the core values of free speech.

We believe in fostering a thriving online community. We support the various channels of social networking – Facebook, Twitter, YouTube, Instagram, and so on – as valuable tools for engaging students, staff, faculty, alumni, friends, and supporters in a constructive two-way dialogue about Folsom Lake College and its mission.

At the same time, the long-term value, vibrancy, and success of any social media community depends on a shared philosophy of how to behave. Members of our community should become familiar with Facebook's Terms of Service (https://www.facebook.com/legal/terms), Twitter's Rules and Policies (https://help.twitter.com/en/rules-and-policies), YouTube's Policies (https://www.youtube.com/about/policies/#community-guidelines), Instagram's Terms of Use (https://help.instagram.com/581066165581870), and similar support sites for social media. The emphasis for all participants – including site administrators – should always be transparency, honesty, respect, and civility.

All content, information, and views expressed on social media belong to the individuals posting the content. These views do not necessarily reflect the official policies or positions of the college, district, or Board of Trustees. We are not responsible for unanswered posts or inaccurate information posted by others.

Here are guidelines for engaging in Folsom Lake College social media platforms:

- Be respectful of the rights and opinions of others. Be willing to agree to disagree and move on.
- Stay on topic. Our social media sites are established as forums for the open and honest discussion of matters and developments related to – and limited to – our mission (https://flc.losrios.edu/about-us/our-values).
- Be transparent and honest.
- Add value. Be part of the conversation but don't take it over.
- Avoid hateful speech, personal attacks, flaming, profanity, vulgarity, pornography, nudity, and abusive language.
- Keep personal information (for example, your phone number and address) out of your posts.
- Think before you post. Almost everything you write or post to a social media site – words, pictures, video – is public or can be discovered. If you post on any of our social media sites, then you consent that what you post can be published and you waive any expectation of privacy regarding the post. What you choose to add to the conversation today will live on long after the subject matter has come and gone as a topic of conversation.
- We encourage you to post comments and "like" articles, photos, and videos you enjoy.

On our Facebook, Twitter, YouTube, and Instagram pages and other social media platforms, our goal is to post interesting, entertaining, and educational content. We welcome your comments and suggestions. We encourage conversation and dialogue, but we want to ensure a respectful online environment and invigorating conversation for the broader college community. Our page administrators review posts and comments regularly to ensure any issues or concerns are addressed promptly.

We may or may not reply to comments, but if it's provocative, fair, and insightful, chances are others will engage in the conversation.

We reserve the right to determine and remove from Folsom Lake College social media sites any of the following:

- Comments, links, images, or videos that are illegal or encourage illegal activity, or are obscene, defamatory/libelous/slanderous, indecent, lewd, lascivious, sexually harassing or explicit in nature, or pose risks to the health or safety of individuals
- Comments that personally attack or threaten any person

- For students, anything that would violate District policies regarding student regulations (https://losrios.edu/about-los-rios/board-of-trustees/policies-and-regulations)
- For staff and faculty, anything that would violate District policies regarding staff and faculty regulations (https://losrios.edu/about-los-rios/board-of-trustees/policies-and-regulations)
- Successive off-topic posts by one or more individuals or groups
- Repetitive posts copied and pasted or duplicated by one or more individuals or groups
- Solicitations or advertisements
- Any materials that infringe upon the intellectual property or other rights of any third party

Standards of Conduct

Code of Conduct

A student who enrolls at Folsom Lake College may rightfully expect that students, faculty, and administrators will maintain an environment in which there is freedom to learn.

Student conduct must comply with federal and state laws, college rules and regulations, and Administrative Regulation R-2441: Standards of Conduct (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/student-rights-and-responsibilities-catalog/shared/doc/board/regulations/R-2441.pdf). Students who violate such rules and regulations are subject to disciplinary action.

Disciplinary Offenses

Any student found to have committed, or to have attempted to commit, the following misconduct is subject to appropriate disciplinary action:

- Continued disruptive behavior, continued willful disobedience, habitual profanity or vulgarity, or the open and persistent defiance the authority of, or persistent abuse of, members of the college community
- Assault, battery, or any threat of force or violence upon members of the college community
- Willful misconduct which results in injury or death to members of the college community, or which results in cutting, defacing, or other injury to any real or personal property owned by the district
- The use, sale, or possession on campus of, or presence on campus under the influence of, any controlled substance (See alcohol, drug, and smoking policies (https://flc.losrios.edu/about-us/our-values/student-rights-and-responsibilities/alcohol-drug-and-smoking-policies))
- Willful or persistent smoking in any area where smoking has been prohibited by law or district policy (See alcohol, drug, and smoking policies (https://flc.losrios.edu/about-us/our-values/student-rights-and-responsibilities/alcohol-drug-and-smoking-policies))
- Persistent, serious misconduct where other means of correction have failed to bring about proper conduct
- Violation of College rules and regulations including those concerning student organizations, the use of college facilities, or the time, place and manner of public expression and distribution of materials
- Obstruction or disruption of teaching, research, administrative disciplinary procedures or other college activities, including its community service activity, or of other authorized activities on college-controlled premises
- Theft of or non-accidental damage to property of the college or a member of the college community while on campus or at college-sponsored events
- Unauthorized entry to or use of college facilities
- Dishonesty, such as cheating, plagiarism, or furnishing false information to the college; forgery, alteration, or misuse of college documents, records, or identifications (See plagiarism and cheating policies (https://flc.losrios.edu/about-us/our-values/student-rights-and-responsibilities/plagiarism-and-cheating))
- Knowing possession or use of explosives, dangerous chemicals or deadly weapons on college property or at a college function without prior authorization of the college president or designated representative

- Use, possession, distribution or being under the influence of alcoholic beverages, narcotics or dangerous drugs on college property or at college-sponsored events (See alcohol, drug, and smoking policies (https://flc.losrios.edu/about-us/our-values/student-rights-and-responsibilities/alcohol-drug-and-smoking-policies))
- Soliciting or assisting another to do any act which would subject a student to expulsion, suspension, probation or other discipline pursuant to Regulation R-2441: Standards of Conduct (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/student-rights-and-responsibilities-catalog/shared/doc/board/regulations/R-2441.pdf)
- Violation of any order of a college president, notice of which has been given prior to such violation, and which order is not inconsistent with any of the other provisions of this policy. This notice may be given by publication in the college newspaper, by posting on an official bulletin board designated for this purpose or by any other means reasonably calculated to inform students of its provisions.
- Attempting to commit an act that would be cause for disciplinary action identified above

Contact

For additional information on student conduct, please contact the Student Conduct Officer:

Miesha Williams
Dean of Student Services
Email: conduct@flc.losrios.edu

Submit a Student Conduct Form (https://cm.maxient.com/reportingform.php?LosRiosCCD&layout_id=6)

Student Grievance and Class-Related Concerns

Steps to Resolution

1. Students should speak with their professor about the concern.
2. Students who feel as though they are unable to speak with their professor or resolve the situation, should then contact the instructional division area dean.

Note: Most complaints, grievances, or disciplinary matters should be resolved at the campus level. This is the quickest and most successful way of resolving issues involving the college. You are encouraged to work through the campus complaint process first.

Contact

For information on how to file a formal grievance, please contact the Student Grievance Officer at conduct@flc.losrios.edu.

Additional Grievance Information

A student may file a grievance or grieve an action or decision of the district or one of its colleges when the student's status and/or rights have been adversely affected.

Grievances relating to grades are subject to Education Code Section 76224(a), which reads:

> "When grades are given for any course of instruction taught in a community college district, the grade given to each student shall be the grade determined by the instructor of the course and the determination of the student's grade by the instructor, in the absence of mistake, fraud, bad faith, or incompetence, shall be final."

In addition to complaints being filed by students or employees, complaints may be initiated by other individuals or entities, such as a family member, representative, organization, or other third party wishing to file on behalf of an individual or group alleged to have suffered unlawful discrimination or harassment per Los Rios Regulation R-2423: Discrimination and Harassment Complaint Procedures (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/student-rights-and-responsibilities-catalog/shared/doc/board/regulations/R-2423.pdf).

Equal Opportunity, Equity, Discrimination, and Harassment

Equal Opportunity

Equal Opportunity is the Law

Folsom Lake College is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities through Disabled Students Programs and Services (https://flc.losrios.edu/dsps).

As a recipient of federal financial assistance, it is against the law for Folsom Lake College to discriminate against any individual in the US based on the following: race, color, religion, sex (including pregnancy, childbirth, and related medical conditions, sex stereotyping, transgender status, and gender identity), national origin (including limited English proficiency), age, disability, or political affiliation or belief, or, against any beneficiary of, applicant to, or participant in programs financially assisted under Title I of the Workforce Innovation and Opportunity Act, on the basis of the individual's citizenship status or participation in any WIOA Title I-financially assisted program or activity.

Folsom Lake College must not discriminate in any of the following areas:

- Deciding who will be admitted, or have access, to any WIOA Title I-financially assisted program or activity
- Providing opportunities in, or treating any person with regard to, such a program or activity
- Making employment decisions in the administration of, or in connection with, such a program or activity

Recipients of federal financial assistance must take reasonable steps to ensure that communications with individuals are as effective as communications with others. This means that, upon request and at no cost to the individual, Folsom Lake College is required to provide appropriate auxiliary aids and services to qualified individuals with disabilities.

What to Do If You Believe You Have Experienced Discrimination

If you think that you have been subjected to discrimination under a Workforce Innovation and Opportunity Act (WIOA) Title I financially assisted program or activity, then you may file a complaint within 180 days from the date of the alleged violation with either Folsom Lake College's Equal Opportunity Officer (or the person whom the recipient has designated for this purpose) or the U.S. Department of Education, Office of Civil Rights (OCR) and/or California Civil Rights Department (CRD).

Folsom Lake College Equity Officer

Email: equity@flc.losrios.edu

Phone: (916) 608-6849

In addition to filing a complaint with the college's equity officer, students and employees may file a complaint with the U.S. Department of Education, Office of Civil Rights (OCR) (https://www.ed.gov/about/ed-offices/ocr).

Employees may also file a complaint with the California Civil Rights Department (CRD) (https://calcivilrights.ca.gov/).

If you file your complaint with Folsom Lake College, then you must wait either until Folsom Lake College issues a written Notice of Final Action, or until 90 days have passed (whichever is sooner), before filing with the U.S. Department of Education, Office of Civil Rights (OCR) or California Civil Rights Department (CRD).

If Folsom Lake College does not give you a written Notice of Final Action within 90 days of the day on which you filed your complaint, then you may file a complaint with the OCR and/or CRD before receiving that notice. However, you must file your OCR/CRD complaint within 30 days of the 90-day deadline (in other words, within 120 days after the day on which you filed your complaint with the recipient).

If Folsom Lake College does give you a written Notice of Final Action on your complaint, but you are dissatisfied with the decision or resolution, then you may file a complaint with the OCR and/or CRD. You must file your OCR/CRD complaint within 30 days of the date on which you received the Notice of Final Action.

La Igualdad De Oportunidades Es La Ley

Es ilegal que este beneficiario de asistencia financiera federal discrimine contra cualquier persona en los Estados Unidos por motivos de raza, color, religión, sexo (incluido el embarazo, parto y condiciones médicas relacionadas, estereotipos de sexo, estatus transgénero e identidad de género), origen nacional (incluida la competencia limitada en inglés), edad, discapacidad, o afiliación o creencia política.

También es ilegal discriminar contra cualquier beneficiario, solicitante o participante en programas financiados bajo el Título I de la Ley de Innovación y Oportunidades de la Fuerza Laboral (WIOA, por sus siglas en inglés), por motivos de estatus de ciudadanía o participación en cualquier programa o actividad financiada bajo dicho título.

El destinatario no debe discriminar en ninguna de las siguientes áreas: determinar quién será admitido o tendrá acceso a cualquier programa o actividad financiada bajo el Título I de WIOA; proporcionar oportunidades o tratar a cualquier persona en relación con dicho programa o actividad; ni tomar decisiones de empleo en la administración de, o en relación con, dicho programa o actividad.

Los destinatarios de asistencia financiera federal deben tomar medidas razonables para garantizar que las comunicaciones con las personas con discapacidades sean tan efectivas como las comunicaciones con las demás personas. Esto significa que, previa solicitud y sin costo para la persona, los destinatarios deben proporcionar ayudas y servicios auxiliares apropiados a personas calificadas con discapacidades.

Qué Hacer Si Cree Que Ha Sido Objeto de Discriminación

Si considera que ha sido objeto de discriminación en el marco de un programa o actividad financiada bajo el Título I de la Ley de Innovación y Oportunidades de la Fuerza Laboral (WIOA), puede presentar una queja dentro de los 180 días a partir de la fecha de la presunta infracción ante el Oficial de Igualdad de Oportunidades del destinatario (o la persona designada para este propósito),o ante la Oficina de Derechos Civiles (OCR) del Departamento de Educación de los Estados Unidos (https://www.ed.gov/about/ed-offices/ocr) y/o el Departamento de Derechos Civiles de California (CRD) (https://calcivilrights.ca.gov/).

Folsom Lake College Oficial de Equidad

Email: equity@flc.losrios.edu

Teléfono: (916) 608-6849

In addition to filing a complaint with the college's equity officer, students and employees may file a complaint with the U.S. Department of Education, Office of Civil Rights (OCR) (https://www.ed.gov/about/ed-offices/ocr).

Employees may also file a complaint with the California Civil Rights Department (CRD) (https://calcivilrights.ca.gov/).

Además de presentar una queja ante el oficial de igualdad de la institución, los estudiantes y empleados también pueden presentar una queja ante la Oficina de Derechos Civiles (OCR) del Departamento de Educación de los Estados Unidos (https://www.ed.gov/about/ed-offices/ocr).

Los empleados también pueden presentar una queja ante el Departamento de Derechos Civiles de California (CRD) (https://calcivilrights.ca.gov/).

Si presenta su queja ante el destinatario, deberá esperar hasta que este emita una Notificación Final por escrito o hasta que hayan transcurrido 90 días (lo que ocurra primero), antes de presentar una queja ante la OCR o el CRD.

Si el destinatario no le proporciona una Notificación Final por escrito dentro de los 90 días posteriores a la fecha en que presentó su queja, puede presentar una queja ante la OCR y/o el CRD antes de recibir dicha notificación. Sin embargo, debe presentar su queja ante la OCR/CRD dentro de los 30 días posteriores al vencimiento del plazo de 90 días (es decir, dentro de los 120 días posteriores a la fecha en que presentó su queja ante el destinatario).

Si el destinatario sí le proporciona una Notificación Final por escrito sobre su queja, pero usted no está conforme con la decisión o resolución, puede presentar una queja ante la OCR y/o el CRD. Debe presentar su queja ante la OCR/CRD dentro de los 30 días a partir de la fecha en que recibió la Notificación Final.

Non-Discrimination Policy

At Folsom Lake College, we value equity and diversity. That's why we work toward just and fair inclusion into a society in which all people can participate, prosper, and reach their full potential.

No person shall be unlawfully discriminated against, harassed, or excluded from any benefits, activities, or programs because they possess of any of the following characteristics (actual or perceived):

- Ethnic group identification
- Race or color
- Sex, gender, gender identity, or gender expression
- Pregnancy or childbirth-related condition
- Sexual orientation or sexual identity
- Religion or religious creed
- Age (over forty)
- National origin or ancestry
- Physical or mental disability
- Medical condition
- Political affiliation or belief
- Military and veteran status
- Marital status

In addition, retaliation against a person who files a complaint, refers a matter for investigation, participates in an investigation, or serves as an advocate for a complainant or respondent is prohibited by district policy.

For more information or to file a complaint, contact the Folsom Lake College Equity Officer at equity@flc.losrios.edu or (916) 608-6849.

Sexual Harassment or Assault

Title IX (Sex Discrimination)

Title IX of the Educational Amendments of 1972 and subsequent amendments bans sex discrimination in schools, whether it be in academics or athletics. Title IX states: "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance."

The underlying intent of Title IX is to eliminate any form of discrimination based on gender that may interfere with a student's physical well-being, emotional well-being, and academic performance. Colleges and universities receiving federal funds bear an affirmative duty to ensure that no student (male or female) is deprived of an educational opportunity or benefit due to such discrimination.

Gender Harassment

Sex discrimination in the form of gender harassment consists primarily of repeated comments, jokes, and innuendoes directed at persons because of their gender or sexual orientation. This behavior typically is not aimed at eliciting sexual cooperation, but, like racial harassment, it contaminates the learning and work environment and has no place at Folsom Lake College.

Examples of gender harassment include the following:

- Disparaging women's intellectual abilities and potential
- Using sexist statements in classroom discussions
- Disparaging the lifestyles or behaviors of gays or lesbians

Sexual Harassment Policy

It is the desire of the Los Rios Community College District Board of Trustees to provide for all students and employees an educational environment and workplace free from sexual harassment. Sexual harassment in any situation is unacceptable and is in violation of state and federal laws and regulations. Where evidence of harassment is found, appropriate corrective action shall be taken.

Definition of Sexual Harassment

Sexual harassment means unwelcome sexual advances, requests for sexual favors, and other verbal, visual, or physical conduct of a sexual nature, made by someone from or in the work or educational setting, under any of the following conditions:

- Submission to the conduct is explicitly or implicitly made a term or a condition of an individual's employment, academic status, or progress
- Submission to, or rejection of, the conduct by the individual is used as the basis of employment or an academic decision affecting the individual
- The conduct has the purpose or effect of having a negative impact upon the individual's work or academic performance, or of creating an intimidating, hostile, or offensive work or educational environment
- Submission to, or rejection of, the conduct by the individual is used as the basis for any decision affecting the individual regarding benefits and services, honors, programs, or activities available at or through the educational institution.

Sexual harassment includes, but is not limited to:

- Making unsolicited written, verbal, visual, or physical contact with sexual overtones. Some examples are:
  - Epithets
  - Derogatory comments or slurs of a sexual nature
  - Impeding or blocking movements or any physical interference with normal work
  - Derogatory posters or cartoons
- Continuing to express sexual interest after being informed that the interest is unwelcome (reciprocal attraction is not considered sexual harassment).
- Within the work environment, engaging in explicit or implicit coercive sexual behavior which controls, influences, or affects the career, salary, and/or work environment, or any other term or condition of employment.
- Within the educational environment, engaging in explicit or implicit coercive sexual behavior which controls, influences, or affects the educational opportunities, grades, and/or learning environment of the student.
- Making reprisals, threats of reprisal, or implied threats of reprisal following a negative response to a sexual advance. For example, within the work environment, either suggesting or actually withholding support for an appointment, promotion, or change of assignment; suggesting a poor performance report will be prepared; or suggesting probation will be failed. Within the educational environment, either suggesting or actually withholding grades earned or deserved; suggesting a poor performance evaluation will be prepared; or suggesting a scholarship recommendation or college application will be denied.
- Offering favors of educational or employment benefits, such as grades or promotions, favorable performance evaluations, favorable assignments, favorable duties or shifts, recommendations, reclassifications, and so on, in exchange for sexual favors.

Sexual Assault

Sexual assault includes, but is not limited to:

- Rape
- Forced sodomy
- Forced oral copulation
- Rape by a foreign object

- Sexual battery
- Domestic violence
- Dating violence
- Stalking
- Threat of sexual assault

Sexual assault is a form of sexual harassment and should be reported under the district's Board Policy P-2423: Discrimination and Harassment Procedures (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/equal-opportunity-equity-discrimination-and-harassment/shared/doc/policies/board/P-2423.pdf) and Administrative Regulation R-2423: Discrimination and Harassment Procedures (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/equal-opportunity-equity-discrimination-and-harassment/shared/doc/board/regulations/R-2423.pdf).

Sexual Violence

Sexual violence means physical sexual acts perpetrated against a person's will or where a person is incapable of giving consent due to the victim's use of drugs or alcohol. An individual also may be unable to give consent due to an intellectual or other disability. Sexual violence includes, but is not limited to, rape, sexual assault, sexual battery, and sexual coercion.

Consent

Consent is the informed, affirmative, conscious decision by each participant to engage in mutually agreed-upon sexual activity.

Consent must be voluntary, and given without coercion, force, threats, or intimidation. Consent requires positive cooperation in a particular sexual act, or expression of intent to engage in that sexual act through the exercise of free will.

Consent can be withdrawn or revoked. Consent to one form of sexual activity (or one sexual act) does not constitute consent to other forms of sexual activity (or other sexual acts). Consent to sexual activity given on one occasion does not constitute consent to sexual activity on another occasion. The fact that two people are, or were in, a dating or sexual relationship does not constitute consent to engage in sexual activity. There must always be mutual and affirmative consent to engage in sexual activity. Consent to a sexual act may be withdrawn or revoked at any time, including after penetration. The victim's request for the perpetrator to use a condom or birth control does not, in and of itself, constitute consent. Once consent is withdrawn or revoked, the sexual activity must stop immediately.

Consent cannot be given by a person who is incapacitated. For example, a person cannot give consent if she/he is unconscious or coming in and out of consciousness. A person is incapacitated if she/he lacks the physical and/or mental ability to make informed, rational judgments. Examples of incapacitation include unconsciousness, sleep, and blackouts. Whether an intoxicated person (as a result of using alcohol or other drugs) is incapacitated depends on the extent to which the alcohol or other drugs impact the person's decision-making capacity, awareness of consequences, and ability to make fully informed judgments. A person with a medical or mental disability may also lack the capacity to give consent.

Being intoxicated by drugs or alcohol does not diminish a person's responsibility to obtain consent from the other party before engaging in sexual activity. Factors to be considered include whether the person knew, or whether a reasonable person in the accused's position should have known, that the victim did not give, or revoked, consent; was incapacitated; or was otherwise incapable of giving consent.

Sexual intercourse with a minor is never consensual when the victim is under 18 years old, because the victim is considered incapable of giving legal consent due to age.

Domestic Violence

Domestic violence is a form of sexual violence and is abuse committed against someone who is a current or former spouse, current or former cohabitant, someone with whom the abuser has a child, someone with whom the abuser has or had a dating or engagement relationship, or a person similarly situated under California domestic or family violence law.

Cohabitant means two unrelated persons living together for a substantial period of time, resulting in some permanency of relationship. Factors that may determine whether persons are cohabiting include, but are not limited to:

1. Sexual relations between the parties while sharing the same living quarters

2. Sharing of income or expenses
3. Joint use or ownership of property
4. Whether the parties hold themselves out as husband and wife
5. The continuity of the relationship
6. The length of the relationship

Dating Violence

Dating violence is a form of sexual violence and is abuse committed by a person who is, or has been, in a social or dating relationship of a romantic or intimate nature with the victim. This may include someone the victim just met; for example, a person they met at a party, were introduced to through a friend, or met on a social networking website.

Stalking

Stalking means a repeated course of conduct directed at a specific person (when based on gender or sex) that places that person in reasonable fear for his/her or others' safety, or to suffer substantial emotional distress.

Policies and Regulations

- Board Policy P-2423: Discrimination and Harassment Procedures (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/equal-opportunity-equity-discrimination-and-harassment/shared/doc/policies/board/P-2423.pdf)
- Administrative Regulation R-2423: Discrimination and Harassment Procedures (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/equal-opportunity-equity-discrimination-and-harassment/shared/doc/board/regulations/R-2423.pdf)
- Administrative Regulation R-2423.5: Interim Title IX Guidelines (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/equal-opportunity-equity-discrimination-and-harassment/shared/doc/board/regulations/r-2423-5.pdf)

Resources

For issues regarding sexual harassment and assault, the following resources are available:

- Los Rios Police, (916) 558-2221
- WEAVE Confidential Advocate, (916) 568-3011 or WEAVE@losrios.edu
- Title IX Coordinator, (916) 608-6838 or titleix@flc.losrios.edu

Types of Harassment

It is a priority of Folsom Lake College to prevent and respond to all forms of harassment, including bullying, psychological harassment, racial harassment, religious harassment, stalking, mobbing, hazing, and backlash.

Bullying

Bullying is physical and psychological harassing behavior perpetrated against an individual, by one or more persons. Bullying can occur on the playground, in school, on the job, or any other place.

Workplace bullying is repeated, health-harming mistreatment of one or more persons (the targets) by one or more perpetrators that takes one or more of the following forms:

- Verbal abuse
- Offensive conduct/behaviors (including nonverbal) which are threatening, humiliating, or intimidating

- Work interference (sabotage) which prevents work from getting done

Psychological Harassment

Psychological harassment is humiliating or abusive behavior that lowers a person's self-esteem or causes them torment. This can take the form of verbal comments, actions, or gestures. Workplace mobbing is considered psychological harassment.

Racial Harassment

Racial harassment is the targeting of an individual because of their race or ethnicity. The harassment includes words, deeds, and actions that are specifically designed to make the target feel degraded due to their race of origin or ethnicity.

Religious Harassment

Religious harassment is verbal, psychological, or physical harassment used against targets because they choose to practice a specific religion. Religious harassment can also include forced and involuntary conversions.

Stalking

Stalking is the unauthorized following and surveillance of an individual, to the extent that the person's privacy is unacceptably intruded upon and the victim fears for their safety.

Mobbing

Mobbing is violence committed directly or indirectly by a loosely affiliated and organized group of individuals to punish or even execute a person for an alleged offense without a lawful trial. The "offense" can range from a serious crime, like murder to simple expression of ethnic, cultural, or religious attitudes. The issue of the victim's actual guilt or innocence is often irrelevant to the mob, since the mob relies on contentions that are unverifiable, unsubstantiated, or completely fabricated.

Hazing

Hazing is persecuting, harassing, or torturing in a deliberate, calculated, planned manner. Typically the targeted individual is a subordinate, for example, a fraternity pledge, a first-year military cadet, or somebody who is considered "inferior" or an "outsider." Hazing is illegal in many instances.

Backlash

Backlash or "victim blaming" occurs when the harasser or other people in the environment blame the victim for the harassment or the resulting controversies and conflicts after the harassment is reported or discovered.

Backlash results when people erroneously believe the victim could stop the harassment if they really tried, or that the victim must have done something to cause the harassment. The victim may be accused of trying to get attention, covering for incompetence, or in cases where the harassment is proven, lying about the extent of the effects.

Outdated attitudes about certain kinds of harassment remain and there is often social pressure for victims to keep quiet about abuse or suffer the consequences.

Discrimination and Harassment Complaint Procedures

How to File a Complaint

To file a complaint, fill out a Discrimination Complaint Form (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/equal-opportunity-equity-discrimination-and-harassment/shared/doc/legal/discrimination-complaint-form.pdf) and submit it to your equity officer. This form *is not required* and a complaint will not be rejected based on failure to use the form.

Complaint Resolution

If it is determined that misconduct occurred, then Folsom Lake College will take immediate steps to halt misconduct and remedy any effects of that misconduct.

An equity officer will hold an informal conference if the complainant wants to try and resolve the complaint informally. The equity officer will provide information about applicable laws and rules. If an informal resolution is not reached or if the complainant disagrees with the recommendation made, then the complainant may engage in a formal resolution process.

Regulations

- Administrative Regulation R-2423: Discrimination and Harassment Complaint Procedures (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/equal-opportunity-equity-discrimination-and-harassment/shared/doc/board/regulations/R-2423.pdf)
- Administrative Regulation R-2423.5: Interim Title IX Guidelines (https://flc.losrios.edu/2026-2027-official-catalog/while-you-are-here/equal-opportunity-equity-discrimination-and-harassment/shared/doc/board/regulations/r-2423-5.pdf)

Graduation and Transfer

Make a Plan for Transfer Success

Students who plan to transfer to the California State University (CSU) system, the University of California (UC) system, or to a private or out-of-state college or university should make an education plan with a counselor. This will ensure you meet the requirements for the specific institution you plan to attend.

Transfer eligibility is based on transferable college units and/or high school records and test scores. Each institution has its own admission requirements. To prepare for transfer:

1. Decide where you want to transfer
2. Talk to a counselor about that school's specific requirements
3. Create an education plan

Associate Degree Graduation Requirements

Students may graduate from Folsom Lake College with the Associate of Arts (AA) or the Associate of Science (AS) degree by fulfilling the following requirements:

1. Satisfactory completion of 60 units of degree-applicable coursework with a "C" (2.0) grade point average (GPA). At least 12 units must be earned within Los Rios Community College District. Degree-applicable courses are numbered 100 to 499.
2. Major: completion of an AA or AS program of study offered at Folsom Lake College with a minimum grade of "C" in each course used for the major. Pass (P) grades at Folsom Lake College are acceptable.
3. One of the following general education requirements:
    - Completion of Folsom Lake College's local AA/AS degree general education requirements (https://flc.losrios.edu/2026-2027-official-catalog/graduation-and-transfer/associate-degree-graduation-requirements/local-aa-as-degree-general-education-requirements) with a minimum GPA of 2.0 in courses used for general education (24 units minimum).
    - Completion of the California General Education Transfer Curriculum (Cal-GETC) (https://flc.losrios.edu/2026-2027-official-catalog/graduation-and-transfer/preparing-to-transfer/california-general-education-transfer-curriculum-requirements).
    - Possession of a bachelor's degree (BA/BS) or higher from a regionally accredited college or university in the US.
4. Students are allowed to follow the graduation requirements established at the time they began college as long as they maintain catalog rights (https://flc.losrios.edu/2026-2027-official-catalog/graduation-and-transfer/associate-degree-graduation-requirements#catalog-rights).

Catalog Rights

For the purpose of graduating or earning a certificate from any college in the Los Rios Community College District, a student who attends at least one session (whether quarter, semester, or summer) in each calendar year at any California community college, California State University, University of California, or any regionally accredited institution of higher education, may choose to meet the requirements in effect at the Los Rios college from which the student intends to graduate, as follows:

- Requirements that were in effect at the time the student was admitted to a Los Rios college
- Requirements that were in effect at the time the student originally enrolled in an accredited college
- Requirements that were in effect at the intended date of graduation from a Los Rios college

Please note:

- Students with catalog rights prior to Fall 2025 can continue to follow the old local AA/AS GE pattern. Use the new local AA/AS GE requirements (https://flc.losrios.edu/catalog/local-ge) along with the new to old AA/AS GE mapping table (https://flc.losrios.edu/student-resources/counseling/cal-getc-and-general-education-guidance/mapping-new-to-old-local-general-education-requirements) to complete your general education requirements.
- A college may authorize or request substitution for discontinued courses.
- Students who change their major field of study may be required to complete those requirements for the major in effect at the point of change.
- For purposes of this section, "attendance" means taking classes in at least one session (semester or summer session) in each calendar year. Absence for attendance at another regionally accredited institution shall not be considered an interruption in attendance, per Los Rios Policy P-7242: Establishing Catalog Rights (https://flc.losrios.edu/2026-2027-official-catalog/graduation-and-transfer/shared/doc/policies/board/P-7242.pdf).

Local AA/AS Degree General Education Requirements

General education (GE) classes give you a broad foundation of knowledge and skills, but they're just one piece of what you need to earn your degree. You'll also need to complete major and elective coursework.

See our Associate Degree Graduation Requirements (https://flc.losrios.edu/catalog/associate-degree-graduation-requirements) to learn more about what you need to earn an associate degree at Folsom Lake College.

L1: English Communication, Oral Communication, Critical Thinking

Choose two courses for a minimum of six semester units (eight quarter units). Complete one course (three semester or four quarter units minimum) in each area.

Area	Courses
L1A: English Composition	BUS 310, ENGL C1000 (formerly ENGWR 300), ENGL C1000H (formerly ENGWR 480), ESLW 340
L1B: Oral Communication and Critical Thinking	COMM 311, COMM 315, COMM 331, COMM 341, COMM 361, COMM C1000 (formerly COMM 301), ENGL C1001 (formerly ENGWR 302), ENGL C1001H (formerly ENGWR 482), ENGL 301 (formerly ENGWR 301), ENGL 481(formerly ENGWR 481), ENGRD 310, PHIL 300*, PHIL 320, PHIL 325*, PSYC 335*

* Courses appearing in more than one category may be used to satisfy *only one* category.

L2: Mathematical Concepts and Quantitative Reasoning

Choose one course for a minimum of three semester units (four quarter units).

Area	Courses
L2: Mathematical Concepts and Quantitative Reasoning	AI 311, CISC 311, CISD 351, CISP 300, CISP 350, CISP 360, CISP 400, CISP 401, CISP 408, CISP 440, ECON 310, MATH 300, MATH 310, MATH 333, MATH 341, MATH 343, MATH 355, MATH 356, MATH 372, MATH 373, MATH 375, MATH 385, MATH 400, MATH 401, MATH 402, MATH 410, MATH 420, PHIL 325*, PSYC 330, STAT C1000 (formerly STAT 300)

* Courses appearing in more than one category may be used to satisfy *only one* category.

L3: Arts and Humanities

Choose one course for a minimum of three semester units (four quarter units).

Area	Courses
L3: Arts and Humanities	ANTH 330, ANTH 341, ART 300, ART 312, ART 320, ART 323, ART 337, ART 361, ART 370, ART 372, ART 390, ART 402, ART 430, ARTH 300, ARTH 304, ARTH 306, ARTH 307, ARTH 309, ARTH 311, ARTH 312, ARTH 318, ARTH 324, ARTH 325, ARTH 328, ARTH 330, ARTH 332, ARTH 333, ARTH C1100 (formerly ARTH 303), COMM 305, DANCE 380, ECE 361, ECE 363, ENGCW 400, ENGCW 410, ENGCW 420, ENGCW 430, ENGL 301 (formerly ENGWR 301), ENGL 481 (formerly ENGWR 481), ENGLT 303, ENGLT 305, ENGLT 310, ENGLT 311, ENGLT 319, ENGLT 320, ENGLT 321, ENGLT 330, ENGLT 339, ENGLT 340, ENGLT 341, ENGLT 345, ENGLT 359, ENGLT 360, ENGLT 370, ENGLT 402, FREN 401, FREN 402, FREN 411, FREN 412, HIST 301*, HIST 302*, HIST 307*, HIST 308*, HIST 344*, HIST 368*, HUM 300, HUM 301, HUM 310, HUM 320, HUM 325, HUM 332, HUM 370, KINES 309, MUFHL 300, MUFHL 308, MUFHL 310, MUFHL 311, MUFHL 315, MUFHL 321, MUFHL 330, MUFHL 400, MUFHL 401, MUFHL 410, MUFHL 411, MUSM 370, PHIL 300*, PHIL 310, PHIL 330, PHIL 331, PHIL 350, PHIL 352, PHOTO 302, PHOTO 420, SILA 305, SILA 306, SILA 315, SILA 316, SPAN 401, SPAN 402, SPAN 411, SPAN 412, TA 300, TA 302, TA 303, TA 304, TA 308, TA 350, TAFILM 300, TAFILM 303, TAFILM 304, TAFILM 307, TAFILM 320, TAFILM 480

* Courses appearing in more than one category may be used to satisfy *only one* category.

L4: Social and Behavioral Sciences

Choose one course for a minimum of three semester units (four quarter units).

Area	Courses
L4: Social and Behavioral Sciences	ADMJ 300, ADMJ 302, ADMJ 320, ANTH 310, ANTH 319, ANTH 323, ANTH 330, ANTH 341, BUS 300, BUS 320*, BUS 330, BUS 345, COMM 325, COMM 341, COMM 351, COMM C1004* (formerly COMM 321), ECE 312*, ECE 314*, ECE 330*, ECE 430, ECON 307, ECON 320*, ECON C2001 (formerly ECON 304), ECON C2002 (formerly ECON 302), ETHNS 300*, ETHNS 320*, ETHNS 321*, ETHNS 330*, ETHNS 350*, ETHNS 351*, ETHNS 360*, ETHNS 361*, GEOG 310, GEOG 322, HIST 301*, HIST 302*, HIST 307*, HIST 308*, HIST 314, HIST 319, HIST 331, HIST 344*, HIST 368*, HIST C1001 (formerly HIST 310), HIST C1002 (formerly HIST 311), JOUR 310, KINES 308, KINES 416*, NUTRI 310, POLS 302, POLS 310, POLS 320, POLS C1000 (formerly POLS 301), PSYC 320, PSYC 335*, PSYC 340*, PSYC 356*, PSYC 368*, PSYC 370*, PSYC 390*, PSYC C1000 (formerly PSYC 300), SJS 300, SOC 300, SOC 301, SOC 310*, SOC 321, SOC 341*, SOC 379, SWHS 300

* Courses appearing in more than one category may be used to satisfy *only one* category.

L5: Natural Sciences

Choose one course for a minimum of three semester units (four quarter units).

Area	Courses
L5: Natural Sciences	ANTH 300, ANTH 303, ASTR 310, ASTR 320, ASTR C1001 (formerly ASTR 300), BIOL 300, BIOL 310, BIOL 323, BIOL 342*, BIOL 350, BIOL 370, BIOL 400, BIOL 410, BIOL 411, BIOL 420, BIOL 430, BIOL 431, BIOL 440, BIOL 442, BIOL C1000 (formerly BIOL 307), CHEM 300, CHEM 305, CHEM 337, CHEM 339, CHEM 400, CHEM 401, CHEM 410, CHEM 420, CHEM 421, FT 304, GEOG 300, GEOG 306, GEOG 331, GEOL 300, GEOL 302, GEOL 305, GEOL 310, GEOL 330, GEOL 345, NUTRI 300*, NUTRI 302*, PHYS 310, PHYS 311, PHYS 350, PHYS 360, PHYS 411, PHYS 421, PHYS 431, PS 302, PSYC 312

* Courses appearing in more than one category may be used to satisfy *only one* category.

L6: Ethnic Studies

Choose one course for a minimum of three semester units (four quarter units).

Area	Courses
L6: Ethnic Studies	ETHNS 300*, ETHNS 320*, ETHNS 321*, ETHNS 330*, ETHNS 331, ETHNS 350*, ETHNS 351*, ETHNS 360*, ETHNS 361*

* Courses appearing in more than one category may be used to satisfy *only one* category.

L7: Living Skills

Choose one course from Area L7A and a minimum of two units from Area L7B, for a minimum of three semester units (four quarter units) total. This area can also be fulfilled by Military Service Credit (honorable or under honorable conditions) with basic training completed. Submit a copy of the DD214 to Admissions and Records as verification. Students whose majors have 45 or more units of required coursework are exempt from the L7: Living Skills requirement.

Area	Courses
L7A: Physical Education	ADAPT 300, DANCE 301, DANCE 309, DANCE 310, DANCE 312, DANCE 313, DANCE 314, DANCE 320, DANCE 321, DANCE 322, DANCE 323, DANCE 327, DANCE 328, DANCE 329, DANCE 330, DANCE 332, DANCE 333, DANCE 334, DANCE 351, DANCE 352, DANCE 353, DANCE 354, DANCE 360, DANCE 361, DANCE 362, DANCE 363, DANCE 377, DANCE 378, DANCE 390, DANCE 392, DANCE 394, DANCE 410, DANCE 411, DANCE 412, DANCE 413, DANCE 436, DANCE 437, DANCE 438, DANCE 439, DANCE 440, DANCE 441, DANCE 442, DANCE 443, FITNS 304, FITNS 306, FITNS 324, FITNS 326, FITNS 371, FITNS 372, FITNS 373, FITNS 374, FITNS 380, FITNS 381, FITNS 384, FITNS 386, FITNS 387, FITNS 388, FITNS 390, FITNS 392, FITNS 393, FITNS 394, FITNS 395, FITNS 400, FITNS 414, FITNS 470, FITNS 499, PACT 300, PACT 310, PACT 311, PACT 390, PACT 391, PACT 393, PACT 430, PACT 431, PACT 432, SPORT 300, SPORT 301, SPORT 303, SPORT 311, SPORT 312, SPORT 313, SPORT 314, SPORT 316, SPORT 317, SPORT 318, SPORT 350, SPORT 351, SPORT 352, SPORT 355, SPORT 357, SPORT 358, SPORT 365, SPORT 366, SPORT 368, SPORT 380, SPORT 385, SPORT 386, SPORT 403, SPORT 405, SPORT 406, SPORT 408, TMACT 305, TMACT 306, TMACT 320, TMACT 321
L7B: Life Development Skills	ACCT 498, ADMJ 498, AH 498, ANTH 498, BIOL 342*, BIOL 498, BUS 320*, BUS 498, BUSTEC 498, CHEM 498, CISC 498, COMM 498, COMM C1004* (formerly COMM 321), DANCE 382, DANCE 387, DANCE 388, DANCE 498, ECE 312*, ECE 314*, ECE 330*, ECE 415, ECE 498, ECON 320*, ENGED 320, ENVT 498, GEOG 498, HCD 110, HCD 310, HCD 315, HCD 318, HCD 330, HCD 345, HEED 300, HEED 352, INDIS 313, KINES 300, KINES 416*, KINES 498, LIBR 318, MAKR 298, MAKR 498, MGMT 498, MKT 498, MUSM 498, NUTRI 300*, NUTRI 302*, NUTRI 322, NUTRI 330, NUTRI 498, PSYC 340*, PSYC 356*, PSYC 368*, PSYC 370*, PSYC 390*, SGVT 300, SOC 310*, SOC 341*, SWHS 302, SWHS 340, SWHS 498, TA 498, VITI 498, WEXP 198, WEXP 498

* Courses appearing in more than one category may be used to satisfy *only one* category.

Petition for a Certificate

How to Petition for a Certificate of Achievement

Students can file a petition for a Certificate of Achievement using our online certificate petition form (https://flc.losrios.edu/why-flc/graduation-and-transfer/graduating-from-flc/petition-for-graduation/submit-a-petition-for-a-degree-or-certificate). Be prepared to fill out your personal information and each course that satisfies the major requirements. All requirements must be met by the end of the term in which you petition.

Requirements

To petition for a certificate, students must:

1. Know their catalog year. *Students typically follow the current catalog year. To use certificate requirements from an earlier catalog, you must have maintained catalog rights (https://flc.losrios.edu/2026-2027-official-catalog/graduation-and-transfer/petition-for-a-certificate#catalog-rights).*
2. Complete all certificate requirements with a minimum grade point average (GPA) of 2.0.

Required Documentation

The following must be on file in the Admissions and Records Office for a certificate petition to be processed:

- Official transcripts for all coursework applicable to the certificate completed outside of the Los Rios Community College District[#]
- Official copies of AP/IB/CLEP test scores, if applicable
- Official final transcripts will be required at the end of the semester for the final certificate evaluation
- Copy of any required competency tests, if applicable

Students must complete all certificate requirements by the end of the semester in which they petition for a certificate.

[#] *External coursework may require a petition for course substitution/waiver approval through the department and use towards your program.*

Petition Deadlines for 2026-2027

- Fall 2026: Friday, October 2, 2026
- Spring 2027: Friday, March 5, 2027
- Summer 2027: Friday, July 2, 2027

Approval or Denial

Final evaluations begin after final grades are posted at the end of each respective term/semester.

You will be notified via email if your petition is approved or denied.

If denied, then you will be notified of the missing requirements and advised to submit a new petition. If approved, then your certificate will be posted to your transcript within three to four months after the end of the semester.

All certificates will be mailed to the student's address on file. If you need an accommodation to pick up a certificate in person, then contact the Admissions and Records office.

Petition Semester	Petition Deadline	Approval/Denial Date	Mailed or Ready for Pick-Up
Summer	First Friday in July	Mid-October	December

Petition Semester	Petition Deadline	Approval/Denial Date	Mailed or Ready for Pick-Up
Fall	First Friday in October	End of March	May
Spring	First Friday in March	Early September	November

Catalog Rights

For the purpose of graduating or earning a certificate from any college in the Los Rios Community College District, a student who attends at least one session (whether quarter, semester, or summer) in each calendar year at any California community college, California State University, University of California, or any regionally accredited institution of higher education, may choose to meet the requirements in effect at the Los Rios college from which the student intends to graduate, as follows:

- Requirements that were in effect at the time the student was admitted to a Los Rios college
- Requirements that were in effect at the time the student originally enrolled in an accredited college
- Requirements that were in effect at the intended date of graduation from a Los Rios college

Please note:

- Students with catalog rights prior to Fall 2025 can continue to follow the old local AA/AS GE pattern. Use the new local AA/AS GE requirements (https://flc.losrios.edu/catalog/local-ge) along with the new to old AA/AS GE mapping table (https://flc.losrios.edu/student-resources/counseling/cal-getc-and-general-education-guidance/mapping-new-to-old-local-general-education-requirements) to complete your general education requirements.
- A college may authorize or request substitution for discontinued courses.
- Students who change their major field of study may be required to complete those requirements for the major in effect at the point of change.
- For purposes of this section, "attendance" means taking classes in at least one session (semester or summer session) in each calendar year. Absence for attendance at another regionally accredited institution shall not be considered an interruption in attendance, per Los Rios Policy P-7242: Establishing Catalog Rights (https://flc.losrios.edu/2026-2027-official-catalog/graduation-and-transfer/shared/doc/policies/board/P-7242.pdf).

Certificate Programs

Folsom Lake College offers two types of certificates:

Certificate of Achievement

The Certificate of Achievement certifies that a student has completed all required courses and is prepared to enter the career designated on their certificate. Certificate of Achievement programs are developed to provide vocational training for students who are not necessarily seeking a college degree. Certificates of Achievement require a grade of "C" or better in each course. Certificates of Achievement are noted on transcripts.

Certificate of Recognition

Certificates of Recognition are intended to certify that students are prepared to meet specific occupational needs, upgrade skills, or advance in an existing career. Certificates of Recognition require fewer than 16 units with a grade of "C" or better in each course. At least 12 units toward the degree must be completed within the Los Rios Community College District. If the certificate requires fewer than 12 units, then students must take the number of units required by the certificate within the Los Rios Community College District. As long as the units a student takes are degree- or transfer-applicable, they do not necessarily have to be the specific units required for the certificate.

Certificates of Recognition are not noted on transcripts.

Petition for a Degree

How to Petition for a Degree

Students can file a online petition for a degree (https://flc.losrios.edu/why-flc/graduation-and-transfer/graduating-from-flc/petition-for-graduation/submit-a-petition-for-a-degree-or-certificate) or online petition for a transfer degree (https://flc.losrios.edu/why-flc/graduation-and-transfer/graduating-from-flc/petition-for-graduation/submit-a-petition-for-a-degree-or-certificate). Be prepared to fill out your personal information and each course that satisfies the general education areas and major requirements. All requirements must be met by the end of the term in which you petition.

Requirements

To petition for a degree, students must:

1. Know their catalog year*
2. Complete all degree requirements with a minimum grade point average (GPA) of 2.0
3. Complete at least 12 units toward the degree within the Los Rios Community College District (American River College, Cosumnes River College, Folsom Lake College, and Sacramento City College)

** Usually, students follow the catalog year from which they began and maintained enrollment or the current catalog year. If you have questions about your catalog year, then please consult the information about catalog rights (https://flc.losrios.edu/2026-2027-official-catalog/graduation-and-transfer/petition-for-a-degree#catalog-rights) or a counselor.*

Required Documentation

The following must be on file in the Admissions and Records Office for a degree petition to be processed:

- Official transcripts for all coursework applicable to the degree and completed outside of the Los Rios Community College District[#]
- Official copies of AP/IB/CLEP test scores, if applicable
- A copy of DD214-military discharge papers, or an official Joint Services Transcript (JST), if veteran desires credit for military units
- List of courses in progress if attending another college and official final transcripts will be required at the end of the semester for final degree evaluation
- Copy of any required competency tests, if applicable

Students must complete all degree requirements by the end of the semester in which they petition for a degree.

[#] *External coursework may require a petition for course substitution/waiver approval through the department and use towards your program.*

Petition Deadlines for 2026-2027

- Fall 2026: Friday, October 2, 2026
- Spring 2027: Friday, March 5, 2027
- Summer 2027: Friday, July 2, 2027

Approval or Denial

Final evaluations begin after final grades are posted at the end of each respective term/semester.

You will be notified via email if your petition is approved or denied.

If denied, then you will be notified of the missing requirements and advised to submit a new petition. If approved, then your degree will be posted to your transcript within three to four months after the end of the semester.

All diplomas will be mailed to the student's address on file. If you need an accommodation to pick up your diploma in person, then please contact the Admissions and Records office.

Petition Semester	Petition Deadline	Approval/Denial Date	Mailed or Ready for Pick-Up
Summer	First Friday in July	Mid-October	December
Fall	First Friday in October	End of March	May
Spring	First Friday in March	Early September	November

Catalog Rights

For the purpose of graduating or earning a certificate from any college in the Los Rios Community College District, a student who attends at least one session (whether quarter, semester, or summer) in each calendar year at any California community college, California State University, University of California, or any regionally accredited institution of higher education, may choose to meet the requirements in effect at the Los Rios college from which the student intends to graduate, as follows:

- Requirements that were in effect at the time the student was admitted to a Los Rios college
- Requirements that were in effect at the time the student originally enrolled in an accredited college
- Requirements that were in effect at the intended date of graduation from a Los Rios college

Please note:

- Students with catalog rights prior to Fall 2025 can continue to follow the old local AA/AS GE pattern. Use the new local AA/AS GE requirements (https://flc.losrios.edu/catalog/local-ge) along with the new to old AA/AS GE mapping table (https://flc.losrios.edu/student-resources/counseling/cal-getc-and-general-education-guidance/mapping-new-to-old-local-general-education-requirements) to complete your general education requirements.
- A college may authorize or request substitution for discontinued courses.
- Students who change their major field of study may be required to complete those requirements for the major in effect at the point of change.
- For purposes of this section, "attendance" means taking classes in at least one session (semester or summer session) in each calendar year. Absence for attendance at another regionally accredited institution shall not be considered an interruption in attendance, per Los Rios Policy P-7242: Establishing Catalog Rights (https://flc.losrios.edu/2026-2027-official-catalog/graduation-and-transfer/shared/doc/policies/board/P-7242.pdf).

Commencement

Folsom Lake College holds a commencement ceremony in May of each year, at the end of the spring semester. Students who meet and satisfy the graduation requirements during the prior summer term (August), prior fall semester (December), or during the spring semester may participate in the graduation commencement exercise. See Graduation Ceremony (https://flc.losrios.edu/commencement) for current ceremony details.

All students who are eligible for an associate degree must petition for graduation.

Preparing to Transfer

Make a Plan for Transfer Success

Students who plan to transfer to the California State University (CSU) system, the University of California (UC) system, or to a private or out-of-state college or university should make an education plan with a counselor. This will ensure you meet the requirements for the specific institution you plan to attend.

Transfer eligibility is based on transferable college units and/or high school records and test scores. Each institution has its own admission requirements. To prepare for transfer:

1. Decide where you want to transfer
2. Talk to a counselor about that school's specific requirements
3. Create an education plan

Transfer to a California State University

Transfer Requirements

A maximum of 70 transferable units completed at California community colleges can be applied to a baccalaureate degree. Coursework completed that exceeds the 70-unit maximum may be given "subject credit" after transfer. Consult with a counselor.

You may be eligible for transfer to the California State University (CSU) system after you complete the following at a California community college:

1. A minimum of 60 transferable units with a 2.0 grade point average*
2. One of the following general education requirements (check with a counselor to determine the appropriate pattern for the degree you are pursuing):
    - For students with catalog rights of Fall 2025 or later:
        - California General Education Transfer Curriculum (Cal-GETC) requirements (https://flc.losrios.edu/catalog/cal-getc)
    - For students with catalog rights before Fall 2025, one of the following:
        - CSU General Education (CSU GE) Breadth requirements (https://flc.losrios.edu/academics/programs-majors/catalog-archives/california-state-university-general-education-breadth-requirements), including areas A1, A2, A3, and B4
        - Intersegmental General Education Transfer Curriculum (IGETC) requirements (if you plan to continue following IGETC, then use the Cal-GETC requirements (https://flc.losrios.edu/catalog/cal-getc) along with the Cal-GETC to IGETC mapping table (https://flc.losrios.edu/student-resources/counseling/cal-getc-and-general-education-guidance/mapping-cal-getc-to-igetc) to complete your general education requirements)
        - Cal-GETC requirements (https://flc.losrios.edu/catalog/cal-getc)

In addition to general education and graduation requirements, we encourage you to complete lower-division preparatory courses for your major as required by the CSU to which you want to transfer. You can find lower-division major requirements at assist.org (https://assist.org), the official state-wide repository for transfer and course articulation information.

** GPA requirements are higher for campuses or majors that are impacted or more competitive. The minimum GPA for international or non-resident students is 2.4 instead of 2.0.*

Dual Admission to Community College and CSU

If you are enrolling in a California community college this fall, you may be eligible to apply for dual admission to a California State University. Visit the CSU Transfer Success Pathway (https://www.calstate.edu/apply/transfer/Pages/transfer-success-pathway.aspx) for more information. The agreement cycle (the window to apply) is August 1 through October 31.

CSU Application Dates and Deadlines

Priority application deadlines for CSU:

- For fall admission, the application period is October 1 to November 30 of the prior year.
- For spring admission, the application period is July 1 to August 31 of the prior year (spring 2027 only; future filing dates subject to change).

See Cal State Apply - Transfer (https://www.calstate.edu/apply/transfer) for more CSU transfer information and application deadlines.

Transfer to a University of California

Transfer Requirements

Students who plan to transfer to the University of California (UC) system must meet certain requirements.

A maximum of 70 UC-transferable units completed at California community colleges can be applied to a baccalaureate degree. Coursework completed that exceeds the 70-unit maximum may be given "subject credit" after transfer. Consult with a counselor.

Transfer Eligibility

Junior-Level Transfer

To be eligible for UC admission, FLC students must fulfill the following requirements:

1. Complete 60 semester (90 quarter) units of transferable college credit with a GPA of at least 2.4 (2.8 for nonresidents). No more than 14 semester (21 quarter) units – excluding units completed in winter, spring, and summer 2020 – may be taken "Pass/No Pass." *Exception: if your college/university only awards "Pass" credit, you are not subject to this limitation for your attendance at that institution.*
2. Complete the following seven-course pattern requirements:
    - Two transferable college courses (three semester units or four to five quarter units each) in English composition
    - One transferable college course (three semester units or four to five quarter units) in mathematical concepts and quantitative reasoning
    - Four transferable college courses (three semester units or four to five quarter units each) chosen from at least two of the following subject areas:
        - Arts and humanities
        - Social and behavioral sciences
        - Physical and biological sciences

Transfer Notes

- Students must also complete the lower-division preparatory courses for the major as required by the UC to which they want to transfer. Find lower-division major requirements at assist.org (https://assist.org), the official state-wide repository for transfer and course articulation information.
- Each course must be worth at least three semester or four quarter units.
- Students need to earn a grade of "C" or better in each course or a "Pass (P)" grade if "Pass" is equivalent to a "C" or better.
- AP exam scores of 3, 4, or 5 and IB Higher level exams passed with a 5 or higher may be used to meet portions of the seven-course breadth pattern for transfer students. *Exception: only one of the two English courses required can be satisfied by an AP exam score.*

To view additional transfer options and services, see the University of California Transfer Requirements (https://admission.universityofcalifornia.edu/counselors/preparing-transfer-students/transfer-requirements.html).

California General Education Transfer Curriculum (Cal-GETC)

When you complete the California General Education Transfer Curriculum (Cal-GETC) pattern (https://flc.losrios.edu/catalog/cal-getc), you partially fulfill the 60-unit requirement for transfer to UC and complete the lower division general education breadth requirements. You should request your Cal-GETC certification from the community college you last attended when your final transcript is sent to the UC campus.

The Cal-GETC is best if you have not yet chosen a major or a campus. Once you have selected a major, it is important to begin fulfilling any required preparatory classes for that major. This is especially true for professional or "high-unit" majors. If you are preparing for an engineering or a high-unit science major at a UC campus, then it is not advisable to use the Cal-GETC. Instead, you should concentrate on fulfilling the 60-unit admission requirement by completing lower division major preparation courses as well as the basic admission requirements listed above.

Helpful Hints

- Connect with a counselor regularly to monitor your transfer progress.
- Many courses other than the ones listed in the Cal-GETC will transfer to UC. The units from those other courses will count toward the 60 units required to transfer as a junior. Check the catalog for the transfer status of any course.
- Though transfers do not require an associate degree, it is easy to complete one while preparing to transfer. Learn about associate degree graduation requirements (https://flc.losrios.edu/catalog/associate-degree-graduation-requirements).
- Check with your counselor about other courses needed for your major. In many cases, it is to your advantage to complete all pre-major requirements as well as general education requirements before you transfer.

UC Application Dates and Deadlines

Priority application deadlines for UC:

- Fall quarter/semester application period is October 1 to November 30.
- Winter quarter/spring semester application period is July 1 through 31.

See UC Admissions – Applying as a Transfer Student (https://admission.universityofcalifornia.edu/how-to-apply/applying-as-a-transfer/) for more information and application deadlines for each UC campus.

Transfer to a Private or Out-of-State College

Folsom Lake College's Counseling and Transfer Services can support you in evaluating transfer requirements and articulation agreements to many independent, private, or out-of-state colleges to which you want to transfer. Most four-year institutions give full credit for general education courses and other courses designated for transfer at community colleges. **The key is to start early so that you can develop a plan for your options.**

See FLC's Articulation Agreements (https://flc.losrios.edu/why-FLC/transfer-to-a-four-year-institution/articulation) for the most up-to-date information regarding courses that are considered comparable to many independent, private, and out-of-state colleges.

Association of Independent California Colleges and Universities (AICCU)

The Association of Independent California Colleges and Universities (AICCU) is made up of more than 80 independent, private non-profit colleges and universities in California. Many have unique and specific transfer requirements. Visit AICCU's Choosing a College website (https://aiccu.edu/page/ChoosingColleges) to learn more about their campuses.

Many AICCU colleges and universities offer guaranteed admission when you earn an Associate Degree for Transfer (ADT) from a community college. You can view a full list of AICCU ADT Participating Institutions (https://docs.google.com/spreadsheets/d/1KeCD7ObkPwqkHDXeazhcb4OmPlizW6GAGnDPIcZT5ZU/edit?gid=1283451677#gid=1283451677) and majors accepted.

Historically Black Colleges and Universities (HBCUs)

Historically Black Colleges and Universities (HBCUs) were created primarily to serve the higher education needs of the Black community, however, they are open to students of all ethnicities. HBCUs are located in the South and on the East Coast and award bachelor's degrees in many fields; many award master's and doctorate degrees as well. (Source: California Community Colleges Transfer Guarantee Pathways to HBCU (https://icangotocollege.com/hbcu-transfer-opportunities). To learn more about the History of HBCU campuses, please visit History of Black Higher Education in America (https://files.eric.ed.gov/fulltext/ED363247.pdf).)

Any California community college student with a GPA of 2.0 or higher (*note: certain partner HBCUs will require a higher GPA*) is guaranteed admission to all partner HBCU institutions using either of the following two options:

1. Complete an associate degree for transfer (ADT) using the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth pattern.
2. Complete a minimum of 30 UC or CSU units.

Resources

- HBCU: How to Qualify (https://icangotocollege.com/hbcu-transfer-opportunities)
- California Community Colleges HBCU Partner Schools (https://icangotocollege.com/hbcu-transfer-opportunities#hbcu_partner_list)
- Western Undergraduate Exchange (WUE) (https://www.wiche.edu/WUE/students) – The WUE is an agreement among the 16 member states and territories of the Western Interstate Commission for Higher Education (WICHE), through which over 160 participating public colleges and universities provide significant nonresident tuition savings for Western students. In addition, many out-of-state colleges participate in the WUE, which offers discounts to California students in certain majors. To learn more about WUE and eligibility, visit the WICHE's major/program search (https://www.wiche.edu/tuition-savings/wue/wue-savings-finder/) feature.

California General Education Transfer Curriculum Requirements

The California General Education Transfer Curriculum (Cal-GETC) is a general education pattern designed to make transferring from a California Community College to a California State University (CSU) or University of California (UC) easier and more efficient. Cal-GETC will be the only lower-division general education pathway for students with catalog rights of 2025-2026 and later pursuing an Associate Degree for Transfer (ADT) or planning to transfer to CSU or UC. Cal-GETC meets lower-division general education requirements at either a CSU or a UC without requiring students to take additional lower-division general education courses after they transfer. All courses must be completed with a grade of "C" or better.

2026-2027 Cal-GETC Requirements

Courses appearing in more than one category may be used to satisfy *only one category*.

1. English Communication and Critical Thinking

Choose one course (three units minimum) from each area for a minimum of nine semester units.

Area	Courses
1A. English Composition	ENGL C1000 (formerly ENGWR 300), ENGL C1000H (formerly ENGWR 480), ESLW 340
1B. Critical Thinking and Composition	COMM 315, ENGL C1001 (formerly ENGWR 302), ENGL C1001H (formerly ENGWR 482), ENGL 301 (formerly ENGWR 301), ENGL 481 (formerly ENGWR 481)
1C. Oral Communication	COMM C1000 (formerly COMM 301), COMM 361

2. Mathematical Concepts and Quantitative Reasoning

Choose one course for a minimum of three semester units.

Area	Courses
2. Mathematical Concepts and Quantitative Reasoning	ECON 310, MATH 300, MATH 333, MATH 341, MATH 343, MATH 355, MATH 356, MATH 372, MATH 373, MATH 375, MATH 385, MATH 400, MATH 401, MATH 402, MATH 410, MATH 420, PSYC 330, STAT C1000 (formerly STAT 300)

3. Arts and Humanities

Choose one course (three units minimum) from each area for a minimum of six semester units.

Area	Courses
3A. Arts	ARTH C1100 (formerly ARTH 303), ARTH 300, ARTH 304, ARTH 306, ARTH 307, ARTH 309, ARTH 311, ARTH 312, ARTH 318, ARTH 324, ARTH 325, ARTH 328, ARTH 330, ARTH 332, ARTH 333, COMM 305, DANCE 380, MUFHL 300, MUFHL 308, MUFHL 310, MUFHL 311, MUFHL 315, MUFHL 321, MUFHL 330, MUFHL 400, MUFHL 401, MUFHL 410, PHOTO 420, TA 300, TA 302, TA 303, TA 304, TA 308, TAFILM 300, TAFILM 303, TAFILM 304, TAFILM 320, TAFILM 480
3B. Humanities	ARTH 325, ARTH 333, ENGLT 303, ENGLT 305, ENGLT 310, ENGLT 311, ENGLT 319, ENGLT 320, ENGLT 321, ENGLT 330, ENGLT 339, ENGLT 340, ENGLT 341, ENGLT 345, ENGLT 359, ENGLT 360, ENGLT 370, ENGLT 402, FREN 411, FREN 412, HIST 301, HIST 302, HIST 307, HIST 308, HIST 344, HIST 368, HUM 300, HUM 301, HUM 310, HUM 320, HUM 325, HUM 332, HUM 370, KINES 309, PHIL 300, PHIL 310, PHIL 330, PHIL 331, PHIL 350, PHIL 352, SILA 316, SPAN 411, SPAN 412, TAFILM 307

4. Social and Behavioral Sciences

Choose two courses from different disciplines for a minimum of six semester units.

Area	Courses
4. Behavioral and Social Sciences	ADMJ 300, ADMJ 302, ANTH 310, ANTH 319, ANTH 323, ANTH 330, ANTH 341, BUS 330, BUS 345, COMM 325, COMM 351, ECE 312, ECON C2001 (formerly ECON 304), ECON C2002 (formerly ECON 302), ECON 307, ETHNS 300, ETHNS 320, ETHNS 321, ETHNS 330, ETHNS 331, ETHNS 350, ETHNS 351, ETHNS 360, ETHNS 361, GEOG 310, GEOG 322, HIST C1001 (formerly HIST 310), HIST C1002 (formerly HIST 311), HIST 301, HIST 302, HIST 307, HIST 308, HIST 314, HIST 319, HIST 331, HIST 344, HIST 368, JOUR 310, NUTRI 310, POLS C1000 (formerly POLS 301), POLS 302, POLS 310, POLS 320, PSYC C1000 (formerly PSYC 300), PSYC 320, PSYC 335, PSYC 340, PSYC 356, PSYC 368, PSYC 370, PSYC 390, SJS 300, SOC 300, SOC 301, SOC 310, SOC 321, SOC 341, SOC 379, SWHS 331

5. Physical and Biological Sciences

Choose a minimum of two courses, with one from 5A. Physical Sciences and one from 5B. Biological Sciences; at least one of the two courses must include a laboratory component from 5C. For courses with separate lecture and laboratory, the lecture course must be completed before or concurrently with the related laboratory course.

Area	Courses
5A. Physical Science	ASTR C1001 (formerly ASTR 300), ASTR 310, ASTR 320, CHEM 300, CHEM 305, CHEM 337, CHEM 339, CHEM 400, CHEM 401, CHEM 410, CHEM 420, CHEM 421, GEOG 300, GEOG 306, GEOL 300, GEOL 302, GEOL 305, GEOL 310, GEOL 330, GEOL 345, PHYS 310, PHYS 311, PHYS 350, PHYS 360, PHYS 411, PHYS 421, PHYS 431, PS 302
5B. Biological Science	ANTH 300, ANTH 303, BIOL C1000 (formerly BIOL 307), BIOL 300, BIOL 310, BIOL 323, BIOL 350, BIOL 370, BIOL 400, BIOL 410, BIOL 411, BIOL 420, BIOL 430, BIOL 431, BIOL 440, BIOL 442, NUTRI 300, PSYC 312
5C. Associate Lab Component	ANTH 301, ASTR C1001L (formerly ASTR 400), BIOL C1000 (formerly BIOL 307), BIOL 310, BIOL 323, BIOL 370, BIOL 400, BIOL 410, BIOL 411, BIOL 420, BIOL 430, BIOL 431, BIOL 440, BIOL 442, CHEM 300, CHEM 305, CHEM 337, CHEM 339, CHEM 400, CHEM 401, CHEM 410, CHEM 420, CHEM 421, GEOG 301, GEOL 301, GEOL 302, GEOL 306, GEOL 311, PHYS 312, PHYS 350, PHYS 360, PHYS 411, PHYS 421, PHYS 431, PS 302, PSYC 312

6. Ethnic Studies

Choose one course for a minimum of three semester units.

Area	Courses
6. Ethnic Studies	ETHNS 300, 320, 330, 350, 360

US History, Constitution, and American Ideals

This is a **California State University (CSU) graduation requirement only** – it is not required for Cal-GETC certification. This two-course (six-unit) requirement may be met before or after transfer to the CSU and double-counted with the Cal-GETC coursework – complete Option 1 or Option 2 to fulfill this requirement.

Option	Courses
Option 1	Complete POLS C1000 (formerly POLS 301), plus one of the following: HIST C1001 (formerly HIST 310), HIST C1002 (formerly HIST 311), or HIST 331
Option 2	Complete HIST C1001 (formerly HIST 310) and HIST C1002 (formerly HIST 311)

Language Other Than English

Optional before transfer: The UC Language Other Than English requirement is **not part of Cal-GETC certification**. Students may complete it before transferring or after enrolling at a UC. Each UC campus has guidelines for the *Language Other Than English* requirement (https://admission.universityofcalifornia.edu/counselors/uc-graduation-requirements); please consult a counselor for guidance.

Transfer Degree Requirements

Associate degrees for transfer (also called ADTs or transfer degrees) are designed to provide a clear pathway for California community college students to California State University (CSU) degrees. California community college students who earn an associate degree for transfer are guaranteed admission with junior standing to select CSU campuses and are given priority admission consideration over other transfer students. Students who have completed a transfer degree in a major deemed similar to a CSU major can complete the remaining requirements at that CSU within 60 units after transfer. For more information, consult a counselor.

Visit the I Can Go to College (https://icangotocollege.com/) website to learn more.

Requirements for a Transfer Degree

Transfer degrees require the following:

1. Complete all required courses for a major with a grade of "C" or better (or "P" if taking a class Pass/No Pass).
2. Complete one of the following general education (GE) patterns (check with your counselor to determine the appropriate pattern for the degree you are pursuing):
    - For students with catalog rights of Fall 2025 and later:
        - California General Education Transfer Curriculum (Cal-GETC)
    - For students with catalog rights before Fall 2025
        - CSU GE Breadth Requirements
        - Intersegmental General Education Transfer Curriculum (IGETC) – CSU option
        - California General Education Transfer Curriculum (Cal-GETC)
3. Complete 60 CSU-transferable units. At least 12 of the 60 units must be earned within the Los Rios Community College District.

Foreign Coursework Note

Foreign coursework from non-United States regionally accredited institutions cannot be used to meet California General Education Transfer Curriculum (Cal-GETC) requirements, California State University General Education-Breadth requirements, Intersegmental General Education Transfer Curriculum (IGETC) requirements, and associate degree for transfer requirements. Though four-year universities may accept international courses, each transfer institution independently evaluates such courses.

Transfer Degrees at Folsom Lake College

Folsom Lake College offers the following associate degrees for transfer:

- AS-T in Administration of Justice
- AA-T in Anthropology
- AA-T in Art History
- AS-T in Biology
- AS-T in Business Administration 2.0
- AA-T in Communication Studies 2.0
- AS-T in Early Childhood Education for Transfer
- AA-T in Economics
- AA-T in English
- AS-T in Environmental Science
- AA-T in Geography
- AS-T in Geology
- AA-T in History
- AA-T in Kinesiology
- AA-T in Law, Public Policy, and Society
- AS-T in Mathematics
- AS-T in Nutrition and Dietetics
- AA-T in Philosophy
- AS-T in Physics
- AA-T in Political Science
- AA-T in Psychology
- AS-T in Public Health Science
- AA-T in Social Work & Human Services
- AA-T in Social Justice Studies
- AA-T in Sociology
- AA-T in Spanish
- AA-T in Studio Art
- AA-T in Theatre Arts

Course Transferability and C-ID

Transferable Courses

Courses that can transfer to the University of California (UC) and/or California State University (CSU) systems are labeled as "Transferable" in the course details.

For questions about how specific courses transfer to particular institutions, students should consult a counselor.

Course Identification Numbering System (C-ID)

C-ID is a statewide system that identifies comparable courses across California community colleges, ensuring consistency in content, rigor, and student learning outcomes. A course with a C-ID number is equivalent to any other California community college course with the same designation and will be accepted at participating community colleges and CSU campuses. For example, **C-ID COMM 110** at Folsom Lake College will be accepted at any other college offering a course with the same C-ID number.

To evaluate course transferability, students should consult a counselor and visit ASSIST.org (https://assist.org) to see how Folsom Lake College courses apply to:

- Major requirements at CSU and UC campuses
- California General Education Transfer Curriculum (Cal-GETC) requirements

For private or out-of-state colleges, consult a counselor. An up-to-date list of Folsom Lake College's C-ID-approved courses is available on California's Transfer and Articulation System (https://www.c-id.net) website.

Common Course Numbering

Starting in Fall 2025, California community colleges are adopting a Common Course Numbering (CCN) system (per AB 1111). This system assigns common course numbers for comparable courses across all community colleges in the state. The goal of CCN is to facilitate a smoother transfer of credits between colleges and four-year institutions.

CCN does not replace C-ID but works alongside it. While C-ID ensures statewide articulation agreements, CCN provides a more direct, standardized course mapping. C-ID designations will still be used and displayed to maintain alignment with transfer pathways.

Order Official Transcripts From Folsom Lake College

Order Online

Official transcripts include **all coursework completed at all the Los Rios colleges**. Whether you attended American River College, Cosumnes River College, Folsom Lake College, Sacramento City College – or any combination of our colleges – you only need to submit **one transcript request to receive your entire Los Rios academic record**.

Current Students (https://www.parchment.com/sso/lrccd)

Alumni and Former Students (https://www.parchment.com/u/registration/104735997/account)

Delivery Options

Send transcripts to:

- Colleges and universities
- Employers
- Scholarship organizations
- Licensing agencies
- Yourself

Choose a delivery option:

Electronic PDF delivery: send secure electronic transcripts directly to recipients by email.

Mail delivery: mail paper transcripts to a physical address.

Campus pickup: order online and pick up your transcript at any main campus Admissions and Records office.

Hold Requests

You may place an order and request that we wait to release your transcript until:

- **Final grades are posted:** your transcript will be sent after grades are posted for the term in which you place your order.
- **Your degree/certificate is posted:** your transcript will be sent after your degree or certificate is officially awarded for the term in which you place your order.

Transcript Fees

Service	Cost
First official transcript	Free
Second official transcript	Free
Additional transcripts	$5 each

Requestor Responsibilities

Students and alumni requesting transcripts assume responsibility for the following:

- Providing the correct mailing address and/or email address.

- Ensuring the recipient accepts your chosen method of delivery.
- Ordering with enough time to meet the recipient's deadline.
- Following up with the recipient to ensure the order's arrival.

Special Transcript Requests

- **Older records (microfilm):** Students seeking older records maintained on microfilm may request them through the same online ordering system.
- **San Francisco College of Mortuary Science records:** Transcript requests for San Francisco College of Mortuary Science records are available through the same online ordering system.

Third-Party Authorization

Student records are protected by the Family Educational Rights and Privacy Act (FERPA). If a third party is picking up your transcripts, they must provide an authorization signed by you. Online requests that are automatically verified through eServices (or another automated authentication) are the exception to this rule.

Lost Transcripts

We are not responsible if your transcript is lost by the US Postal Service, FedEx, or the school or agency to which it was sent. We are also not responsible if you provide the wrong mailing address and your transcript is lost as a result. You will have to pay the normal fees for new transcript orders.

Unofficial Transcripts

Students may continue to access unofficial transcripts through eServices (https://ps.losrios.edu/student/signon.html), under **Academic Records**, then **View Unofficial Transcripts**.

Programs of Study

Folsom Lake College offers associate degrees, certificates, and transfer opportunities, as well as courses in general education.

Degree Programs

Associate in Arts Degree (AA)

The Associate degree may be obtained by the completion of all required courses for a major (18 units or more) with grades of "C" or better in each course, fulfillment of general education requirements, satisfaction of competencies, and completion of sufficient electives to meet a minimum total of 60 units with a grade point average of 2.0 ("C" average). At least 12 units toward the degree must be completed within the Los Rios Community College District.

Associate in Science Degree (AS)

The Associate degree may be obtained by the completion of all required courses for a major (18 units or more) with grades of "C" or better in each course, fulfillment of general education requirements, satisfaction of competencies, and completion of sufficient electives to meet a minimum total of 60 units with a grade point average of 2.0 ("C" average). At least 12 units toward the degree must be completed within the Los Rios Community College District. An Associate in Science Degree includes all science, technology, engineering, and mathematics (STEM) disciplines and career education (CE) fields.

Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T)

The following are the Associate Degree for Transfer (ADT) student completion requirements (as stated in SB 1440 law):

1. Completion of a minimum of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   A. One of the following general education (GE) patterns (check with your counselor to determine the appropriate pattern for the degree you are pursuing):
      - For students with catalog rights of Fall 2025 or later:
        - California General Education Transfer Curriculum (Cal-GETC)
      - For students with catalog rights before Fall 2025, one of the following:
        - CSU GE Breadth Requirements
        - Intersegmental General Education Transfer Curriculum (IGETC) – CSU option
        - California General Education Transfer Curriculum (Cal-GETC)

   B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0. ADTs also require that students must earn a "C" or better (or "P" if taken Pass/No Pass) in all courses required for the major or area of emphasis.

At least 12 units toward the degree must be completed within the Los Rios Community College District.

Visit A Degree With A Guarantee: Associate Degree for Transfer (https://adegreewithaguarantee.com) to learn more.

Certificate Programs

Folsom Lake College offers two types of certificates:

Certificate of Achievement

The Certificate of Achievement certifies that a student has completed all required courses and is prepared to enter the career designated on their certificate. Certificate of Achievement programs are developed to provide vocational training for students who are not necessarily seeking a college degree. Certificates of Achievement require a grade of "C" or better in each course. Certificates of Achievement are noted on transcripts.

Certificate of Recognition

Certificates of Recognition are intended to certify that students are prepared to meet specific occupational needs, upgrade skills, or advance in an existing career. Certificates of Recognition require fewer than 16 units with a grade of "C" or better in each course. At least 12 units toward the degree must be completed within the Los Rios Community College District. If the certificate requires fewer than 12 units, then students must take the number of units required by the certificate within the Los Rios Community College District. As long as the units a student takes are degree- or transfer-applicable, they do not necessarily have to be the specific units required for the certificate.

Certificates of Recognition are not noted on transcripts.

List of Degrees and Certificates

Folsom Lake College offers degree and certificate options. Requirements are identified for each career and general education program. Students must complete the program requirements to earn the desired degree or certificate, regardless of the order of completion.

Accounting

Degree

- AA in Accounting

Certificates of Achievement

- Accounting
- Accounting Computer Applications

Administration of Justice

Degrees

- AS-T in Administration of Justice

Allied Health

Degree

- AS in Pre-Health Occupations

Anthropology

Degree

- AA-T in Anthropology

Art

Degrees

- AA in Studio Art
- AA-T in Studio Art

Certificates of Achievement

- Art Education for Children
- Clay Arts

Certificate

- Metal Design

Art History

Degrees

- AA in Art History
- AA-T in Art History

Artificial Intelligence

Certificate

- Artificial Intelligence and Machine Learning Certificate

Biology

Degrees

- AS in Biological Sciences
- AS-T in Biology
- AS in Environmental Science
- AS-T in Environmental Science

Certificates

- Biology UC Preparation
- Environmental Science

Business

Degrees

- AS-T in Business Administration 2.0
- AA in Business Analyst/Data Analytics
- AA in Business: General
- AA in Public Management/Civil Service
- AA in Small Business Management: Entrepreneurship

Certificates of Achievement

- Business Analyst
- New World of Work
- Public Management/Civil Service
- Small Business Management/Entrepreneurship

Certificates

- Small Winery Marketing

Business Technology

Degree

- AS in Business Information Technology

Certificate of Achievement

- Business Information Professional II

Certificates

- Business Information Professional I

Communication Studies

Degree

- AA-T in Communication Studies 2.0

Certificate

- Applied Communication Skills

Computer Information Science

Degrees

- AS in Computer Science
- AS in Information Technology

Certificates of Achievement

- Computer Programming

Certificates

- Algorithmic and Logical Thinking
- Information Technology

Dance

Degree

- AA in Dance Studies

Early Childhood Education

Degrees

- AA in Early Childhood Education
- AS-T in Early Childhood Education for Transfer
- AA in ECE-Site Supervisor

Certificates of Achievement

- Early Childhood Education Teacher
- ECE-Infant Specialist
- ECE-Master Teacher

Certificates

- ECE-Assistant Teacher
- ECE-Associate Teacher

Economics

Degree

- AA-T in Economics

Education/Teaching

Degree

- AA in Liberal Studies for Elementary Education

Emergency Technology

Degree

- AS in Fire Technology

Engineering

Degree

- AS in Engineering

English

Degrees

- AA-T in English
- AA in English

Environmental Technology

Certificate of Achievement

- Water/Wastewater Management

General Education

Certificates of Achievement

- California General Education Transfer Curriculum (Cal-GETC)

Geography

Degree

- AA-T in Geography

Certificate of Achievement

- Geographic Information Systems

Geology

Degree

- AS-T in Geology

History

Degree

- AA-T in History

Honors

Certificate of Achievement

- Honors Certificate

Imaging

Certificates of Achievement

- Computed Tomography
- Magnetic Resonance Imaging

Interdisciplinary Studies

Degrees

- AA in Interdisciplinary Studies: Arts and Humanities
- AA in Interdisciplinary Studies: Communication and English
- AA in Interdisciplinary Studies: Math and Science
- AA in Interdisciplinary Studies: Social and Behavioral Sciences
- AA in Interdisciplinary Studies: Pre-Law
- AS in Interdisciplinary Studies: STEM
- AA-T in Law, Public Policy, and Society

Certificate of Achievement

- Heritage Interpretation

Kinesiology

Degrees

- AA-T in Kinesiology
- AS-T in Public Health

Management

Degree

- AA in Public Management/Civil Service

Certificate

- Public Management/Civil Service

Manufacturing and Industrial Technology

Degree

- AS in Manufacturing and Industrial Technology

Certificates of Achievement

- Manufacturing and Industrial Technology
- Production Planning

Certificates

- CAD/CAM Programming
- Quality Technician

Mathematics and Statistics

Degrees

- AS in Mathematics
- AS-T in Mathematics

Certificate of Achievement

- STEM Math

Medical Technology

Degree

- AS in Medical Laboratory Technician

Certificate of Achievement

- Pre-Clinical Laboratory Scientist Trainee

Modern Making

Certificate of Achievement

- Modern Making

Certificates

- Digital Fabrication
- Physical Computing and the Internet of Things

Music

Degree

- AA in Commercial Music, Entrepreneurship
- AA-T in Music

Certificate of Achievement

- Commercial Music: Live Sound Technician
- Commercial Music: Multimedia Music Composition
- Commercial Music: Music Entrepreneurship
- Commercial Music: Performance
- Commercial Music: World Music

Nursing

Certificate

- Certified Nurse Assistant

Nutrition

Degrees

- AS in Food Science
- AS-T in Nutrition and Dietetics
- AS in Nutrition Science

Certificate of Achievement

- Nutrition Education

Philosophy

Degree

- AA-T in Philosophy

Physics

Degree

- AS-T in Physics

Political Science

Degree

- AA-T in Political Science

Project Management

Certificate of Achievement

- Project Management

Psychology

Degrees

- AA in Psychology
- AA-T in Psychology

Radiology Technology

Degree

- AS in Radiologic Technology

Real Estate

Certificate

- Real Estate Sales

Social Work/Human Services

Degrees

- AA-T in Social Work & Human Services
- AA in Social Work/Human Services, General

Certificate of Achievement

- Human Services Specialist

Certificate

- Human Services Paraprofessional

Sociology

Degrees

- AA-T in Social Justice Studies
- AA-T in Sociology

Spanish

Degree

- AA-T in Spanish

Theatre Arts

Degree

- AA-T in Theatre Arts

Certificate of Achievement

- Theatre Arts: Technical

Viticulture

Degree

- AS in Viticulture and Enology

Description of Courses

Course Numbering

All courses at Folsom Lake College are comprised of a subject code (sometimes called a course prefix or course designator), course number, and course title. Some courses also have a course type identifier and/or a course specialty identifier. Here are descriptions of each component:

Subject Code/Course Prefix/Course Designator

The subject code is an alphabetical abbreviation for the subject area, between two and five characters long. For example, **ENGL** is for English, and **ENGCW** is for English - Creative Writing.

Course Number

Course numbers are standardized two-, three-, or four-digit numbers. For example, 90, 300, and 1000 are course numbers. Course numbers can tell you important information about the course:

- Courses numbered 1 to 99 are developmental or basic skills courses. These courses are for credit but are not degree-applicable nor transferable to four-year institutions.
- Courses numbered 100 to 299 are degree-applicable[1] but are not transferable to four-year institutions.
- Courses numbered 300 to 499 are transferable to four-year institutions, meeting general education, major, and/or elective credit requirements.
- Courses numbered **C**1000 and above are transferable to four-year institutions, meeting general education, major, and/or elective credit requirements.
- Courses numbered 1000 and above (without a "C" in front of the course number) are not degree-applicable nor transferable to four-year institutions.

Course Type Identifier

Courses that have a "C" in front of their course number belong to the Common Course Numbering (CCN) system (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/description-of-courses/course-numbering#ccn). For example, COMM **C**1000 is a CCN course, while COMM 302 is a local course.

Course Specialty Identifier

Some courses have additional characters at the end of their course number, such as:

- E = Embedded support
- H = Honors course
- L = Lab-only course
- S = Support Course

[1] Courses numbered 200 to 299 that were taken between fall 1989 and spring 2003 are not degree-applicable.

Example Courses

Example Course	Subject Code	Course Number	Course Type Identifier	Course Specialty Identifier
ENGL C1000H	ENGL = English	1000 = transferable to four-year institutions, meeting general education, major, and/or elective credit requirements	C = Common Course Number	H = Honors

Example Course	Subject Code	Course Number	Course Type Identifier	Course Specialty Identifier
STAT C1000E	STAT = Statistics	1000 = transferable to four-year institutions, meeting general education, major, and/or elective credit requirements	C = Common Course Number	E = embedded support
COMM C1000	COMM = Communications	1000 = transferable to four-year institutions, meeting general education, major, and/or elective credit requirements	C = Common Course Number	None
PSYC 330	PSYC = Psychology	330 = transferable to four-year institutions, meeting general education, major, and/or elective credit requirements	None	None
ENGWR 299	ENGWR = English Writing	299 = degree-applicable but not transferable to four-year institutions	None	None

Common Course Numbering

Starting in Fall 2025, California community colleges began adopting a Common Course Numbering (CCN) system (per AB 1111). This system assigns common course numbers for comparable courses across all community colleges in the state. The goal of CCN is to facilitate a smoother transfer of credits between colleges and four-year institutions.

FLC CCN Comparison Table

Compare old course data to new CCN course data for FLC.

COMM 301	COMM C1000	1259 Fall 2025
ENGWR 300	ENGL C1000	1259 Fall 2025
ENGWR 302	ENGL C1001	1259 Fall 2025
ENGWR 480	ENGL C1000H	1259 Fall 2025
ENGWR 482	ENGL C1001H	1259 Fall 2025
POLS 301	POLS C1000	1259 Fall 2025
PSYC 300	PSYC C1000	1259 Fall 2025
STAT 300	STAT C1000	1259 Fall 2025
ARTH 303	ARTH C1100	1269 Fall 2026
ASTR 300	ASTR C1001	1269 Fall 2026
ASTR 400	ASTR C1001L	1269 Fall 2026
BIOL 307	BIOL C1000	1269 Fall 2026
COMM 321	COMM C1004	1269 Fall 2026
HIST 310	HIST C1001	1269 Fall 2026
HIST 311	HIST C1002	1269 Fall 2026
ECON 302	ECON C2002	1269 Fall 2026
ECON 304	ECON C2001	1269 Fall 2026

Prerequisites, Corequisites, and Advisories

Enrollment Conditions

Many courses and educational programs have enrollment conditions, such as prerequisites, corequisites, or advisories on recommended preparation. These faculty-approved conditions are considered necessary and appropriate to ensure that students are adequately prepared to succeed in the course or educational program. It is the student's responsibility to meet all enrollment conditions.

Students may challenge a prerequisite requirement through the challenge process (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/description-of-courses/prerequisites-corequisites-and-advisories#challenge).

Prerequisite

A prerequisite is a course that a student is **required** to take to demonstrate current readiness for enrollment in another course or educational program. For example, to take ENGWR 301, a student must have already completed ENGL C1000 (formerly ENGWR 300) with a grade of "C" or better.

Corequisite

A corequisite is a course that a student is **required** to take during the same semester as another course or before another course. For example, a student taking GEOL 301 (Physical Geology Laboratory) needs to take GEOL 300 (Physical Geology) at the same time or before taking GEOL 301.

Advisory

An advisory is a condition of enrollment when a student is **advised, but not required** to meet before, or in conjunction with, enrollment in a course or educational program.

How to Verify English, Math, and Statistics Prerequisites to Register for Classes

Prerequisite checking is automatic for English, math, and statistics courses in the Los Rios Community College District; this means that eServices will only permit registration in these courses when a student has demonstrated that they have met the prerequisite using one of the methods below.

- If you have taken and passed the prerequisite course at a Los Rios College (ARC, CRC, FLC, or SCC), you are ready to register.
- If you have placed into a math or English course by receiving a placement at a Los Rios College, you are ready to register.
- If you are currently enrolled in one of the Los Rios prerequisite courses, you are okay to register. However, you must earn a 'C' or better, or you will be dropped from the higher level course before it begins.

Prerequisites are not automatically satisfied when students intend to use coursework completed outside of the Los Rios Community College District. See the section on Clearance Through Coursework Outside Los Rios (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/description-of-courses/prerequisites-corequisites-and-advisories#outside-lrccd) for more information. **Note: Coursework that is in progress outside of Los Rios will not be accepted as proof of meeting a prerequisite.**

How to Verify Prerequisites or Corequisites in Any Course

Verifying Prerequisites

If you are enrolled in a course that has a prerequisite, then you must provide evidence that you have met the prerequisite. Supporting evidence includes:

- A **Los Rios transcript** that verifies that you have earned a "C" or better in the prerequisite course. Current Los Rios students may print an unofficial transcript in eServices (https://ps.losrios.edu/student/signon.html). Instructors also have access to this information on their roster if you took the prerequisite class within Los Rios since 2003 (prior course information cannot be viewed).
- Los Rios English and/or math **placement results**.

If you enroll in a course and do not meet the prerequisite, then the instructor must drop you from the course.

Verifying Corequisites

If you are enrolled in a course that has a corequisite, then you must provide evidence that you meet the corequisite requirement through one of the following:

- Your **personal class schedule** shows you are currently enrolled in the corequisite course.
- A **Los Rios transcript** that shows you have already completed the corequisite course.

How to Challenge Prerequisites or Corequisites

If you do not have the supporting evidence to verify a prerequisite or corequisite (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/description-of-courses/prerequisites-corequisites-and-advisories#verify) but you believe that you should qualify to enroll in the course, then you may challenge a prerequisite or corequisite.

Criteria for challenging a prerequisite or corequisite include:

- You have knowledge or ability to succeed in the course with the prerequisite.
- The prerequisite course is not readily available.
- You believe that the prerequisite is discriminatory or being applied in a discriminatory manner.
- You believe that the prerequisite was established in violation of regulations and/or the established district-approved policy and procedures.

To challenge a prerequisite or corequisite:

1. Submit a Prerequisite Challenge Form (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/description-of-courses/flc/main/doc/support-services/Admissions-Records/Prerequisite-Verification/Prerequisite-Challenge-Form.pdf) – along with any supporting documentation – to the instructional department *at least one week prior to the start of instruction*. Department locations are listed on the form.
2. Your challenge will be reviewed by the department's prerequisite challenge committee.
3. You will be informed in writing of the committee's determination within five working days of the review.

Math and English Prerequisite Clearance

Prerequisites for all 300-level mathematics courses (MATH and STAT) and English courses (ENGL, ENGWR, ENGED, and ENGCW) must be cleared before enrollment.

Automatic Clearance

You will be automatically cleared to enroll in a math or English class if:

- You are currently enrolled in the appropriate prerequisite course at a Los Rios college (you must earn a grade of "C" or better, or you will be automatically dropped from the higher-level course before the new semester begins).
- You have completed and passed the appropriate prerequisite course at a Los Rios college.
- You have been placed into the math or English course you want to add.

Math and English Clearance Through Outside Credit or Testing

If you completed the equivalent prerequisite course with a grade of "C" or better at a college or university that is on the Los Rios Math Prerequisite Clearance List (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/description-of-courses/shared/doc/admissions-records/prerequisite/math-prerequisite-clearance-list.pdf) or English Prerequisite Clearance List (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/description-of-courses/shared/doc/admissions-records/prerequisite/english-prerequisite-clearance-list.pdf) then:

- Submit unofficial or official transcripts or AP test scores (unless already on file with the FLC Admissions & Records Office) along with the Math Prerequisite Clearance Form (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/description-of-courses/flc/shared/doc/admissions-records/prerequisite-verification/math-prerequisite-clearance-form.pdf) or English Prerequisite Clearance Form (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/description-of-courses/flc/shared/doc/admissions-records/prerequisite-verification/English-Prereq-Clearance-form.pdf) to placement@flc.losrios.edu. Please note: in-progress coursework cannot be used (there must be a posted grade on your transcript).
- If verified through a transcript, a milestone will be placed on your record, which will clear enrollment for requested math and English courses. This process may take three to five business days, so plan ahead.

If you did not find your course on the approved equivalency lists above – but you believe you have the knowledge or ability to succeed in an English or math course through other college/university coursework (or other credentials) – then you may challenge the prerequisite via the challenge process (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/description-of-courses/prerequisites-corequisites-and-advisories#challenge).

To Be Arranged Scheduling

Some or all of the class hours for courses may be offered using the "To Be Arranged" (TBA) course scheduling option. Please refer to the class schedule listing for sections of courses for specific TBA weekly or daily class hour requirements that may apply.

Course Prefixes

A

Prefix	Subject Name
ACCT	Accounting
ADMJ	Administration of Justice
AH	Allied Health
ANTH	Anthropology
ART	Art
ARTH	Art History
ASTR	Astronomy

B

Prefix	Subject Name
BIOL	Biology
BUS	Business
BUSTEC	Business Technology

C

Prefix	Subject Name
CHEM	Chemistry
CISA	Computer Information Sciences - Applications
CISC	Computer Information Sciences - Core
CISD	Computer Information Sciences - Data Science
CISN	Computer Information Sciences - Network
CISP	Computer Information Sciences - Programming
CISS	Computer Information Sciences - Security
CISW	Computer Information Sciences - Web
COMM	Communication Studies

D

Prefix	Subject Name
DANCE	Dance Studies
DEAF	Deaf Culture and American Sign Language Studies

E

Prefix	Subject Name
ECE	Early Childhood Education
ECON	Economics
EMT	Emergency Medical Technology
ENGCW	English - Creative Writing
ENGED	English - Education
ENGL	English
ENGLB	English - Laboratory
ENGLT	English - Literature
ENGR	Engineering
ENGRD	English - Reading
ENGWR	English - Writing
ENVT	Environmental Technology
ESL	English as a Second Language
ESLG	English as a Second Language - Grammar
ESLL	English as a Second Language - Listening
ESLP	English as a Second Language - Pronunciation
ESLR	English as a Second Language - Reading
ESLW	English as a Second Language - Writing
ETHNS	Ethnic Studies

F

Prefix	Subject Name
FITNS	Fitness
FREN	French

G

Prefix	Subject Name
GENSCI	General Science
GEOG	Geography
GEOL	Geology
GERON	Gerontology
GLST	Global Studies

H

Prefix	Subject Name
HCD	Human/Career Development
HEED	Health Education
HIST	History
HUM	Humanities

I

Prefix	Subject Name
IMAGE	Imaging
INDIS	Interdisciplinary Studies

J

Prefix	Subject Name
JOUR	Journalism

K

Prefix	Subject Name
KINES	Kinesiology

L

Prefix	Subject Name
LIBR	Library
LTAT	Learning, Tutoring, and Academic Technology

M

Prefix	Subject Name
MAKR	Modern Making
MATH	Mathematics
MATHS	Mathemetics Support
MEDTEC	Medical Technology
MGMT	Management
MITECH	Manufacturing and Industrial Technology
MKT	Marketing
MUFHL	Music - Fundamentals, History, and Literature
MUIVI	Music - Instrumental/Voice Instruction
MUP	Music - Performance
MUSM	Music - Specializations in Music

N

Prefix	Subject Name
NATR	Natural Resources
NURSE	Nursing
NUTRI	Nutrition

P

Prefix	Subject Name
PACT	Personal Activities
PHIL	Philosophy
PHOTO	Photography
PHYS	Physics
POLS	Political Science
PRJMGT	Project Management
PS	Physical Science
PSYC	Psychology

R

Prefix	Subject Name
RADTEC	Radiology Technology
RE	Real Estate

S

Prefix	Subject Name
SILA	Sign Language Studies
SGVT	Student Government
SJS	Social Justice Studies
SOC	Sociology
SPAN	Spanish
SPORT	Sports
STAT	Statistics
SWHS	Social Work/Human Services

T

Prefix	Subject Name
TA	Theatre Arts
TAFILM	Theatre Arts Film
TAP	Theatre Arts Performance
TMACT	Team Activities

V

Prefix	Subject Name
VITI	Viticulture

W

Prefix	Subject Name
WEXP	Work Experience

Cross-Listed Courses

When a course is listed under two (or more) different departments in the catalog, the course is referred to as "cross-listed," "cross-referenced," or "same as." The cross-listed course has identical content under both departments' catalog listing.

If two (or more) courses are cross-listed, then a student can only earn credit for one of those courses. Students who are not sure which cross-listed course they should enroll in are encouraged to consult with a counselor.

When a cross-listed course is repeatable, the course may be taken (under either name) the total number of times stated in the catalog descriptions of the cross-listed course.

Course Number	Cross-Listed Course	Additional Cross-Listed Course	Course Title
BUS 320	ECON 320	N/A	Concepts in Personal Finance
COMM 351	JOUR 310	N/A	Mass Media and Society
ECON 320	BUS 320	N/A	Concepts in Personal Finance
JOUR 310	COMM 351	N/A	Mass Media and Society

Meta-Majors

Not ready to pick a major? Explore meta-majors to help you decide!

Meta-majors are groupings of similar areas of study designed to help you narrow down your interests and decide on a major. Exploring meta-majors will help you pick the right classes and complete your educational goals on time.

Business and Management

Do you want to start your own business? Do you enjoy managing projects and teams of people? Are you interested in managing money? A major in the area of business or management might be right for you!

Check out the following programs:

- Accounting
- Business
- Business Technology
- Economics
- Management
- Marketing
- Project Management
- Real Estate

Liberal Arts and Social Sciences

Do you enjoy expressing yourself through writing, art, or music? Are you interested in human communication and behavior? Do you enjoy studying culture, history, or politics? Explore these liberal arts and social science programs to find a major right for you.

Check out the following programs:

- Anthropology
- Art
- Art History
- Communication Studies
- Dance
- Deaf Culture and American Sign Language Studies
- Economics
- English
- English as a Second Language
- Ethnic Studies
- French
- Geography
- History
- Humanities
- Interdisciplinary Studies
- Music
- Philosophy

- Photography
- Political Science
- Psychology
- Sign Language Studies
- Social Work/Human Services
- Sociology
- Spanish
- Theatre Arts

Public Service, Health, and Education

Are you interested in the human body and helping others maintain good health? Do you want to explore public service and how you can serve the community at large? If so, a major in the fields of public service, health, or education may be a good fit.

Check out the following programs:

- Administration of Justice
- Allied Health
- Biology
- Early Childhood Education
- Emergency Services
- Health Education
- Imaging
- Kinesiology
- Medical Technology
- Nutrition
- Radiology Technology
- Social Work/Human Services

Science, Technology, Engineering, and Mathematics (STEM)

Do you enjoy solving problems or building things? Do you want to work with computers and new technology? Are you interested in the Earth's natural resources? If so, a major in the STEM fields may be right for you!

Check out the following programs:

- Artificial Intelligence
- Astronomy
- Biology
- Chemistry
- Computer Information Science
- Engineering
- Environmental Technology
- General Science
- Geography
- Geology
- Kinesiology
- Manufacturing and Industrial Technology
- Mathematics and Statistics
- Modern Making
- Physical Science
- Physics
- Viticulture

List of Programs

Accounting

Overview

The accounting program at Folsom Lake College provides training for entry-level employment in private industry or in government accounting. Study for self-employment as a provider of computer-based bookkeeping and/or tax services is also available. In addition, those individuals already employed in accounting can work toward career advancement by taking additional courses. Generally, employment in this specialization requires proficiency in business calculations.

Degrees and Certificates Offered

A.A. in Accounting

Accounting Certificate

Accounting Computer Applications Certificate

Division Dean: Carlos Lopez

Department Chair: Jennifer Black

Phone: (916) 608-6849

Email: lopezc@flc.losrios.edu

Associate Degree

A.A. in Accounting

The Accounting degree is designed for students planning to seek accounting positions in business, industry, or government upon completion of two years of college study. The program also meets the needs of employed individuals seeking to learn applications of accounting theory as practiced in the field. The program provides the foundation for individuals to prepare financial statements and record business transactions for all types of business and industry. Students develop a strong knowledge base of U.S. Generally Accepted Accounting Principles (GAAP) and accounting procedures. Communication skills, teamwork, computer technology, and ethical behavior are also emphasized.

For those students interested in transferring to a four-year college or university to pursue a bachelor's degree in this major, it is critical that students meet with an FLC counselor to select and plan the courses to fulfill major requirements. Schools vary widely in terms of the required preparation. The courses that FLC require for an A.A. degree in this major may be different from the requirements needed for a Bachelor's degree.

Degree Requirements

Course Code	Course Title	Units
ACCT 103	Intermediate Accounting - Part I	4
ACCT 104	Intermediate Accounting - Part II	4
ACCT 107	Auditing	3
ACCT 111	Cost Accounting	3
ACCT 301	Financial Accounting	4
ACCT 311	Managerial Accounting	4
ACCT 341	Computerized Accounting (3)	3
or ACCT 342	Accounting Information Systems (SAP) (3)	
BUS 340	Business Law	3
ECON C2002	Principles of Macroeconomics (3)	3
BUSTEC 362	Comprehensive Electronic Spreadsheets	2
Total Units:		**33**

The Accounting Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- record, classify, summarize and report the business transactions of a company.
- prepare financial statements in conformity with accounting principles generally accepted in the United States of America.
- analyze and prepare financial information for management decision-making.
- communicate financial information effectively within a business environment
- provide management support in the budgeting, planning and decision-making processes.
- understand the role of ethics and standards of professional conduct in the accounting profession.

- integrate the principles of business, business law, taxation, and economics into accounting functions.
- apply principles of accounting to business situations and to understand other functions of business: marketing, management, finance and information processing.

Career Information

Career Opportunities: Entry-level employment opportunities include positions in accounts receivable, accounts payable, payroll, and cost accounting. Job titles include Account Clerk and Payroll Clerk. Promotional opportunities include higher-level responsibilities in these areas and the areas of general ledger, financial statement preparation, and financial statement analysis. Job titles include Senior Account Clerk, Accounting Technician, and Office Manager/Bookkeeper.

Certificates of Achievement

Accounting Certificate

The Accounting Certificate is a program which prepares students for entry level positions in accounting. The program is designed for students who would like to gain a core understanding of the principles of accounting. Many who take the certificate program are looking for advancement in their careers or the ability to learn a new skill set. Certificate recipients are competent to record and maintain financial data in journals and ledgers from date of original transaction through a full accounting cycle terminating with closing entries and statement preparation.

Certificate Requirements

Course Code	Course Title	Units
ACCT 103	Intermediate Accounting - Part I	4
ACCT 104	Intermediate Accounting - Part II	4
ACCT 107	Auditing	3
ACCT 111	Cost Accounting	3
ACCT 301	Financial Accounting	4
ACCT 311	Managerial Accounting	4
BUS 340	Business Law	3
Total Units:		**25**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- record, classify, summarize and report the business transactions of a company.
- prepare financial statements in conformity with accounting principles generally accepted in the United States of America.
- analyze and prepare financial information for management decision-making.
- communicate financial information effectively within a business environment.
- provide management support in the budgeting, planning and decision-making processes.

Career Information

Career Opportunities: Entry-level employment opportunities include positions in accounts receivable, accounts payable, payroll, and cost accounting. Job titles include Account Clerk and Payroll Clerk. Promotional opportunities include higher-level responsibilities in these areas and the areas of general ledger, financial statement preparation, and financial statement analysis. Job titles include Senior Account Clerk Accounting Technician, and Office Manager/Bookkeeper.

Accounting Computer Applications Certificate

The Accounting Computer Applications program is designed for those individuals who wish to become proficient in the use of computers for business accounting purposes. The program offers a core curriculum that provides the academic and technical background for individuals who wish to prepare for entry-level accounting positions in business and industry using both accounting and personal computer skills.

Certificate Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting	4
ACCT 311	Managerial Accounting	4
ACCT 341	Computerized Accounting (3)	3
or ACCT 342	Accounting Information Systems (SAP) (3)	
CISC 310	Introduction to Computer Information Science (3)	3
BUSTEC 367	Database and Records Management	3
BUSTEC 362	Comprehensive Electronic Spreadsheets	2
Total Units:		**19**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- record, classify, summarize and report the business transactions of a company.

- prepare financial statements in conformity with accounting principles generally accepted in the United States of America.
- analyze and prepare financial information for management decision-making.
- communicate financial information effectively within a business environment.
- perform basic business computer skills with specific knowledge of commercial accounting software.

Career Information

Career Opportunities: Entry-level employment opportunities include positions in accounts receivable, accounts payable, payroll, and cost accounting. Job titles include Accounting Clerk and Payroll Clerk. Promotional opportunities include higher-level responsibilities in these areas and the areas of general ledger, financial statement preparation, and financial statement analysis. Job titles include Senior Accounting Clerk Accounting Technician, and Office Manager/Bookkeeper.

Accounting (ACCT) Courses

ACCT 103 Intermediate Accounting - Part I

Units: 4

Hours: 72 hours LEC

Prerequisite: ACCT 301 with a grade of "C" or better

This course provides a continuing study of the measurement and reporting of the results of operations and the financial condition of profit-directed business entities. Areas of study include emphasis on cash and receivables, inventory including issues concerning valuation, property, plant and equipment and intangible assets using the Financial Accounting Standards Board (FASB) as authority. This course is not intended for transfer to a four-year college.

Students must purchase (or have in their possession) a financial calculator for this course.

ACCT 104 Intermediate Accounting - Part II

Units: 4

Hours: 72 hours LEC

Prerequisite: ACCT 301 with a grade of "C" or better

Advisory: ACCT 103

This course builds on the concepts introduced in ACCT 301 of the measurement and reporting of the results of operations and the financial condition of profit-directed business entities. Areas of study include emphasis on current and long-term liabilities including contingencies, stockholders' equity including dilutive securities and earnings per share, income taxes, pensions, operating and capital leases, accounting changes and error analysis, and the statement of cash flows. This course is not intended for transfer to a four-year college. Students must purchase (or have in their possession) a financial calculator for this course.

ACCT 107 Auditing

Units: 3

Hours: 54 hours LEC

Prerequisite: ACCT 301 with a grade of "C" or better

Advisory: ACCT 103 and 104

This course is a study of the planning, evidence gathering, internal control review, sampling, and application of procedures used to audit assets, liabilities, equity and related income statement accounts of a company. The course also covers professional ethics, legal liabilities of CPAs, and auditors' reports.

ACCT 111 Cost Accounting

Units: 3

Hours: 54 hours LEC

Prerequisite: ACCT 311 with a grade of "C" or better

This course is a continuation of the study of managerial accounting with an emphasis on cost accounting systems. Special attention is placed on the development of cost information needed by managers in manufacturing, merchandising, and service related businesses.

ACCT 121 Payroll Accounting

Units: 3

Hours: 54 hours LEC

Prerequisite: ACCT 301 with a grade of "C" or better

This course will cover fundamental principles of payroll tax laws as defined by the Federal and State government. The course will include a study of Social Security taxes, Federal and State income tax withholding, Federal and State Unemployment Insurance, and journal entries to record payroll information. Payroll tax payment requirements and preparation of the employer's California and Federal payroll tax returns

will be included. A comprehensive simulation project will be completed as part of the course. The project will include one quarterly payroll reporting cycle.

ACCT 295 Independent Studies in Accounting

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

ACCT 299 Experimental Offering in Accounting

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

ACCT 301 Financial Accounting

Units: 4

Hours: 72 hours LEC

Prerequisite: None.

Transferable: CSU; UC

C-ID: C-ID ACCT 110

This is the study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. The course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and statement analysis. It includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics.

ACCT 311 Managerial Accounting

Units: 4

Hours: 72 hours LEC

Prerequisite: ACCT 301 with a grade of "C" or better

Transferable: CSU; UC

C-ID: C-ID ACCT 120

This is the study of how managers use accounting information in decision-making, planning, directing, and controlling operations. The course focuses on cost terms and concepts, cost behavior, cost structure, and cost-volume-profit analysis. It includes issues relating to cost systems, cost control, profit planning, ethics, segment reporting and performance analysis in manufacturing and service environments. This course is required of all business majors, minors, and accounting certificate candidates. Students must purchase (or have in their possession) a calculator for this course and may require (purchase or receive with text) an online access code from publisher's site.

ACCT 341 Computerized Accounting

Units: 3

Hours: 54 hours LEC

Prerequisite: ACCT 301 with a grade of "C" or better; or two years of high school accounting.

Transferable: CSU

This is a course using the computer to prepare financial statements and other accounting reports used in business. This course emphasizes the areas of study: general ledger, accounts payable, accounts receivable, banking, bank reconciliations, depreciation, fixed assets, inventory, job order and payroll. This course provides practical experience using contemporary computerized accounting software.

ACCT 342 Accounting Information Systems (SAP)

Units: 3

Hours: 54 hours LEC

Prerequisite: ACCT 301 with a grade of "C" or better; or two years of high school accounting.

Transferable: CSU

The course covers common business processes, enterprise resource planning system (ERP) transaction processing, relational databases, and systems controls. This course emphasizes the current technology of information systems. This course uses the SAP system, an enterprise resource planning system (ERP) adopted by the majority of Fortune 1000 companies. With hands-on practice, students will gain valuable and practical skills in Accounting Information Systems (AIS), which are an integral part of every business and organization, as they are impacted virtually by every transaction that occurs within an entity. The data gathered and stored within the accounting information system are essential to the proper control and evaluation of the organization.

ACCT 361 Ethics, Fraud, and Legal Issues for Accountants

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ACCT 107 and 301 with grades of "C" or better

This course explores ethics, fraud, and legal issues that must be addressed by accountants. Topics in ethics include ethical foundations as well as the unique ethical requirements of professional organizations and the California Board of Accountancy. The course also examines the legal liability of accountants. A variety of case studies are evaluated to gain perspective into ethical lapses, fraud, and legal liability.

ACCT 495 Independent Studies in Accounting

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

ACCT 498 Work Experience in Accounting

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

ACCT 499 Experimental Offering in Accounting

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Administration of Justice

Overview

The administration of justice program at Folsom Lake College applies analytical learning to understand the broad dimensions of the administration of justice and its impact on people. It is designed to prepare students for entry into the field of law enforcement/corrections employment, as well as transfer to four-year universities.

Degrees Offered

A.S.-T. in Administration of Justice

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

Division Dean: John Skellenger

Department Chair: Stephanie Karas

Phone: (916) 608-6927

Email: skellej@flc.losrios.edu

Associate Degrees for Transfer

A.S.-T. in Administration of Justice

The Associate in Science in Administration of Justice for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with

their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Administration of Justice at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

This program has the following completion requirements:
(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) Cal-GETC Requirement.
(B) The required number of units in the major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0. Associate Degrees for Transfer also require that students must earn a C or better in all courses required for the major or area of emphasis. A â€œPâ€ (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
ADMJ 300	Introduction to Administration of Justice	3
ADMJ 320	Concepts of Criminal Law	3
A minimum of 6 units from the following:		6
List A: Select two courses from the following: (6 units)		
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 322	Criminal Procedures (3)	
ADMJ 323	Legal Aspects of Evidence (3)	
ADMJ 330	Criminal Investigation (3)	
A minimum of 6 units from the following:		6
List B: Select two courses from the following, or any course not used in List A. (6 units)		
ADMJ 301	Investigative Report Writing (3)	
ADMJ 333	Computer Crime and Digital Evidence (3)	
ECON 310	Statistics for Business and Economics (3)	
or PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
or STAT C1000	Introduction to Statistics (4)	
PSYC C1000	Introduction to Psychology (3)	
SOC 300	Introductory Sociology (3)	
Total Units:		18

The Associate in Science in Administration of Justice for Transfer (AS-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- describe the purpose, authority, and relationship between law enforcement, the judiciary, and corrections in the local, state, and federal levels.
- evaluate various local, state, and federal law enforcement career options and design a viable career path strategy.
- define and apply the ethical and leadership standards placed on administration of justice professionals.
- describe the complex interaction between criminal investigations and criminal justice system procedures.
- analyze cause in fact and proximate cause in relation to criminal activity and describe how they apply to criminal statutes, case law, and constitutional law.
- identify diverse cultural groups and unique crime related problems they face, and describe strategies law enforcement professionals can use to eliminate or reduce those problems.
- apply effective written and oral communication skills.

Career Information

Police Officer; Deputy Sheriff; Crime Scene Investigator; Identification Technician; Community Services Officer; Corrections Officer; Parole Officer; Probation Officer and a variety of support service occupations. Potential employers include: Federal, State and local law enforcement agencies (Sheriff, Police, California Highway Patrol, Federal Bureau of Investigations, Drug Enforcement Administration, Department of Justice, Crime Scene Investigations, and California Department of Corrections and Rehabilitation). Some positions, however, require a four-year degree for which FLCâ€™s program is an excellent foundation for transfer.

Associate Degrees

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies in Social and Behavioral Science degree provides an interdisciplinary approach to academic studies. The purpose of the program is for students to gain an understanding of the interconnectedness of various social and behavioral sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 300	Introduction to Business (3)	
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	
BUS 345	Law and Society (3)	
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
ECON 307	Global Issues in the Political Economy (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 321	African American Policy and Law (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 331	Asian American Policy and Law (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 351	Native American Policy and Law (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
ETHNS 361	Chicana/o/x Latina/o/x Policy and Law (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 314	Recent United States History (3)	
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
KINES 308	Women in Sport (3)	
KINES 416	Psychology of Sport (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS C1000	American Government and Politics (3)	

Course Code	Course Title	Units
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 390	Psychology of Death and Dying (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 300	Introduction to Social Work & Human Services (3)	
SWHS 302	Introduction to Psychology of Human Relations (3)	
Total Units:		**18**

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

Administration of Justice (ADMJ) Courses

ADMJ 300 Introduction to Administration of Justice

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID AJ 110

This course introduces students to the characteristics of the American criminal justice system. Emphasis is placed on examining due process, U.S. constitutional rights, criminal activity, crime causation and criminology, domestic and international criminal threats, law enforcement response to criminal activity, and future trends for law enforcement. Students will explore the components of the American justice system, including law enforcement, courts, and correctional services with an emphasis on ethics and leadership.

ADMJ 301 Investigative Report Writing

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL 301 and C1001

Transferable: CSU

This course provides a study of the techniques of preparing written investigative reports in a clear, comprehensive, concise, ethical, and logical manner. Emphasis is placed on administration of justice terminology, use of English and organization of information, note taking and report writing, and presentation of testimony in court.

ADMJ 302 Community Relations: Multicultural Issues

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID AJ 160

This course examines the complex relationship between communities and the law enforcement, judicial and correctional institutions of the justice system. The course addresses the role that race, ethnicity, gender, sexual orientation, social class, culture and the role criminal justice professionals play in shaping these relationships. The course will explore new strategies, skills, tools, and cultural knowledge necessary

for personnel engaged in all aspects of the criminal justice system. Special topics include how terrorism and the need for homeland security have changed the dynamics of police-community relations.

ADMJ 320 Concepts of Criminal Law

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4

C-ID: C-ID AJ 120

This course examines the philosophy, history and structure of criminal law in the United States. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case studies to introduce students to criminal law and the classification of crimes against persons, property, morals, and public welfare. The course will also include discussion of the U.S. Constitution, prosecution and defense decision making, criminal culpability, and defenses to crimes.

ADMJ 322 Criminal Procedures

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

C-ID: C-ID AJ 122

This course examines criminal procedures and how they are applied in the American criminal justice system. Topics include fundamental concepts of law, exclusionary rule, bail, extradition and rendition. Additional topics will include laws and procedures of arrest, order of trial procedures, motions, writs and appeals, limitations of prosecution, rights of the accused, prosecution and defense strategies, judgment, sentencing and the U.S. Constitution.

ADMJ 323 Legal Aspects of Evidence

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

C-ID: C-ID AJ 124

This course examines the constitutional foundation of the rules of evidence as applied in United States law. Emphasis is placed on the types of evidence and the laws governing admissibility of evidence in criminal proceedings.

ADMJ 330 Criminal Investigation

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

C-ID: C-ID AJ 140

This course introduces students to basic investigative responsibilities and procedures used during criminal investigations. Topics include crime scene management, forensic and physical evidence handling, search and seizure, property crimes, violent crimes, organized criminal enterprises, gangs, and domestic/international terrorist organizations.

ADMJ 333 Computer Crime and Digital Evidence

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: CISC 310; Students should have basic computer user skills prior to enrolling in this course.

Transferable: CSU

This course will introduce the student to the basic principles of computer crime investigation, including the role of computer devices in various types of criminal activities, computer related criminal law, methods of collecting digital evidence and how digital evidence can assist in solving crimes. The student will learn how to properly perform and document digital evidence collection. The student will learn about court presentation and emerging case law related to computer crimes.

ADMJ 494 Topics in Administration of Justice

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

Designed to deal with current problems or specific topics concerning the administration of justice. The particular subject to be covered each semester will be determined by the Administration of Justice staff. May be taken two times for credit.

ADMJ 495 Independent Studies in Administration of Justice

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

ADMJ 498 Work Experience in Administration of Justice

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

ADMJ 499 Experimental Offering in Administration of Justice

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Allied Health

Overview

The Allied Health curriculum is designed to prepare students for a variety of allied health careers and training programs.

Degrees Offered

A.S. in Pre-Health Occupations

Division Dean: John Skellenger

Department Chair: Jason Pedro

Phone: (916) 608-6927

Email: skellej@flc.losrios.edu

Associate Degree

A.S. in Pre-Health Occupations

The Pre-Health Occupation major prepares students to enter a variety of allied health training programs. It contains coursework required for many allied health majors including Nursing, Medical Laboratory Technology, and others. Since each training program requires a unique set of prerequisite coursework, it is imperative that students work closely with Counseling Services to ensure the appropriate courses are chosen for the training program they wish to enter.

Degree Requirements

Course Code	Course Title	Units
A minimum of 15 units from the following:		15[1]
BIOL 400	Principles of Biology (5)	
BIOL 430	Anatomy and Physiology (5)	
BIOL 431	Anatomy and Physiology (5)	
BIOL 440	General Microbiology (4)	

Course Code	Course Title	Units
or BIOL 442	General Microbiology and Public Health (5)	
CHEM 305	Introduction to Chemistry (5)	
CHEM 400	General Chemistry I (5)	
CHEM 401	General Chemistry II (5)	
A minimum of 9 units from the following:		9[2]
AH 311	Medical Language for Health-Care Providers (3)	
ANTH 310	Cultural Anthropology (3)	
or SOC 300	Introductory Sociology (3)	
or SOC 321	Race, Ethnicity and Inequality in the United States (3)	
COMM C1000	Introduction to Public Speaking (3)	
or COMM C1004	Interpersonal Communication (3)	
or COMM 331	Group Discussion (3)	
or COMM 361	The Communication Experience (3)	
or COMM 311	Argumentation and Debate (3)	
NUTRI 300	Nutrition (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
STAT C1000	Introduction to Statistics (4)	
or PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
Total Units:		**24**

[1]BIOL 400, CHEM 400 and CHEM 401 required for Folsom Lake College's Medical Laboratory Program.

[2]AH 110, COMM 301 or 311 or 321 or 331 and STAT 300 or PSYC 330 required for Folsom Lake College's Medical Laboratory Program.

The Pre-Health Occupations Associate in Science (A.S.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply chemical principles to solve quantitative problems.
- demonstrate skills in laboratory procedures and apply critical thinking skills in laboratory experiments.
- describe the overall organization of the human body.
- describe the roles that culture and diversity play in various aspects of human behavior.
- demonstrate a workable knowledge of medical terminology.
- explain the principles of nutrition and their effect on health.

Career Information

This program prepares students to enter a variety of allied health training programs.

Allied Health (AH) Courses

AH 108 Introduction to Health Occupations

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

This course provides an introduction to the healthcare field and to the core foundational skills needed by all healthcare workers. Topics include types of healthcare delivery systems and careers, history and trends of healthcare, law and ethics pertaining to healthcare, personal qualities of healthcare workers, confidentiality and reportable incidents, and infection control and safety policies for healthcare settings. Students will research healthcare careers and relate them to their own interests, values, and abilities. This course is open to all students wishing to explore the healthcare industry. A field trip to a local healthcare facility may be required.

AH 120 Human Disease

Units: 3

Hours: 54 hours LEC

Prerequisite: AH 311 with a grade of "C" or better

Advisory: BIOL 100 with a grade of "C" or better

This course is a study of pathological processes imparting basic knowledge to paramedical personnel. The student will study the basic concepts, terminology, etiology and characteristics of pathological processes. Diseases are classified according to both causative agent and the body system to which they relate.

AH 124 Pharmacology for the Health Care Professional

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

This course introduces pharmacology, the knowledge of basic pharmacological terminology and concepts, administration, common generic and trade name medications, with an emphasis on the clinical application of pharmacology of the treatment of disease.

AH 311 Medical Language for Health-Care Providers

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This course provides an orientation to medical language including basic structure of medical term prefixes, suffixes, and roots, and combining forms with emphasis on analysis, spelling, and pronunciation. The course builds a medical vocabulary applicable to the specialties of medicine, the systems of the body, names of major diseases, and terms used in physical examination, diagnosis, and treatment. The purchase of a standard medical dictionary is required. This course was formerly known as AH 110.

AH 498 Work Experience in Allied Health

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

Anthropology

Overview

The Folsom Lake College anthropology program offers basic lower division courses in anthropology. Anthropology serves as an excellent background to many other behavioral sciences. It also assists students in understanding people and the world around them.

Degrees and Certificates Offered

A.A.-T. in Anthropology

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

Heritage Interpretation Certificate

Division Dean: Dr. Rose Giordano

Department Chair: Erica Tyler

Phone: (916) 361-6330

Email: giordar@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in Anthropology

Anthropology is the holistic study of the human species. Anthropologists study culture, linguistics, archaeology, and human evolution throughout history. The field of Anthropology is comprised of four main subfields: Cultural Anthropology, Biological Anthropology, Archaeology, and Linguistics. With a focus on biological and cultural adaptations around the world, a degree in Anthropology provides the student with skills in critical analysis, basic application of the scientific method, and cross-cultural understanding. The Associate of Arts in

Anthropology for Transfer Degree (AA-T) is designed for students to receive priority admission with junior status to the California State University system.
Students planning to transfer to a CSU with a major in Anthropology should consult the lower division requirements specific to the university they plan to attend. The Associate Degree for Transfer (ADT) student completion requirements are (SB 1440):

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) Cal-GETC the California General Education Transfer Curriculum (Cal-GETC) Requirement.
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs require that students must earn a "C" or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
ANTH 300	Biological Anthropology	3
ANTH 310	Cultural Anthropology	3
ANTH 323	Introduction to Archaeology	3
A minimum of 3 units from the following:		3
List A: Select one course from the following (3 units)		
ANTH 301	Biological Anthropology Laboratory (1)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
ECON 310	Statistics for Business and Economics (3)	
or PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
or STAT C1000	Introduction to Statistics (4)	
A minimum of 3 units from the following:		3
List B: Select one to two courses from the following, or any course not used in List A (3 units)		
GEOL 300	Physical Geology (3)	
and GEOL 301	Physical Geology Laboratory (1)	
GEOL 302	Physical Geology with Lab (4)	
A minimum of 3 units from the following:		3
List C: Select one course from the following or any course not already used from List A or B. (3 units)		
ANTH 303	Introduction to Forensic Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 392	Principles of Heritage Interpretation (3)	
COMM 325	Intercultural Communication (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
DANCE 380	World Dance History (3)	
PSYC 368	Cross Cultural Psychology (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
Total Units:		**18**

The Associate in Arts in Anthropology for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- assess cultural, physical, and linguistic diversity expressed by the human species.
- demonstrate an understanding of the scientific method, as well as the relationship between the process of scientific research and established knowledge.
- utilize appropriate theories and fieldwork techniques for anthropological research.
- analyze anthropological data and recognize ethical issues when employing anthropological concepts and methods.

Career Information

Anthropologists with baccalaureate or graduate degrees might obtain employment as a museum manager, linguist, primatologist or zoo curator, archaeological excavator or project director for private, county, state or federal bureaus, cultural consultant for government, business, and educational institutions, forensic specialist in police departments and crime lab, educator, consultant or analyst for local, national or global non-profit organizations.

Associate Degrees

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies in Social and Behavioral Science degree provides an interdisciplinary approach to academic studies. The purpose of the program is for students to gain an understanding of the interconnectedness of various social and behavioral sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 300	Introduction to Business (3)	
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	
BUS 345	Law and Society (3)	
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
ECON 307	Global Issues in the Political Economy (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 321	African American Policy and Law (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 331	Asian American Policy and Law (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 351	Native American Policy and Law (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
ETHNS 361	Chicana/o/x Latina/o/x Policy and Law (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 314	Recent United States History (3)	

Course Code	Course Title	Units
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
KINES 308	Women in Sport (3)	
KINES 416	Psychology of Sport (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 390	Psychology of Death and Dying (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 300	Introduction to Social Work & Human Services (3)	
SWHS 302	Introduction to Psychology of Human Relations (3)	
Total Units:		**18**

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

Certificate of Achievement

Heritage Interpretation Certificate

Heritage Interpretation involves conveying meaningful information about historical, cultural, and natural events or sites to a broad audience. One may have encountered interpretive prose in historical site markers, displays at parks or museums, and written park visitor guides. Park rangers, docents, and tour guides use oral and written interpretation skills. More recently, interpretive skills have been expanding into social media. Students completing this proposed certificate of recognition will be prepared to take an exam to be a Certified Interpretive Guide (C.I.G) from the National Association for Interpretation. Courses in this certificate may also be applied towards associate degree and/or transfer requirements.

Certificate Requirements

Course Code	Course Title	Units
ANTH 300	Biological Anthropology (3)	3
or ANTH 310	Cultural Anthropology (3)	
or ANTH 323	Introduction to Archaeology (3)	
BIOL C1000	Introduction to Biology with Lab (4)	3 - 4
or BIOL 323	Plants and People (4)	
or BIOL 350	Environmental Biology (3)	
HIST 319	American Environmental History (3)	3
or HIST 344	Survey of California History: A Multicultural Perspective (3)	
ANTH 392	Principles of Heritage Interpretation (3)	3
A minimum of 2 units from the following:		2
ANTH 498	Work Experience in Anthropology (0.5 - 4)	
BIOL 380	Natural History Field Studies: Coastal Ecosystems (1)	
BIOL 382	Natural History Field Studies: Desert Ecosystems (1)	
BIOL 384	Natural History Field Study of Forest Ecosystems (1)	
BIOL 386	Natural History Field Studies: Marine Ecosystems (1)	
BIOL 388	Natural History Field Studies: River Ecosystems (1)	
BIOL 389	Natural History Field Studies: Wetland Ecosystems (1)	
HIST 498	Work Experience in History (0.5 - 4)	
WEXP 498	Work Experience in (Subject) (0.5 - 4)	
Total Units:		**14 - 15**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- pass the Certified Interpretive Guide exam offered by the National Association for Interpretation.
- interpret information about a historical, cultural, or natural event or site to a diverse audience.
- justify the importance of preserving historical, cultural, and natural resources.

Career Information

Students completing this certificate along with additional coursework may be prepared to seek jobs as an interpretive guide or Interpretive Specialist at parks, museums, historical sites, and cultural centers; K-12 educator; river guide; or in the hospitality industry. This certificate may also fulfill some of the transfer requirements for a bachelor's degree in Public History, Cultural Resources Management, or Natural Resources Management.

Anthropology (ANTH) Courses

ANTH 300 Biological Anthropology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B

C-ID: C-ID ANTH 110

This course was formerly known as ANTH 300 Biological Anthropology.

This course is designed to introduce students to the study of biological anthropology, one of the sub-disciplines of anthropology. This course will demonstrate how the scientific method serves as the foundation to the study of human biological evolution. Issues and topics will include, but are not limited to, genetics, evolutionary theory, human variation and biocultural adaptations, comparative primate anatomy and behavior, and the fossil evidence for human evolution. Introduction to biological anthropology considers human biological evolution within a biocultural context; the origins and evolution of culture, along with environmental causes and responses to human evolution, will be considered within a scientific framework.

ANTH 301 Biological Anthropology Laboratory

Units: 1

Hours: 54 hours LAB

Prerequisite: None.

Corequisite: ANTH 300 (may be taken previously)

Transferable: CSU; UC

General Education: Cal-GETC Area 5C

C-ID: C-ID ANTH 115L

This course was formerly known as ANTH 301 Biological Anthropology Laboratory.

This is an introductory laboratory course dealing with human evolution, human and non-human primate variation, genetics, and skeletal biology. This course provides hands-on experience with skeletal remains, anthropometric equipment, genetic testing, and other materials and techniques necessary to an holistic understanding of biological anthropology. Field trips may be required.

ANTH 303 Introduction to Forensic Anthropology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B

This course provides an overview of the field of forensic anthropology, which is the study of human remains in a medicolegal context. This course emphasizes current techniques used in the analysis of human skeletal remains, medicolegal procedures, and the role of the anthropologist in the investigative process. It examines the basics of bone biology, methods of skeletal analysis, and recognition of bone pathology and trauma. This course will address the broader aspects of applied anthropology and the role of anthropology in law enforcement and human rights issues.

ANTH 310 Cultural Anthropology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID ANTH 120

This course is an introduction to the varieties of customs and forms of social organizations found in our species. A multicultural, comparative approach is used to study the structure and function of various economic, political, social and religious systems found in Western and non-Western societies.

ANTH 319 Visual Anthropology: Introduction to Ethnographic Film

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

This course provides an introduction to the use of film by anthropologists as a research and educational tool. A series of films depicting different cultures from around the world are viewed and evaluated. Analysis will focus on examining various attributes of ethnographic film and its treatment by anthropological filmmakers.

ANTH 323 Introduction to Archaeology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID ANTH 150

This course is an introduction to the concepts, methods and theoretical perspectives employed in the scientific study of archaeology. Emphasis will be placed on how data is retrieved from the archaeological record, and how it can be used to address questions about the development and evolution of human social systems. Topics will include archaeological theory, survey and excavation methods, laboratory analysis, reconstructing past environments, and drawing conclusions about the past from archaeological data. This course will draw upon examples from the New World as well as archaeological examples worldwide. This course may require field trips outside of class time.

ANTH 330 Magic, Witchcraft, and Religion

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Local GE L4; Cal-GETC Area 4

This is a cross-cultural study of the forms and functions of supernatural beliefs and associated rituals in various societies around the world. The emphasis of the course is on understanding beliefs and rituals within their social contexts and through broad comparisons to derive insight into the general functions of beliefs and rituals in human life.

ANTH 341 Introduction to Linguistics

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Local GE L4; Cal-GETC Area 4

C-ID: C-ID ANTH 130

This course will involve the exploration of language including the formal structures of language and cultural dimensions of communication through an anthropological perspective. Three core areas that will be addressed include: structural linguistics (phonetics, phonology, morphology, syntax, semantics); historical linguistics (language origin, evolution and change); and sociolinguistics. Linguistic concepts that will be addressed include theoretical assumptions and methodologies pertaining to the biological basis of language, the analytical techniques of linguistics, the role of language in establishing world view, critical thinking and social interaction, how language is used to create and reinforce relationships of power (race, class, gender), diverse languages and dialects, bilingualism, literacy, the social motivation of language change, and the impact of language loss.

ANTH 392 Principles of Heritage Interpretation

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This interdisciplinary course covers the basics of interpreting historical, cultural, and natural resources to the general public. Interpretation is a communication process that forges emotional and intellectual connections between the interests of the audience and the inherent meaning of the resource. Topics include developing an interpretive program using a thematic approach and learning program delivery

techniques. Completion of this course will qualify students to apply for professional certification through the National Association for Interpretation as a Certified Interpretive Guide (CIG). This course is recommended for students interested in history, biology, anthropology, recreation, education, and communication. Not open to students who have received credit for Biology 392 or History 392. This course requires field trips.

ANTH 495 Independent Studies in Anthropology

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

ANTH 498 Work Experience in Anthropology

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

ANTH 499 Experimental Offering in Anthropology

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Art

Overview

The Folsom Lake College art curriculum offers introductory and intermediate level courses in painting, drawing, sculpture, ceramics, printmaking, and metal arts, including introductory level courses in art education and design. Through the program's studio art classes, students develop an awareness and understanding of the materials, tools, rationale, and significance of art in society. The art curriculum's critical thinking and technical skills components encourage students to utilize independent thought processes and problem solving. The program prepares students to achieve their educational goals, which may include: transfer to a four-year college or university, pursuit of a career in the arts, and/or development of skills for satisfying personal and lifelong creative practice.

Degrees and Certificates Offered

A.A.-T. in Studio Art

A.A. in Interdisciplinary Studies: Arts and Humanities

A.A. in Studio Art

Art Education for Children Certificate

Clay Arts Certificate

Metal Design Certificate

Division Dean: Francis Fletcher

Department Chair: Marisa Sayago

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in Studio Art

The Associate in Arts in Studio Arts for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Studio Arts at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) The California General Education Transfer Curriculum (CAL-GETC).
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
ART 300	Drawing and Composition I	3
ART 320	Design: Fundamentals	3
ART 370	Three Dimensional Design	3
ARTH 309	Art Survey: Renaissance to 19th Century	3
ARTH 311	Art Survey: Modern Art	3
A minimum of 3 units from the following:		3
ARTH C1100	Survey of Art from Prehistory to the Medieval Era (3)	
or ARTH 332	Asian Art (3)	
A minimum of 9 units from the following:		9
Course Code	**Course Title**	**Units**
Select three courses, each from a different category listed below.		
Drawing		
ART 302	Drawing and Composition II (3)	
ART 304	Figure Drawing I (3)	
Color Theory		
ART 323	Design: Color Theory (3)	
Painting		
ART 327	Painting I (3)	
Printmaking		
ART 361	Printmaking: Survey (3)	
Sculpture		
ART 372	Sculpture (3)	
Ceramics		
ART 390	Ceramics (3)	
Applied Design		
ART 383	Metal Design: Emphasis In Fabrication (3)	
Other Media		
ART 332	Oil Painting (3)	
ART 334	Acrylic Painting (3)	
ART 336	Watercolor Painting (3)	
ART 402	Beginning Clay Sculpture (3)	
Second Semester		
ART 328	Painting II (3)	
ART 373	Intermediate Sculpture (3)	
ART 386	Intermediate Metal Design: Emphasis in Fabrication (3)	
Total Units:		27

The Associate in Arts in Studio Art for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- differentiate major historical movements and developments in the visual arts.
- compose or design works of art that utilize a combination of technique, materials, visual ideas, and experiences.

- construct and document an initial portfolio of artworks for professional presentation.
- critique artworks using correct terminology related to concepts, materials, and techniques.
- evaluate form, image, and artistic creation of visual artworks from different traditions, cultures, and civilizations.

Career Information

Individuals with four-year degrees in art may be placed in the K-12 educational field as well as in museums and galleries as registrars, preparators, and curatorial staff. Individuals may also work as fine artists, graphic artists or designers, illustrators, computer artists, and other commercial work such as freelance photographers. Advanced degrees in art may lead to careers as educators at the college or university level, art directors, art editors, curators, conservators, and restorers for museums and galleries.

Associate Degrees

A.A. in Interdisciplinary Studies: Arts and Humanities

The Interdisciplinary Studies degree is designed for students who seek a greater understanding of disciplines within the arts and humanities. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Arts and Humanities. These courses emphasize the study of cultural, literary, and humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities). Students will learn to value aesthetic understanding and incorporate these concepts when constructing value judgments (Possible majors at a four-year institution include, but are not limited to: Art, English, Foreign Language, Humanities, Linguistics, Music, Philosophy, and Theatre Arts).

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
ART 300	Drawing and Composition I (3)	
ART 302	Drawing and Composition II (3)	
ART 304	Figure Drawing I (3)	
ART 308	Perspective Drawing (3)	
ART 310	Pen and Ink Drawing (3)	
ART 312	Portrait Drawing (3)	
ART 320	Design: Fundamentals (3)	
ART 323	Design: Color Theory (3)	
ART 327	Painting I (3)	
ART 332	Oil Painting (3)	
ART 334	Acrylic Painting (3)	
ART 336	Watercolor Painting (3)	
ART 337	Intermediate Watercolor Painting (3)	
ART 361	Printmaking: Survey (3)	
ART 370	Three Dimensional Design (3)	
ART 372	Sculpture (3)	
ART 373	Intermediate Sculpture (3)	
ART 383	Metal Design: Emphasis In Fabrication (3)	
ART 386	Intermediate Metal Design: Emphasis in Fabrication (3)	
ART 387	Intermediate Metal Design: Emphasis in Forming (3)	
ART 390	Ceramics (3)	
ART 402	Beginning Clay Sculpture (3)	
ART 404	Intermediate Clay Sculpture (3)	
ART 430	Art and Children (3)	
ARTH 300	Art Appreciation (3)	
ARTH 304	Ancient Art (3)	
ARTH 306	Medieval Art (3)	
ARTH 307	Italian Renaissance Art (3)	
ARTH 309	Art Survey: Renaissance to 19th Century (3)	
ARTH 311	Art Survey: Modern Art (3)	
ARTH 312	Women in Art (3)	
ARTH 318	History of American Art (3)	
ARTH 324	Art of the Americas (3)	
ARTH 325	Native American Art History (3)	

Course Code	Course Title	Units
ARTH 328	Survey of African Art (3)	
ARTH 330	Survey of African-American Art (3)	
ARTH 332	Asian Art (3)	
ARTH 333	Introduction to Islamic Art (3)	
ARTH C1100	Survey of Art from Prehistory to the Medieval Era (3)	
COMM 305	Oral Interpretation (3)	
DANCE 380	World Dance History (3)	
ECE 361	Introducing Young Children to Visual Arts (3)	
ECE 363	Music and Movement with Young Children (3)	
ENGCW 400	Creative Writing (3)	
ENGCW 410	Fiction Writing Workshop (3)	
ENGCW 420	Poetry Writing Workshop (3)	
ENGCW 430	Creative Non-Fiction Writing Workshop (3)	
ENGLT 303	Introduction to the Short Story (3)	
ENGLT 305	Introduction to the Novel (3)	
ENGLT 310	English Literature I (3)	
ENGLT 311	English Literature II (3)	
ENGLT 319	Introduction to English Epic Poetry (3)	
ENGLT 320	American Literature I (3)	
ENGLT 321	American Literature II (3)	
ENGLT 330	African American Literature (3)	
ENGLT 339	Postmodern American Fiction (3)	
ENGLT 340	World Literature I (3)	
ENGLT 341	World Literature II (3)	
ENGLT 345	Mythologies of the World (3)	
ENGLT 359	Prison Writings: The Rhetoric of Resistance (3)	
ENGLT 360	Women in Literature (3)	
ENGLT 370	Children and Literature (3)	
ENGLT 402	Introduction to Shakespeare and Film (3)	
ENGL 301	College Composition and Literature (3)	
ENGL 481	Honors College Composition and Literature (3)	
FREN 401	Elementary French (4)	
FREN 402	Elementary French (4)	
FREN 411	Intermediate French (4)	
FREN 412	Intermediate French (4)	

Course Code	Course Title	Units
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
HUM 300	Classical Humanities (3)	
HUM 301	Introduction to the Humanities (3)	
HUM 310	Modern Humanities (3)	
HUM 320	Asian Humanities (3)	
HUM 325	Arts and Humanities of the Islamic World (3)	
HUM 332	American Humanities (3)	
HUM 370	Women and the Creative Imagination (3)	
KINES 309	Sports and Film (3)	
MUFHL 300	Introduction to Music (3)	
MUFHL 308	Introduction to Music: Rock & Roll (3)	
MUFHL 310	Survey of Music History and Literature (Greek Antiquity to 1750) (3)	
MUFHL 311	Survey of Music History and Literature (1750 to the present) (3)	
MUFHL 315	Jazz History (3)	
MUFHL 321	Basic Musicianship (3)	
MUFHL 330	World Music (3)	
MUFHL 400	Music Theory and Musicianship I (4)	
MUFHL 401	Music Theory and Musicianship II (4)	
MUFHL 410	Music Theory and Musicianship III (4)	
MUFHL 411	Music Theory and Musicianship IV (4)	
MUIVI 310	Voice Class I (2)	
MUIVI 345	Beginning Piano I (1 - 2)	
MUIVI 370	Beginning Guitar (2)	
MUP 350	Concert Choir I (2)	
MUP 357	College Chorus (2)	
PHIL 300	Introduction to Philosophy (3)	
PHIL 310	Introduction to Ethics (3)	
PHIL 330	History of Classical Philosophy (3)	
PHIL 331	History of Modern Philosophy (3)	

Course Code	Course Title	Units
PHIL 350	Philosophy of Religion (3)	
PHIL 352	Introduction to World Religions (3)	
PHOTO 302	Beginning Digital Photography (3)	
PHOTO 420	History of Photography (3)	
SILA 305	American Sign Language 1 (4)	
SILA 306	American Sign Language 2 (4)	
SILA 315	American Sign Language 3 (4)	
SILA 316	American Sign Language 4 (4)	
SPAN 401	Elementary Spanish I (4)	
SPAN 402	Elementary Spanish II (4)	
SPAN 411	Intermediate Spanish (4)	
SPAN 412	Intermediate Spanish (4)	
TA 300	Introduction to the Theatre (3)	
TA 302	History and Theory of the Theatre I (3)	
TA 303	History and Theory of the Theatre II (3)	
TA 304	Women in Theatre (3)	
TA 308	Diversity in American Theatre (3)	
TA 340	Beginning Acting (3)	
TA 350	Theory and Techniques of Acting I (3)	
TA 351	Theory and Techniques of Acting II (3)	
TA 422	Stage Lighting (3)	
TAFILM 300	Introduction to Film (3)	
TAFILM 303	History of Film: 1880's through 1950's (3)	
TAFILM 304	History of Film: 1950's to Present (3)	
TAFILM 307	Diversity in American Film (3)	
TAFILM 320	Cinema Genres (3)	
TAFILM 330	Film Making (3)	
TAFILM 360	Screenwriting (3)	
TAFILM 480	Honors Introduction to Film (3)	
TAP 300	Modern Rehearsal and Performance I (1 - 3)	
TAP 310	Modern Technical Production I (1 - 3)	
TAP 320	Classical Rehearsal and Performance I (1 - 3)	
TAP 330	Classical Technical Production I (1 - 3)	
TAP 340	Musical Rehearsal and Performance I (1 - 3)	
TAP 350	Musical Technical Production I (1 - 3)	
TAP 360	Children's Theatre Rehearsal and Performance I (1 - 3)	
TAP 370	Children's Theatre Technical Production I (1 - 3)	
TAP 380	Repertory/Touring Rehearsal and Performance I (1 - 3)	
TAP 390	Repertory and Touring Technical Production I (1 - 3)	

Course Code	Course Title	Units
Total Units:		18

The Interdisciplinary Studies: Arts and Humanities Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities).

A.A. in Studio Art

The A.A. degree in Art is designed for students to develop their skills in visual arts, to further studies, as well as for self-enrichment. Students who transfer to earn their Bachelor of Arts (BA) or Bachelor of Fine Arts (BFA) can continue their studies by pursuing MA and MFA degrees. The Studio Art program includes two and three dimensional, fine and applied arts, as well as study in art history. Upon completion of their higher degrees, students can work as independent artists, educators, restorers, designers, etc.

Degree Requirements

Course Code	Course Title	Units
ART 300	Drawing and Composition I	3
ART 304	Figure Drawing I	3
ART 320	Design: Fundamentals	3
ART 323	Design: Color Theory	3
ART 370	Three Dimensional Design	3
A minimum of 6 units from the following:		6
ARTH C1100	Survey of Art from Prehistory to the Medieval Era (3)	
ARTH 309	Art Survey: Renaissance to 19th Century (3)	
ARTH 311	Art Survey: Modern Art (3)	
ARTH 332	Asian Art (3)	
Subtotal Units:		**21**

Drawing

Course Code	Course Title	Units
A minimum of 9 units from the following:		9
ART 302	Drawing and Composition II (3)	
ART 305	Figure Drawing II (3)	
ART 308	Perspective Drawing (3)	
ART 310	Pen and Ink Drawing (3)	
ART 312	Portrait Drawing (3)	
ART 361	Printmaking: Survey (3)	
ART 364	Printmaking: Relief (3)	
Drawing Units:		9
Total Units:		**30**

Painting

Course Code	Course Title	Units
A minimum of 9 units from the following:		9
ART 327	Painting I (3)	
ART 328	Painting II (3)	
ART 332	Oil Painting (3)	
ART 334	Acrylic Painting (3)	
ART 336	Watercolor Painting (3)	
ART 337	Intermediate Watercolor Painting (3)	
Painting Units:		9
Total Units:		**30**

Sculpture

Course Code	Course Title	Units
A minimum of 9 units from the following:		9
ART 372	Sculpture (3)	
ART 373	Intermediate Sculpture (3)	
ART 382	Metal Design: Emphasis in Mixed Media (3)	
ART 383	Metal Design: Emphasis In Fabrication (3)	
ART 386	Intermediate Metal Design: Emphasis in Fabrication (3)	
ART 387	Intermediate Metal Design: Emphasis in Forming (3)	
ART 390	Ceramics (3)	
ART 391	Intermediate Ceramics (3)	
ART 402	Beginning Clay Sculpture (3)	
ART 404	Intermediate Clay Sculpture (3)	
Sculpture Units:		9
Total Units:		**30**

The Studio Art Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- differentiate major historical movements and developments in the visual arts.
- compose or design works of art that utilize a combination of techniques, materials, visual ideas, and experiences.
- critique artworks using correct terminology related to concepts, materials, and techniques.
- evaluate form, image, and artistic creation of visual artworks from different traditions, cultures, and civilizations.

Certificates of Achievement

Art Education for Children Certificate

This certificate of achievement is intended to offer students a new certificate opportunity that will provide those interested in gaining basic and intermediate skills in teaching visual arts to children pre-K through grade 12.

Certificate Requirements

Course Code	Course Title	Units
ART 300	Drawing and Composition I	3
ART 430	Art and Children	3
ARTH 300	Art Appreciation	3
A minimum of 9 units from the following:		9
ART 302	Drawing and Composition II (3)	
ART 320	Design: Fundamentals (3)	
ART 323	Design: Color Theory (3)	
ART 370	Three Dimensional Design (3)	
ART 372	Sculpture (3)	
ART 390	Ceramics (3)	
ART 402	Beginning Clay Sculpture (3)	
Total Units:		**18**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- assemble sequential plans for developmentally appropriate art education in regards to age and art preparedness, as it relates to experience and technically appropriate visuals and artistic materials for individuals within groups of children in T-K through 12th grade education.
- demonstrate multimedia integration of the Visual Arts with performance arts and across the academic curriculum for learning enhancement of technical proficiency in various art mediums and techniques, spatial awareness, visual intelligence, and further understanding of other academic disciplines.
- describe and illustrate culturally diverse artworks by a variety of artists both contemporary and historical, with the a range of aesthetic expression communicated in an inclusive, anti-bias, equity-based environment.
- facilitate personal expression and the development of individual creativity through the use of multimedia materials used in both 2-Dimensional and 3-Dimensional art and design with knowledge and sensitivity acquired through the familiarity of other artists' works.

Career Information

Public or Private art education including Transitional-K, Pre-K and K-12 Levels of instruction, Instructional Assistants, Classroom Aids, Private Tutors. Additionally, this program will benefit after school program teachers, curriculum designers, in-home daycare providers, art therapy aids, and special education teachers and aids.

Clay Arts Certificate

This certificate provides theoretical foundation and practical experience for students interested gaining knowledge in ceramics and clay sculpture. Topics include the basic and intermediate skills needed for a strong foundation in the area of clay arts.

Certificate Requirements

Course Code	Course Title	Units
ART 390	Ceramics	3
ART 391	Intermediate Ceramics	3
ART 402	Beginning Clay Sculpture	3
ART 404	Intermediate Clay Sculpture	3
A minimum of 3 units from the following:		3
ART 370	Three Dimensional Design (3)	
ART 372	Sculpture (3)	
Total Units:		**15**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- analyze compositional principles as they apply to three-dimensional form and space.
- create ceramic and clay sculpture utilizing basic traditional and contemporary techniques.
- demonstrate the proper and safe use of kilns and other clay related equipment.

Career Information

Working at clay/ceramic studios, clay artist, ceramists, potter, sculptor, public art project artist.

Certificate

Metal Design Certificate

This certificate provides theoretical foundation and practical experience for students interested in gaining knowledge in metal arts. Topics include the basic and intermediate skills needed for a strong foundation in the area of metal arts.

Certificate Requirements

Course Code	Course Title	Units
ART 382	Metal Design: Emphasis in Mixed Media	3
ART 383	Metal Design: Emphasis In Fabrication (3)	3
ART 386	Intermediate Metal Design: Emphasis in Fabrication (3)	3
ART 387	Intermediate Metal Design: Emphasis in Forming	3
A minimum of 3 units from the following:		3
ART 370	Three Dimensional Design (3)	
or ART 372	Sculpture (3)	
Total Units:		**15**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- analyze the elements of art and principles of design as they apply to three dimensional form and space.

- create metal art sculpture utilizing basic traditional and contemporary techniques.
- demonstrate proper use of torches, kilns, and other metal arts tools and equipment.
- create metal arts objects that reflect a basic understanding of technical process and reflect personal expression.

Career Information

Students who complete the certificate will be able to enter an industry that has strong demand for employees having required technical skills and training. Students may work at a jewelry/metal arts studio, become a jewelry/metal artist, metal sculptor, or public art project artist.

Art (ART) Courses

ART 300 Drawing and Composition I

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Drawing Fundamentals

Prerequisite: None.

Advisory: ENGL 110

Transferable: CSU; UC

General Education: Local GE L3

C-ID: C-ID ARTS 110

This course covers the fundamentals of drawing using line, shape, value, space, and composition. The development of observational skills to accurately render three-dimensional form and space on a two-dimensional surface is emphasized. It introduces and uses various media and techniques for drawing. This is a foundation requirement for all art students. Students are required to purchase supplies needed for the course. For hybrid course offerings, students must have a digital (e.g. phone) camera to record and upload assignments.

ART 302 Drawing and Composition II

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Drawing Fundamentals

Prerequisite: ART 300 with a grade of "C" or better

Advisory: ENGL C1000

Transferable: CSU; UC

C-ID: C-ID ARTS 205

This course expands on the drawing skills presented in ART 300 and covers more complex problems in observation, personal expression, and the formal exploration of composition. Students investigate subject, form, and content through the elements of art, principles of design, as well as diverse materials and techniques and historical and contemporary approaches to drawing. The students are required to purchase materials needed for the course. For hybrid course offerings, students must have a digital (e.g., phone) camera to record and upload assignments.

ART 304 Figure Drawing I

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Figure Studies

Prerequisite: ART 300 with a grade of "C" or better

Enrollment Limitation: Students must be 18 years of age to enroll in this course.

Advisory: ENGL C1000

Transferable: CSU; UC

C-ID: C-ID ARTS 200

This studio class offers drawing from the human figure. There will be lectures and discussions on proportion, anatomy, and the relationship of the figure to space and composition. Students will need to purchase art materials and tools. For hybrid course offerings, students must have a digital (e.g., phone) camera to record and upload assignments.

ART 305 Figure Drawing II

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Figure Studies

Prerequisite: ART 304 with a grade of "C" or better

Enrollment Limitation: Students must be 18 years of age to enroll in this course.

Advisory: ENGL C1000

Transferable: CSU; UC

This course utilizes the skills acquired in ART 304 to pursue more complex work in figure drawing. Topics include the study of anatomy, proportion, foreshortening, figure in space, and color. Students are

required to purchase materials needed for the course. For hybrid course offerings, students must have a digital (e.g., phone) camera to record and upload assignments.

ART 308 Perspective Drawing

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Applied Drawing

Prerequisite: None.

Advisory: ART 300 with a grade of "C" or better

Transferable: CSU; UC

This course introduces the study of linear and atmospheric perspectives to create spatial relationships in drawings. Topics include historical development of linear and atmospheric perspectives; incorporation of perspective in two dimensional arts; and creating spatial relationships through the use of different perspectives. Students are required to purchase any supplies needed for the course work.

ART 310 Pen and Ink Drawing

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Applied Drawing

Prerequisite: None.

Advisory: ART 300

Transferable: CSU; UC

This course covers different techniques and materials used in pen and ink drawing. Topics include the historical development of pen and ink drawings by different artists, study of lines and values to depict different subjects and textures, and use of elements of art and principles of design to create works of art. The students are required to purchase materials needed for the course.

ART 312 Portrait Drawing

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Figure Studies

Prerequisite: ART 300 with a grade of "C" or better

Advisory: ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3

This course is an introduction to and exploration of the human face as a subject in art. Focus will be placed on the development of skills needed to portray specific individuals. Topics include the study of anatomy and historical and contemporary approaches to portrait drawing. The students are required to purchase materials needed for the course. For hybrid course offerings, students must have a (digital (e.g., phone) camera to record and upload assignments.

ART 320 Design: Fundamentals

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3

C-ID: C-ID ARTS 100

This course examines the core concepts of the elements of art and the principles of design and the application, historical, and cultural references of these concepts to both fine and applied arts in two-dimensional art. Content includes conceptual thinking skills, art terminology, and analysis of form and content within a global context. The students are required to purchase art materials and tools needed for the course. For hybrid course offerings, students must have a digital (e.g., phone) camera to record and upload assignments.

ART 323 Design: Color Theory

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3

C-ID: C-ID ARTS 270

This course covers the principles and theories of additive and subtractive color, and their applications to two-dimensional fine and applied art. Topics include major historical and contemporary color systems and artistic styles, production of projects in applied color, and compositional considerations as they apply to color. The students are required to purchase materials needed for the course. For hybrid course offerings, students must have a (digital (e.g., phone) camera to record and upload assignments.

ART 327 Painting I

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Painting

Prerequisite: ART 300 with a grade of "C" or better

Advisory: ENGL 110

Transferable: CSU; UC

C-ID: C-ID ARTS 210

This course is an introduction to the tools, materials, and techniques used in painting. Coursework includes exercises in light and color theory, description of form, color and spatial development, and composition. Students will need to purchase art materials and tools. For hybrid course offerings, students must have a digital (e.g. phone) camera to record and upload assignments.

ART 328 Painting II

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Painting

Prerequisite: ART 327 with a grade of "C" or better

Advisory: ENGL 110

Transferable: CSU; UC

This course expands on the painting skills and concepts presented in ART 327 and covers more complex problems in observation, personal expression, and the formal exploration of composition. It is an intermediate studio painting course in which students work in a more independent framework. Students will initiate and execute progressively complex assignments. Students must purchase all supplies for this course. For hybrid course offerings, students must have a digital (e.g. phone) camera to record and upload assignments.

ART 332 Oil Painting

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Painting

Prerequisite: ART 300 with a grade of "C" or better

Advisory: ENGL 110

Transferable: CSU; UC

This course is an introduction to the medium and techniques used in oil painting. Topics include indirect and direct painting techniques in oil, application of elements of art and principles of design to depict diverse subjects in naturalistic and abstract representations, and self-expression through the medium of oil paint. Historical and contemporary works in this medium will be investigated. Students are required to purchase supplies needed for the course. For hybrid course offerings, students must have a digital (e.g. phone) camera to record and upload assignments.

ART 334 Acrylic Painting

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Painting

Prerequisite: ART 300 with a grade of "C" or better

Transferable: CSU; UC

This course is an introduction to the medium and techniques used in acrylic painting. Topics include the historical development of acrylics as a painting medium, and techniques and mediums used in acrylic painting. Students are required to purchase art supplies needed for the course.

ART 336 Watercolor Painting

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Painting

Prerequisite: ART 300 with a grade of "C" or better

Transferable: CSU; UC

This course is an introduction to transparent watercolor painting. The course topics include various materials and brush techniques in watercolor, color theory, and composition. Students will need to purchase art materials and tools.

ART 337 Intermediate Watercolor Painting

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Painting

Prerequisite: ART 336 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3

This course covers an in-depth study of watercolor in contemporary methods and concepts in transparent watercolor. Emphasis is given to different approaches in watercolor, composition, technical problems and solutions, and individual style development. Students are required to purchase materials needed for the course.

ART 361 Printmaking: Survey

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Printmaking

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3

C-ID: C-ID ARTS 220

This is a printmaking survey course which may include relief (wood and linoleum), intaglio (engraving, etching and drypoint), and planograph (silkscreening, collagraphy, and monotype) processes. Students will need to purchase art materials and tools.

ART 364 Printmaking: Relief

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Printmaking

Prerequisite: None.

Advisory: ART 300 and 320

Transferable: CSU; UC

This course covers the techniques of relief printmaking by hand and by printing press. Topics include historical development of relief printmaking, materials, and techniques used in relief prints using wood and linoleum. Students are required to purchase supplies needed for the course.

ART 370 Three Dimensional Design

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Sculpture

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3

C-ID: C-ID ARTS 101

This is a studio course covering the study of three-dimensional designs. Course topics include application of the elements of art and principles of design to create three dimensional forms. Use of diverse materials and techniques used in three dimensional forms will be included. Students will need to purchase art materials and tools.

ART 372 Sculpture

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Sculpture

Prerequisite: None.

Advisory: ENGL 110

Transferable: CSU; UC

General Education: Local GE L3

This course provides basic practice in the expressive use of form and color in three-dimensional space. Students will learn technical skills, including casting, additive, and reductive/carving sculptural methods, as well as construction and assemblage methods. Students will need to purchase art materials and tools. For hybrid course offerings, students must have a digital (e.g. phone) camera to record and upload assignments.

ART 373 Intermediate Sculpture

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Sculpture

Prerequisite: ART 372 with a grade of "C" or better

Advisory: ENGL 110

Transferable: CSU; UC

This is an intermediate course in the practice of the expressive use of form in three-dimensional space. It utilizes traditional additive and subtractive media, as well as constructive media, and other contemporary materials. The course utilizes a problem-solving format in order to develop knowledge of technical process, formal vocabulary, and individual expression. It examines both historical and contemporary approaches in developing form and content. Students will need to purchase art materials and tools. For hybrid course offerings, students must have a digital (e.g. phone) camera to record and upload assignments.

ART 382 Metal Design: Emphasis in Mixed Media

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Small Metal Arts

Prerequisite: None.

Enrollment Limitation: Students must be at least 16 years of age. Minor-aged students who are not legally emancipated must have their parent(s)/guardian(s) review the studio safety and conduct protocols prior to attending class.

Advisory: Each student should be able to demonstrate the ability to independently and safely operate the classroom equipment and machinery according to the standards set by the instructor on the first day of class. Students who are sensitive to loud noises are encouraged to purchase and wear protective hearing equipment or ear plugs.

Transferable: CSU; UC

This course offers a contemporary approach to mixed media in small metal sculpture and jewelry. This course encompasses found object, polymer clay, titanium anodizing, and Keum Bo. Students are required to purchase a basic set of tools, metals and other supplies, as well as optional hearing protection equipment.

ART 383 Metal Design: Emphasis In Fabrication

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Small Metal Arts

Prerequisite: None.

Enrollment Limitation: Students must be at least 16 years of age. Minor-aged students who are not legally emancipated must have their parent(s)/guardian(s) review the studio safety and conduct protocols prior to attending class.

Advisory: Each student should be able to demonstrate the ability to independently and safely operate the classroom equipment and machinery according to the standards set by the instructor on the first day of class. Students who are sensitive to loud noises are encouraged to purchase and wear protective hearing equipment or ear plugs.

Transferable: CSU; UC

This course covers historical and contemporary approaches to fabrication of metal and jewelry design. Sculptural jewelry forms will be made utilizing processes of fabricating, surfacing, soldering, forming and forging of metals. Steel hammers, anvils, and other equipment will be used in the class. Basic methods and techniques for use with silver and base metals will be covered. Students will need to purchase art materials and tools. Students who are sensitive to loud noises are encouraged to purchase and wear protective hearing equipment or ear plugs.

ART 386 Intermediate Metal Design: Emphasis in Fabrication

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Small Metal Arts

Prerequisite: None.

Enrollment Limitation: Students must be at least 16 years of age. Minor-aged students who are not legally emancipated must have their parent(s)/guardian(s) review the studio safety and conduct protocols prior to attending class.

Advisory: Each student should be able to demonstrate the ability to independently and safely operate the classroom equipment and machinery according to standards set by the instructor on the first day of class. Students who are sensitive to loud noises are encouraged to purchase and wear protective hearing equipment or ear plugs.

Transferable: CSU; UC

This is an intermediate course offering a historical and contemporary approach to fabrication of metal and jewelry design. Techniques may include forging, raising hollow forms, and the use of the hydraulic press in anticlastic and synclastic raising, matrix die forming and embossing molds. This is a concentrated study of intermediate work in elements of metal design and form. Students need to purchase metals and some required tools. Students who are sensitive to loud noises are encouraged to purchase and wear protective hearing equipment or ear plugs.

ART 387 Intermediate Metal Design: Emphasis in Forming

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Small Metal Arts

Prerequisite: None.

Enrollment Limitation: Students must be at least 16 years of age. Minor-aged students who are not legally emancipated must have their parent(s)/guardian(s) review the studio safety and conduct protocols prior to attending class.

Advisory: Each student should be able to demonstrate the ability to independently and safely operate the classroom equipment and machinery according to the standards set by the instructor on the first day of class. Students who are sensitive to loud noises are encouraged to purchase and wear protective hearing equipment or ear plugs.

Transferable: CSU; UC

This is an intermediate course offering a historical and contemporary approach to the forming of metal and jewelry design. This course encompasses the wide range of procedures used to convert flat metal into volumetric form using the hydraulic press and the rolling mill in forming three- dimensional metal objects. Steel hammers, anvils, and other equipment will be used in the class. Students will need to purchase a basic set of tools, metals, and supplies. Students who are sensitive to loud noises are encouraged to purchase and wear protective hearing equipment or ear plugs.

ART 390 Ceramics

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Ceramics-Hybrid

Prerequisite: None.

Advisory: ENGL 110

Transferable: CSU; UC

General Education: Local GE L3

This course is a beginning ceramic class in hand building and wheel throwing techniques. Clay forming skills of pinch, coil, slab, press, and slump molds are covered, as well as an introduction to the potter's wheel. The geology of clay and glazes is included. Methods of glazing and firing are studied. Historical and modern ceramic traditions provide the context for this course material. Students will need to purchase clay and some required tools. For hybrid course offerings, students must have a digital (e.g. phone) camera to record and upload assignments.

ART 391 Intermediate Ceramics

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Ceramics-Hybrid

Prerequisite: ART 390 with a grade of "C" or better

Advisory: ENGL 110

Transferable: CSU; UC

This is an intermediate course in wheel-throwing and sculpture techniques. It explores the technical and creative processes of ceramic pottery making and sculpture including surface treatment and various firing processes. Focus is placed on an in-depth examination of contemporary ceramics. The student will be given a materials/supplies needed list by the instructor, which the student must purchase and use in order to succeed in the course. Field trips outside of class time may be required. For hybrid course offerings, students must have a (digital (e.g. phone) camera to record and upload assignments.

ART 402 Beginning Clay Sculpture

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Ceramics-Hybrid

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3

This course is an introduction to the basic hand-building techniques and methods devoted to three dimensional and relief sculptural forms in clay. The course topics include glazing and firing processes used in clay sculpture. Students will need to purchase art materials and tools.

ART 404 Intermediate Clay Sculpture

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: ART 402 with a grade of "C" or better

Transferable: CSU; UC

This course is an intermediate class in ceramic sculpture techniques and methods. The class will include glazing, surface treatment and various firing processes used in clay sculpture. Focus will be placed on in-depth examination of contemporary ceramic sculpture. Students will need to purchase art materials and tools.

ART 430 Art and Children

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU

General Education: Local GE L3

This course covers the use of materials and techniques of studio activities in the K-12 classroom. Topics include the elements of art, principles of design, materials used in two and three dimensional art, techniques used to create age appropriate art, and designing art curriculum for the K-12 classroom. Students are required to purchase supplies needed for the course. For online course offerings, students must have a digital (e.g. phone) camera to record and upload assignments.

ART 495 Independent Studies in Art

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

This course involves a student working individually on a topic of study and research beyond the scope of regularly offered courses. Upon the approval of the proposed topic, the student will work and keep in contact with the advisory
faculty to successfully complete the topic study. Students may take this course up to four times without duplication of the topics.

ART 499 Experimental Offering in Art

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Art History

Overview

The Folsom Lake College art history curriculum offers a wide range of courses in introduction to art, western, and non-western art, from prehistoric to contemporary. Through the program's diverse classes, students develop an understanding of the diverse cultural, historical, social, and religious backgrounds. The art history curriculum's critical thinking and research components encourage students to utilize independent thought processes and analytical skills. The program provides transfer and employment opportunities, as well as personal enrichment for students.

Degrees Offered

A.A.-T. in Art History

A.A. in Art History

Division Dean: Francis Fletcher

Department Chair: Eunyoung Hwang

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in Art History

The Associate in Arts in Art History for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Art History at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) Cal-GETC the California General Education Transfer Curriculum (Cal-GETC) Requirement.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

All ADTs also require that students must earn a "C" or better in all

courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
ARTH C1100	Survey of Art from Prehistory to the Medieval Era (3)	3 - 6
or [ARTH 309	Art Survey: Renaissance to 19th Century (3)	
and ARTH 311]	Art Survey: Modern Art (3)	
ARTH 332	Asian Art	3
ART 300	Drawing and Composition I	3
A minimum of 3 units from the following:		3
List A (Art History Electives): Select one course from the following		
ARTH 318	History of American Art (3)	
or ARTH 324	Art of the Americas (3)	
or ARTH 325	Native American Art History (3)	
A minimum of 3 units from the following:		3
List B (Art Electives): Select one course from the following		
ART 304	Figure Drawing I (3)	
ART 320	Design: Fundamentals (3)	
ART 327	Painting I (3)	
ART 361	Printmaking: Survey (3)	
ART 370	Three Dimensional Design (3)	
ART 372	Sculpture (3)	
ART 383	Metal Design: Emphasis In Fabrication (3)	
ART 390	Ceramics (3)	
ART 402	Beginning Clay Sculpture (3)	
A minimum of 3 units from the following:		3
List C (General Electives): Select one of the following courses or any course from List A and List B not already used.		
ARTH 300	Art Appreciation (3)	
ARTH 304	Ancient Art (3)	
ARTH 306	Medieval Art (3)	
ARTH 307	Italian Renaissance Art (3)	
ARTH 312	Women in Art (3)	
ARTH 328	Survey of African Art (3)	
ARTH 330	Survey of African-American Art (3)	
ARTH 333	Introduction to Islamic Art (3)	
Total Units:		18 - 21

The Associate in Arts in Art History for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- assess and evaluate the contributions of artists throughout history.
- identify and evaluate works of art or architecture according to their appropriate style and time frame.
- analyze and critique art and architecture within the context of their functions and meanings.
- research and assess theoretical information concerning the meanings and purposes of art and architecture.
- demonstrate an understanding of the history of cultures and civilizations and how art and architecture is a reflection of that history.

Career Information

Art historians with undergraduate degrees are placed as registrars, preparators, and curatorial staff in art museums and galleries; they can also be employed as art critics in mass media publications, such as newspapers and magazines. An advanced degree allows an art historian a wider range of possible career applications, including museums directorships, curators, instructors, preservationists, researchers, and auction house personnel.

Associate Degrees

A.A. in Art History

The A.A. Degree in Art History is designed for students to pursue their education in Art History and Art Administration as well as for students who seek self enrichment in the field of Art History. Students, after transfer and completion of their Bachelor of Arts (BA) in Art History, can further their studies in Master's and Ph.D. in Art History and Art Administration.

Degree Requirements

Course Code	Course Title	Units
ARTH 304	Ancient Art	3
ARTH 306	Medieval Art	3
ARTH 309	Art Survey: Renaissance to 19th Century	3

Course Code	Course Title	Units
ARTH 311	Art Survey: Modern Art	3
A minimum of 3 units from the following:		3
ARTH 307	Italian Renaissance Art (3)	
ARTH 318	History of American Art (3)	
A minimum of 3 units from the following:		3
ARTH 312	Women in Art (3)	
ARTH 324	Art of the Americas (3)	
ARTH 325	Native American Art History (3)	
ARTH 328	Survey of African Art (3)	
ARTH 330	Survey of African-American Art (3)	
ARTH 332	Asian Art (3)	
ARTH 333	Introduction to Islamic Art (3)	
A minimum of 3 units from the following:		3
ART 300	Drawing and Composition I (3)	
ART 320	Design: Fundamentals (3)	
ART 323	Design: Color Theory (3)	
ART 361	Printmaking: Survey (3)	
ART 364	Printmaking: Relief (3)	
ART 370	Three Dimensional Design (3)	
ART 372	Sculpture (3)	
ART 382	Metal Design: Emphasis in Mixed Media (3)	
ART 383	Metal Design: Emphasis In Fabrication (3)	
ART 390	Ceramics (3)	
ART 402	Beginning Clay Sculpture (3)	
Total Units:		21

The Art History Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus the local FLC General Education Requirement, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- assess and evaluate the contributions of artists throughout history.
- identify and evaluate works of art or architecture according to their appropriate style and time frame.
- analyze and critique art and architecture within the context of their functions and meanings.
- research and assess theoretical information concerning the meanings and purposes of art and architecture.
- demonstrate an understanding of the history of cultures and civilizations and how art and architecture is a reflection of that history.

Career Information

Upon the completion of their continued education, students can work in galleries and museums as docents, as program directors, curators, or for private collectors and public organizations in related fields as well as educators, writers, etc.

Art History (ARTH) Courses

ARTH 300 Art Appreciation

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID ARTH 100

This is an introduction to the visual arts and architecture in various world cultures. Lecture and discussion include an overview of different materials and techniques that are used for the visual arts, such as drawing, painting, sculpture, artifacts, architecture, and printmaking. Topics also include the study of theory, terminology, the meaning and function of art, roles of artists, elements of art, and principles of design to develop visual literacy.

ARTH C1100 Survey of Art from Prehistory to the Medieval Era

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID ARTH 110

This course was formerly known as ARTH 303 Art Survey: Ancient to 14th Century.

This course introduces students to visual art and architecture from prehistory to the medieval era with a focus on art from Europe, North Africa, and the Near East. The course will further consider global interactions involving these regions. Formally known as ARTH 303. This course is not open to students who have already completed ARTH 303.

ARTH 304 Ancient Art

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ARTH 300 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course covers the development of Western art from the Prehistoric era through the Roman period. Lecture and discussion focus on the visual arts and architecture from the ancient Near Eastern, Egyptian, Greek, and Roman cultures.

ARTH 306 Medieval Art

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ARTH 300 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course is an introduction to Medieval arts and architecture from the fall of Roman Empire through late Gothic period. The lecture and discussion include the Early Christian, Byzantine, Celtic, Islamic, Romanesque, and Gothic arts. This is a required course for students seeking the A.A. in Art History.

ARTH 307 Italian Renaissance Art

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ARTH 300 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course introduces the visual arts and architecture of Italy from duecento (13th century) through cinquecento (16th century). Topics include the relationship between the visual arts and culture, and artists and their works from Proto-Renaissance, Renaissance, High Renaissance, and Mannerism.

ARTH 309 Art Survey: Renaissance to 19th Century

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ARTH 300 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: Part of C-ID ARTH 120

This course is a survey of art from the Proto-Renaissance (13th and 14th centuries) to Romanticism (19th century). The course examines paintings, sculptures, graphic art, artifacts, and architecture from western culture.

ARTH 311 Art Survey: Modern Art

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ARTH 300 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID ARTH 150; Part of C-ID ARTH 120

This course is a survey of modern art from Neoclassicism to contemporary art, from 18th century to 21st century. Through lecture and discussion, the course examines visual arts and architecture from Europe and America.

ARTH 312 Women in Art

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ARTH 300 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This is a survey course of women's art: how women are portrayed in the visual arts and the study of female artists and their works from the Middle Ages through the 21st century. The lecture and discussion include both European and non-European arts of women artists; analysis of women of diverse ethnicity and how their ethnic backgrounds shaped their arts; comparison and contrast of works by women of diverse groups; and comparison and contrast between the portrayals of men and women by male and female artists.

ARTH 318 History of American Art

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ARTH 300 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course covers American art from pre-colonial period to the present day. Lecture and discussion include visual arts and architecture of the Native Americans prior to the arrival of Europeans and Colonial periods, Early American art and architecture, 19th century, 20th century, and the early 21st century American arts.

ARTH 324 Art of the Americas

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ARTH 300 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID ARTH 145

This course covers the visual arts and architecture of Indigenous Mesoamerica and South America. Topics include the relationship between art and beliefs, materials and techniques used in art and architecture, and comparison and contrast between the Mesoamerican and South American cultures.

ARTH 325 Native American Art History

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ARTH 300 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A; Cal-GETC Area 3B

This course is an introduction to the art and culture of Native American peoples. It will include the native peoples of the Arctic and Subarctic regions, the Northwest Coast, the Eastern Woodlands, including the Iroquois Confederacy, the Plains, the Southwest, and California. Contemporary Native American art will also be discussed. Comparisons between individual Native American cultures will be drawn, as well as comparisons between Native and Eurocentric cultures.

ARTH 328 Survey of African Art

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ARTH 300 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course covers the visual arts and architecture of Africa. Topics include cultural and philosophical background of African arts, materials and techniques used, and the impact of African art to Western art.

ARTH 330 Survey of African-American Art

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ARTH 300 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course covers the visual arts and architecture of black artists in America. Topics include the roots of African-American art, the Harlem Renaissance, and the political and social representations of the African-American culture.

ARTH 332 Asian Art

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ARTH 300 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID ARTH 130

This course is a survey of Asian arts and architecture from the Prehistoric era to the contemporary. The course examines arts from China, India, Korea, Japan, Indonesia, Thailand, and Sri Lanka. The lecture and discussion include the development of Eastern philosophy and beliefs; their relationship to the visual arts; and comparison and contrast between Asian and Western arts.

ARTH 333 Introduction to Islamic Art

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A; Cal-GETC Area 3B

This is a survey course that studies the art and culture of the Middle East. It primarily focuses on Islamic art and architecture and provides fundamental information on the formation of Islamic art, its history and philosophy. Students will learn to identify works of art produced by artists from Muslim countries and regions. They will also be able to describe verbally and in writing characteristics and key elements in Islamic art and architecture. This course will include, but not be limited to, visual examples from Arabic, Persian and Indian cultures.

ARTH 495 Independent Studies in Art History

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

This course involves a student working individually on a topic of study and research beyond the scope of regularly offered courses. Upon the approval of the proposed topic, the student will work and keep in contact with the advisory faculty to successfully complete the topic study. Students may take this course up to four times without duplication of the topics.

ARTH 499 Experimental Offering in Art History

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Artificial Intelligence

Overview

Folsom Lake College's artificial intelligence (AI) department fosters innovation, meets industry demands, and advances education in a rapidly evolving field. It provides a structured platform for AI. By offering a range of courses, from foundational subjects to advanced topics, the department prepares students with the skills needed to tackle real-world AI challenges. It also promotes interdisciplinary collaboration, ensuring AI professionals understand their work's ethical implications and societal impacts.

Certificates Offered

Artificial Intelligence and Machine Learning Certificate

Division Dean: Dr. Lorena Navarro

Department Chair: Dr. Suha Al Juboori

Phone: (916) 608-6615

Email: navarrl@flc.losrios.edu

Certificate of Achievement

Artificial Intelligence and Machine Learning Certificate

Artificial Intelligence and Machine Learning certificate focuses on building machine learning models that can be used for predicting, making decisions and enhancing human capabilities. The program provides opportunities to develop the necessary skills and basic aptitudes in Artificial Intelligence and Machine Learning that is required in different fields including the information technology, automotive, healthcare, aerospace, industrial, and manufacturing industries.

Certificate Requirements

Course Code	Course Title	Units
AI 300	Introduction to Artificial Intelligence and Machine Learning	3
AI 310	Machine Learning	3
AI 305	Ethics and Artificial Intelligence	3
AI 311	Python for Applied AI and Visualization (4)	4
or CISP 407	Programming in Python (4)	
AI 312	Natural Language Processing I (3)	3
or AI 314	Computer Vision I (3)	
Total Units:		**16**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- explain how artificial intelligence and machine learning is useful in business or career.
- apply common artificial intelligence (AI) concepts and methodologies.
- utilize methods of machine learning and deep learning to build and run analytical models.
- explain how to use existing artificial intelligence and machine learning programming libraries on a data set to create a valid model that justifies their design decisions.

Career Information

Artificial intelligence programmer, machine learning engineer, data scientist, and business intelligence developer are possible job opportunities. The program provides the industry professional with the knowledge and skills used in a variety of fields using artificial intelligence.

Artificial Intelligence (AI) Courses

AI 299 Experimental Offering in Artificial Intelligence

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

AI 300 Introduction to Artificial Intelligence and Machine Learning

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

This course introduces students to artificial intelligence (AI) and machine learning (ML) basics. It explores AI use cases and applications and explains AI concepts and terms like generative AI (GenAI), deep learning (DL), computer vision, and natural language processing (NLP). Students will also be exposed to various issues and concerns surrounding AI, such as ethics and bias. This course does not require programming. This course is not open to those who have completed CISD 300.

AI 305 Ethics and Artificial Intelligence

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

This introductory course on Artificial Intelligence (AI) ethics provides a comprehensive overview of ethical considerations in the domain of artificial intelligence. The course covers principles of AI ethics, strategies to foster fair and equitable AI systems, approaches to minimize biases, and methods to address key issues and establish user trust.

AI 310 Machine Learning

Units: 3

Hours: 54 hours LEC

Prerequisite: AI 300 with a grade of "C" or better

Transferable: CSU; UC

This course introduces Machine Learning (ML) and Deep Learning (DL), focusing on their differences, mathematical foundations, and practical applications. Students will build classification, regression, and reinforcement learning models while exploring AI project structuring and emerging technologies. This course is not open to those who have completed CISD 307.

AI 311 Python for Applied AI and Visualization

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L2

This course equips students with the foundational concepts and practice of Python programming, AI/ML tools and techniques, and visualization: Data, variables and structures, functions, AI datasets, arrays, lists, tuples, and objects; AI/ML algorithms and programming process; visualization and performance analysis for applications using current libraries/packages with NumPy, Pandas, Scikit-learn, TensorFlow, Keras, Matplotlib, and Seaborn.

AI 312 Natural Language Processing I

Units: 3

Hours: 54 hours LEC

Prerequisite: AI 300 with a grade of "C" or better

Transferable: CSU; UC

This course introduces students to the basics of Natural Language Processing (NLP) and how to give the ability of a computer program to understand human language as it is spoken and written, referred to as natural language. It is a component of artificial intelligence (AI). This course is not open to those who have completed CISD 410.

AI 314 Computer Vision I

Units: 3

Hours: 54 hours LEC

Prerequisite: AI 300 with a grade of "C" or better

Transferable: CSU; UC

This course introduces students to the basics of Computer Vision (CV) which is a subset of Artificial Intelligence that train computers to automatically process, extract and manipulate visual data from images and videos. This course is not open to those who have completed CISD 412.

AI 315 Deep Learning I

Units: 3

Hours: 54 hours LEC

Prerequisite: AI 300 with a grade of "C" or better

Transferable: CSU

This course provides students with the fundamental concepts of Deep Learning (DL) as a subset of Machine Learning (ML), including basic practice of DL and its applications, multi-layer neural network architectures in DL models, propagation algorithms, parameters, and collections of data, and DL tools/libraries/packages.

AI 316 Applied Generative Artificial Intelligence I

Units: 3

Hours: 54 hours LEC

Prerequisite: AI 300 with a grade of "C" or better

Transferable: CSU

This course introduces students to the fundamental concepts of Applied Generative Artificial Intelligence (GenAI) as part of AI technologies and application development. It explores basic practices of GenAI and its applications, large language models (LLMs), transformer architecture, retrieval-augmented generation (RAG), the world of graphics processing units (GPUs) and neural processing units (NPUs), and hands-on GenAI application development.

AI 400 Applied Generative Artificial Intelligence II

Units: 3

Hours: 54 hours LEC

Prerequisite: AI 316 with a grade of "C" or better

Transferable: CSU

This Advanced Generative Artificial Intelligence (GenAI) applications course will introduce Advanced GenAI applications in areas such as Healthcare and Autonomous Systems, forefront technologies and advanced techniques in testing and building combined GenAI and Retrieval-Augmented Generation (RAG) applications through complex and multi-language and data models, and applying advanced prompt engineering and concepts of federated learning (FL) in application development.

AI 402 Deep Learning II

Units: 3

Hours: 54 hours LEC

Prerequisite: AI 315 with a grade of "C" or better

Transferable: UC

This Advanced Deep Learning (DL) course will provide forefront technologies and techniques for testing and building applications using complex and multi-layered neural networks (NNs), generative adversarial networks (GANs), variational autoencoders (VAEs), deep reinforcement learning (DRL), and other transformers and unsupervised models.

AI 404 Computer Vision II

Units: 3

Hours: 54 hours LEC

Prerequisite: AI 314 with a grade of "C" or better

Transferable: CSU

This course is a continuation of Computer Vision I and provides an in-depth study of advanced computer vision techniques and modern deep learning-based approaches. Students will explore convolutional neural networks (CNNs), object detection and segmentation architectures, generative models, 3D vision, and real-world deployment of vision systems. Emphasis is placed on hands-on implementation using industry-standard frameworks such as PyTorch and OpenCV. Students will complete a significant capstone project integrating multiple computer vision techniques.

AI 406 Natural Language Processing II

Units: 3

Hours: 54 hours LEC

Prerequisite: AI 312 with a grade of "C" or better

Transferable: CSU

This course builds on foundational NLP concepts by focusing on advanced techniques used in modern AI systems. Students evaluate, fine-tune, and optimize large language models (LLMs) such as GPT-4 and LLaMA for real-world applications. Topics include Retrieval-Augmented Generation (RAG), advanced prompt engineering, instruction tuning, and reinforcement learning from human feedback (RLHF). Students design and deploy production-ready NLP systems using APIs and cloud platforms, and develop multi-modal applications that integrate text with other data types. Emphasis is on hands-on, real-world implementation.

AI 499 Experimental Offering in Artificial Intelligence

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Astronomy

Overview

The Folsom Lake College astronomy program offers an array of transferable courses that fulfill both major and general education requirements. The astronomy courses are offered as part of the general education program at FLC and consists of the ASTR 300 lecture class and the ASTR 400 lab class. These classes are meant to give the student a comprehensive breath of the field of astronomy and the laboratory class gives a hands-on learning experience. Both courses are an excellent way for liberal arts students to gain an appreciation of scientific knowledge and methods.

Division Dean: Dr. Lorena Navarro

Department Chair: Daniel Hale

Phone: (916) 608-6615

Email: navarrl@flc.losrios.edu

Astronomy (ASTR) Courses

ASTR C1001 Introduction to Astronomy

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: Successful completion of Algebra I/Integrated Math 1 or Beginning Algebra

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A

This course was formerly known as ASTR 300 Introduction to Astronomy.

This course introduces fundamental concepts of astronomy, including the Solar System, stars,
supernovae, galaxies, black holes, and the expanding universe. Students learn how to study the
cosmos and what the latest discoveries reveal about the origins and fate of the universe. This course covers topics in modern planetary and stellar astronomy, such as dwarf, jovian, terrestrial, and extrasolar

planets and the life cycle of stars, black holes, and supernovae. It also includes topics on cosmology and galactic astronomy, such as dark matter, dark energy, the Big Bang, and the expansion of the Universe. This course was formerly known as ASTR 300 and is not open to students who have successfully completed ASTR 300.

ASTR 310 The Solar System

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: Successful completion of Algebra I/Integrated Math 1 or Beginning Algebra; AND eligibility for ENGL C1000/C1000H (formerly ENGWR 300/480) or ESLW 340

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A

This course explores the nature and evolution of the solar system. Topics include the night-time sky, the history of astronomy, the tools of astronomy, and the origins and characteristics of planets, their satellites, and other components of the solar system. It emphasizes how astronomers gain and refine their knowledge of the Universe and interpret the latest results of planetary exploration. Motions and charting of the night sky is examined using star charts and almanacs.

ASTR 320 Stars, Galaxies, and Cosmology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: Successful completion of Algebra I/Integrated Math 1 or Beginning Algebra; AND eligibility for ENGL C1000/C1000H (formerly ENGWR 300/480) or ESLW 340

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A

This course explores the nature and evolution of stars, galaxies, and the Universe. Topics include the history of astronomy, the tools of astronomy, star classification, stellar evolution, neutron stars, black holes, and the Big Bang. It emphasizes how astronomers gain and refine their knowledge of the Universe and interpret the latest results of space exploration.

ASTR C1001L Introduction to Astronomy Lab

Units: 1

Hours: 54 hours LAB

Prerequisite: None.

Corequisite: Completion of or concurrent enrollment in ASTR C1001 or other locally approved astronomy lecture course

Transferable: CSU; UC

General Education: Cal-GETC Area 5C

This course was formerly known as ASTR 400 Astronomy Laboratory.

This laboratory course reinforces fundamental principles and concepts of astronomy by applying
the scientific method through experiments, observations, and/or simulations. It provides access to telescopes, covering their practical use for visual observation of astronomical objects and the analysis of astronomical data. Topics may include constellation identification, stellar spectroscopy, solar and lunar observations, radio-physics and radio-
astronomy, image analysis, measuring the properties of stars, and determining the age of the Universe. Night-time on-campus field trips may be required. This course was formerly known as ASTR 400 and is not open to students who have successfully completed ASTR 400. Students may satisfy the corequisite for the course using ASTR C1001, ASTR 310 or ASTR 320.

ASTR 495 Independent Studies in Astronomy

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

ASTR 499 Experimental Offering in Astronomy

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Biology

Overview

The Folsom Lake College biology curriculum offers courses that satisfy general education requirements in life sciences. Some courses are prerequisites for a degree in the environmental sciences or health professions. In addition, the curriculum helps prepare students for transfer opportunities to four-year programs in biological sciences, nursing, and physical therapy, and programs leading to careers in teaching, medicine, dentistry, and veterinary medicine. All courses seek to develop critical thinking skills while fostering a lasting appreciation of biology. Students planning to continue for a four-year degree should consult the lower division requirements of the transfer program of the university to which they plan to attend.

Note: Construction is currently underway on Folsom Lake College's new Science Building at the main campus. Upon completion, the 75,000 gross sq. ft. instructional building, which will be named Oak Hall, will be the largest science facility within the Los Rios Community College District and will house six Biology labs, six Chemistry labs, and a 4,000 sq. ft. Science Center.

Learn More About the Science Building (https://flc.losrios.edu/about-us/our-facilities/science-building)

Degrees and Certificates Offered

A.S.-T. in Biology

A.S.-T. in Environmental Science

A.A. in Interdisciplinary Studies: Math and Science

A.S. in Biological Sciences

A.S. in Environmental Science

Biology UC Preparation Certificate

Environmental Science Certificate

Heritage Interpretation Certificate

Division Dean: Dr. Lorena Navarro

Department Chair: Dr. Fran Keller

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Associate Degrees for Transfer

A.S.-T. in Biology

The Associate in Science in Biology for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University (CSU). Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Biology at the institution they wish to transfer to because major and general education requirements may vary for each CSU, and the degree does not guarantee admission to a specific CSU campus.

This program has the following completion requirements:

(1) Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
(A) Cal-GETC Breadth Requirements.
(B) The required number of units in the major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0. Associate Degrees for Transfer also require that students must earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
BIOL 400	Principles of Biology	5
BIOL 411	Plant Science	4
BIOL 420	Principles of Zoology	5
CHEM 400	General Chemistry I	5
CHEM 401	General Chemistry II	5
MATH 355	Calculus for Biology and Medicine I	4
[PHYS 350	General Physics (4)	8
and PHYS 360]	General Physics (4)	
or [PHYS 411	Mechanics of Solids and Fluids (4)	
and PHYS 421]	Electricity and Magnetism (4)	
Total Units:		**36**

The Associate in Science in Biology for Transfer (AS-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- demonstrate knowledge of the language, facts, and concepts that serve as the foundation for working independently on more complex problems.
- employ appropriate information-gathering tools to investigate scientific matters.
- clearly communicate scientific information, both orally and in written form, to diverse audiences.
- demonstrate laboratory and field habits consistent with accepted practices for safety, documentation, and core techniques.
- analyze data sets, recognize the implications of disturbances to biological systems, and synthesize information to draw conclusions.
- differentiate between scientifically-derived knowledge, myth, and conjecture in professional or everyday encounters with information.
- recognize and discuss ethical implications of biological research when encountered in personal, community, and scientific issues.
- engage in free exchange of ideas to support creative problem solving.
- evaluate former and proposed human activities, and, if necessary, recommend alternative actions that are environmentally sustainable.

A.S.-T. in Environmental Science

The Associate in Science in Environmental Science for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University (CSU). Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Environmental Science at the institution they wish to transfer to because major and general education requirements may vary for each CSU, and the degree does not guarantee admission to a specific CSU campus.

Students must complete the following Associate Degree for Transfer (ADT) requirements (pursuant to SB1440, Â§66746):

â€¢ 60 semester or 90 quarter CSU-transferable units
â€¢ the California General Education Transfer Curriculum (Cal-GETC) pattern
â€¢ a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district
â€¢ obtain a minimum grade point average (GPA) of 2.0

All ADTs also require that students must earn a â€œCâ€ or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
BIOL 350	Environmental Biology	3
BIOL 400	Principles of Biology	5
CHEM 400	General Chemistry I	5
CHEM 401	General Chemistry II	5[1]
ECON C2001	Principles of Microeconomics	3
STAT C1000	Introduction to Statistics	4
MATH 341	Calculus for Business and Economics (4)	4 - 5
or MATH 400	Calculus I (5)	
A minimum of 4 units from the following:		4
Take either Geography plus lab or Geology plus lab.		
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems (3)	
and GEOG 301	Physical Geography Laboratory (1)	
GEOL 300	Physical Geology (3)	
and GEOL 301	Physical Geology Laboratory (1)	
A minimum of 8 units from the following:		8
Take PHYS 350 and 360 OR PHYS 411 and 421.		
PHYS 350	General Physics (4)	
and PHYS 360	General Physics (4)	
PHYS 411	Mechanics of Solids and Fluids (4)	
and PHYS 421	Electricity and Magnetism (4)	
Total Units:		**41 - 42**

[1]Students may also complete BIOL 410 and 420 instead of CHEM 401 to earn this degree.

The Associate in Science in Environmental Science for Transfer (AS-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- demonstrate knowledge of the language, facts, and concepts that serve as the foundation for working independently on more complex problems.
- employ appropriate information-gathering tools to investigate scientific matters.
- clearly communicate scientific information, both orally and in written form, to diverse audiences.
- demonstrate laboratory and field habits consistent with accepted practices for safety, documentation, and core techniques.
- analyze data sets, recognize the implications of disturbances to biological systems, and synthesize information to draw conclusions.
- differentiate between scientifically-derived knowledge, myth, and conjecture in professional or everyday encounters with information.
- recognize and discuss ethical implications of environmental science research when encountered in personal, community, and scientific issues.
- engage in free exchange of ideas to support creative problem solving.
- evaluate former and proposed human activities, and, if necessary, recommend alternative actions that are environmentally sustainable.

Associate Degrees

A.A. in Interdisciplinary Studies: Math and Science

The Interdisciplinary Studies degree is designed for students who wish to obtain a broad knowledge of mathematics and the sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis in" Math and Science. These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of the world's civilizations. Possible majors at a four-year institution include, but are not limited to: mathematics, biology, chemistry, and physical science.

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
ANTH 300	Biological Anthropology (3)	
ANTH 301	Biological Anthropology Laboratory (1)	
ANTH 303	Introduction to Forensic Anthropology (3)	
ASTR C1001	Introduction to Astronomy (3)	
ASTR 310	The Solar System (3)	
ASTR 320	Stars, Galaxies, and Cosmology (3)	
ASTR C1001L	Introduction to Astronomy Lab (1)	
BIOL 300	The Foundations of Biology (3)	
BIOL C1000	Introduction to Biology with Lab (4)	
BIOL 310	General Biology (4)	
BIOL 323	Plants and People (4)	
BIOL 342	The New Plagues: New and Ancient Infectious Diseases Threatening World Health (3)	
BIOL 350	Environmental Biology (3)	
BIOL 370	Marine Biology (4)	
BIOL 400	Principles of Biology (5)	
BIOL 410	Principles of Botany (5)	
or BIOL 411	Plant Science (4)	
BIOL 420	Principles of Zoology (5)	
BIOL 430	Anatomy and Physiology (5)	
BIOL 431	Anatomy and Physiology (5)	

Course Code	Course Title	Units
BIOL 440	General Microbiology (4)	
BIOL 442	General Microbiology and Public Health (5)	
CHEM 300	Beginning Chemistry (4)	
CHEM 305	Introduction to Chemistry (5)	
CHEM 337	Brewing and Beer Chemistry (4)	
CHEM 339	Introduction to Fermentation Chemistry (4)	
CHEM 400	General Chemistry I (5)	
CHEM 401	General Chemistry II (5)	
CHEM 410	Quantitative Analysis (5)	
CHEM 420	Organic Chemistry I (5)	
CHEM 421	Organic Chemistry II (5)	
CISC 311	Survey of Modern Computer Languages (3)	
CISD 351	Data Science Foundations (4)	
CISP 300	Algorithm Design/Problem Solving (3)	
CISP 360	Introduction to Structured Programming (4)	
CISP 400	Object Oriented Programming with C++ (4)	
CISP 401	Object Oriented Programming with Java (4)	
CISP 408	Programming R for Data Analysis and Machine Learning (3)	
CISP 440	Discrete Structures for Computer Science (3)	
ECON 310	Statistics for Business and Economics (3)	
ENGR 420	Statics (3)	
FT 304	Fire Behavior and Combustion (3)	
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems (3)	
GEOG 301	Physical Geography Laboratory (1)	
GEOG 306	Weather and Climate (3)	
GEOG 331	Exploring Maps and Geographic Technologies (3)	
GEOL 300	Physical Geology (3)	
GEOL 301	Physical Geology Laboratory (1)	
GEOL 302	Physical Geology with Lab (4)	
GEOL 305	Earth Science (3)	
GEOL 306	Earth Science Laboratory (1)	
GEOL 310	Historical Geology (3)	
GEOL 311	Historical Geology Laboratory (1)	
GEOL 330	Introduction to Oceanography (3)	
GEOL 345	Geology of California (3)	
MATH 300	Introduction to Mathematical Ideas (3)	
MATH 310	Mathematical Discovery (3)	
MATH 333	College Algebra for Liberal Arts (3)	
MATH 341	Calculus for Business and Economics (4)	
MATH 343	Modern Business Mathematics (4)	
MATH 355	Calculus for Biology and Medicine I (4)	
MATH 356	Calculus for Biology and Medicine II (4)	
MATH 372	College Algebra for Calculus (4)	
or MATH 375	Pre-Calculus (6)	
MATH 373	Trigonometry for Calculus (4)	
MATH 385	Calculus Preparation for STEM (4)	
MATH 400	Calculus I (5)	
MATH 401	Calculus II (5)	
MATH 402	Calculus III (5)	
MATH 410	Introduction to Linear Algebra (3)	
MATH 420	Differential Equations (4)	
NUTRI 300	Nutrition (3)	
NUTRI 302	Nutrition for Physical Performance (3)	
NUTRI 340	Nutrition and Metabolism (3)	
PHYS 310	Conceptual Physics (3)	
PHYS 311	Basic Physics (3)	
PHYS 350	General Physics (4)	
PHYS 360	General Physics (4)	
PHYS 411	Mechanics of Solids and Fluids (4)	
PHYS 421	Electricity and Magnetism (4)	
PHYS 431	Heat, Waves, Light and Modern Physics (4)	
PS 302	Introduction to Physical Science (4)	
PSYC 312	Biological Psychology (4)	
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
STAT C1000	Introduction to Statistics (4)	
Total Units:		**18**

The Interdisciplinary Studies: Math and Science Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- reason quantitatively and empirically (Math and Science).

A.S. in Biological Sciences

Biology programs at FLC seek to prepare lower division students for transfer to higher education institutions, entry into vocational programs, or science-related employment. All programs seek to develop critical thinking skills while fostering a lasting appreciation of biology.

Degree Requirements

Course Code	Course Title	Units
CHEM 400	General Chemistry I	5
CHEM 401	General Chemistry II	5
BIOL 400	Principles of Biology	5
BIOL 410	Principles of Botany (5)	4 - 5
or BIOL 411	Plant Science (4)	
BIOL 420	Principles of Zoology	5
A minimum of 8 units from the following:		8
BIOL 323	Plants and People (4)	
BIOL 350	Environmental Biology (3)	
BIOL 380	Natural History Field Studies: Coastal Ecosystems (1)	
BIOL 382	Natural History Field Studies: Desert Ecosystems (1)	
BIOL 384	Natural History Field Study of Forest Ecosystems (1)	
BIOL 386	Natural History Field Studies: Marine Ecosystems (1)	
BIOL 388	Natural History Field Studies: River Ecosystems (1)	
BIOL 389	Natural History Field Studies: Wetland Ecosystems (1)	
CHEM 420	Organic Chemistry I (5)	
CHEM 421	Organic Chemistry II (5)	
MATH 400	Calculus I (5)	
MATH 401	Calculus II (5)	
PHYS 350	General Physics (4)	
PHYS 360	General Physics (4)	
PHYS 411	Mechanics of Solids and Fluids (4)	
PHYS 421	Electricity and Magnetism (4)	
PHYS 431	Heat, Waves, Light and Modern Physics (4)	
STAT C1000	Introduction to Statistics (4)	
Total Units:		32 - 33

The Biological Sciences Associate in Science (A.S.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- demonstrate knowledge of the language, facts, and concepts that serve as the foundation for working independently on more complex problems.
- employ appropriate information-gathering tools to investigate scientific matters.
- clearly communicate scientific information, both orally and in written form, to diverse audiences.
- demonstrate laboratory and field habits consistent with accepted practices for safety, documentation, and core techniques.
- analyze data sets, recognize the implications of disturbances to biological systems, and synthesize information to draw conclusions.
- differentiate between scientifically-derived knowledge, myth, and conjecture in professional or everyday encounters with information.
- recognize and discuss ethical implications of biological research when encountered in personal, community, and scientific issues.
- engage in free exchange of ideas to support creative problem solving.
- evaluate former and proposed human activities, and, if necessary, recommend alternative actions that are environmentally sustainable.

A.S. in Environmental Science

Environmental Science prepares students to address the effects of climate change on our planet and on human interactions with our environment and each other. Students completing the Associate in Science degree will be prepared to transfer to a four-year college to major in Environmental Science, Environmental Policy, or related fields. Students are encouraged to meet with a counselor to determine the appropriate course work necessary to meet transfer admission requirements.

Degree Requirements

Course Code	Course Title	Units
BIOL 400	Principles of Biology	5
BIOL 410	Principles of Botany (5)	4 - 5
or BIOL 411	Plant Science (4)	
BIOL 420	Principles of Zoology	5

Course Code	Course Title	Units
CHEM 400	General Chemistry I	5
CHEM 401	General Chemistry II	5
A minimum of 30 units from the following:		30
BIOL 350	Environmental Biology (3)	
CHEM 420	Organic Chemistry I (5)	
CHEM 421	Organic Chemistry II (5)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems (3)	
GEOG 301	Physical Geography Laboratory (1)	
GEOL 300	Physical Geology (3)	
GEOL 301	Physical Geology Laboratory (1)	
MATH 355	Calculus for Biology and Medicine I (4)	
MATH 356	Calculus for Biology and Medicine II (4)	
MATH 400	Calculus I (5)	
MATH 401	Calculus II (5)	
MATH 402	Calculus III (5)	
PHYS 350	General Physics (4)	
PHYS 360	General Physics (4)	
PHYS 411	Mechanics of Solids and Fluids (4)	
PHYS 421	Electricity and Magnetism (4)	
PHYS 431	Heat, Waves, Light and Modern Physics (4)	
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
STAT C1000	Introduction to Statistics (4)	
Total Units:		**54 - 55**

The Environmental Science Associate in Science (A.S.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- demonstrate knowledge of the language, facts, and concepts that serve as the foundation for working independently on more complex problems.
- employ appropriate information-gathering tools to investigate scientific matters.
- clearly communicate scientific information, both orally and in written form, to diverse audiences.
- demonstrate laboratory and field habits consistent with accepted practices for safety, documentation, and core techniques.
- analyze data sets, recognize the implications of disturbances to biological systems, and synthesize information to draw conclusions.
- differentiate between scientifically-derived knowledge, myth, and conjecture in professional or everyday encounters with information.
- recognize and discuss ethical implications of environmental science research when encountered in personal, community, and scientific issues.
- engage in free exchange of ideas to support creative problem solving.
- evaluate former and proposed human activities, and, if necessary, recommend alternative actions that are environmentally sustainable.

Certificates of Achievement

Biology UC Preparation Certificate

This certificate aligns with the UC Transfer Pathway in Biology, which provides students with roadmaps to Biology (or related) majors at any University of California (UC) campus. This certificate will be especially helpful to students who know (or have a general idea) that they are interested in majoring in Biology (or a related discipline), but have not decided which UC campuses they would like to apply to.

This certificate outlines the set of courses students should take to be competitive for admission to a Biology major in the UC system. Campuses may have grade requirements for particular courses. Students are encouraged to meet with a counselor to determine other campus-specific requirements such as determining which Math and Biology sequence to complete.

Certificate Requirements

Course Code	Course Title	Units
BIOL 400	Principles of Biology	5
BIOL 410	Principles of Botany (5)	4 - 5
or BIOL 411	Plant Science (4)	

Course Code	Course Title	Units
BIOL 420	Principles of Zoology	5
CHEM 400	General Chemistry I	5
CHEM 401	General Chemistry II	5
CHEM 420	Organic Chemistry I	5
CHEM 421	Organic Chemistry II	5
[MATH 355	Calculus for Biology and Medicine I (4)	8 - 10
and MATH 356]	Calculus for Biology and Medicine II (4)	
or [MATH 400	Calculus I (5)	
and MATH 401]	Calculus II (5)	
Total Units:		**42 - 45**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- demonstrate knowledge of the language, facts, and concepts that serve as the foundation for working independently on more complex problems.
- employ appropriate information-gathering tools to investigate scientific matters.
- clearly communicate scientific information, both orally and in written form, to diverse audiences.
- demonstrate laboratory and field habits consistent with accepted practices for safety, documentation, and core techniques.
- analyze data sets, recognize the implications of disturbances to biological systems, and synthesize information to draw conclusions.
- differentiate between scientifically-derived knowledge, myth, and conjecture in professional or everyday encounters with information.
- recognize and discuss ethical implications of biological research when encountered in personal, community, and scientific issues.
- engage in free exchange of ideas to support creative problem solving.
- evaluate former and proposed human activities, and, if necessary, recommend alternative actions that are environmentally sustainable.

Environmental Science Certificate

Environmental Science prepares students to address the effects of climate change on our planet and on human interactions with our environment and each other. Students completing the Certificate of Achievement in Environmental Science will be prepared to transfer to a four-year college where completing general education prior to admission to a major in Environmental Science or similar field is neither required nor expected. Students are encouraged to meet with a counselor to determine the appropriate course work necessary to meet transfer admission requirements.

Certificate Requirements

Course Code	Course Title	Units
BIOL 400	Principles of Biology	5
BIOL 410	Principles of Botany (5)	4 - 5
or BIOL 411	Plant Science (4)	
BIOL 420	Principles of Zoology	5
CHEM 400	General Chemistry I	5
CHEM 401	General Chemistry II	5
A minimum of 30 units from the following:		30
BIOL 350	Environmental Biology (3)	
CHEM 420	Organic Chemistry I (5)	
CHEM 421	Organic Chemistry II (5)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems (3)	
GEOG 301	Physical Geography Laboratory (1)	
GEOL 300	Physical Geology (3)	
GEOL 301	Physical Geology Laboratory (1)	
MATH 355	Calculus for Biology and Medicine I (4)	
MATH 356	Calculus for Biology and Medicine II (4)	
MATH 400	Calculus I (5)	
MATH 401	Calculus II (5)	
MATH 402	Calculus III (5)	
PHYS 350	General Physics (4)	
PHYS 360	General Physics (4)	
PHYS 411	Mechanics of Solids and Fluids (4)	
PHYS 421	Electricity and Magnetism (4)	
PHYS 431	Heat, Waves, Light and Modern Physics (4)	
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
STAT C1000	Introduction to Statistics (4)	

Course Code	Course Title	Units
Total Units:		54 - 55

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- demonstrate knowledge of the language, facts, and concepts that serve as the foundation for working independently on more complex problems.
- employ appropriate information-gathering tools to investigate scientific matters.
- clearly communicate scientific information, both orally and in written form, to diverse audiences.
- demonstrate laboratory and field habits consistent with accepted practices for safety, documentation, and core techniques.
- analyze data sets, recognize the implications of disturbances to biological systems, and synthesize information to draw conclusions.
- differentiate between scientifically-derived knowledge, myth, and conjecture in professional or everyday encounters with information.
- recognize and discuss ethical implications of environmental science research when encountered in personal, community, and scientific issues.
- engage in free exchange of ideas to support creative problem solving.
- evaluate former and proposed human activities, and, if necessary, recommend alternative actions that are environmentally sustainable.

Heritage Interpretation Certificate

Heritage Interpretation involves conveying meaningful information about historical, cultural, and natural events or sites to a broad audience. One may have encountered interpretive prose in historical site markers, displays at parks or museums, and written park visitor guides. Park rangers, docents, and tour guides use oral and written interpretation skills. More recently, interpretive skills have been expanding into social media. Students completing this proposed certificate of recognition will be prepared to take an exam to be a Certified Interpretive Guide (C.I.G) from the National Association for Interpretation. Courses in this certificate may also be applied towards associate degree and/or transfer requirements.

Certificate Requirements

Course Code	Course Title	Units
ANTH 300	Biological Anthropology (3)	3
or ANTH 310	Cultural Anthropology (3)	
or ANTH 323	Introduction to Archaeology (3)	
BIOL C1000	Introduction to Biology with Lab (4)	3 - 4
or BIOL 323	Plants and People (4)	
or BIOL 350	Environmental Biology (3)	
HIST 319	American Environmental History (3)	3
or HIST 344	Survey of California History: A Multicultural Perspective (3)	
ANTH 392	Principles of Heritage Interpretation (3)	3
A minimum of 2 units from the following:		2
ANTH 498	Work Experience in Anthropology (0.5 - 4)	
BIOL 380	Natural History Field Studies: Coastal Ecosystems (1)	
BIOL 382	Natural History Field Studies: Desert Ecosystems (1)	
BIOL 384	Natural History Field Study of Forest Ecosystems (1)	
BIOL 386	Natural History Field Studies: Marine Ecosystems (1)	
BIOL 388	Natural History Field Studies: River Ecosystems (1)	
BIOL 389	Natural History Field Studies: Wetland Ecosystems (1)	
HIST 498	Work Experience in History (0.5 - 4)	
WEXP 498	Work Experience in (Subject) (0.5 - 4)	
Total Units:		14 - 15

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- pass the Certified Interpretive Guide exam offered by the National Association for Interpretation.
- interpret information about a historical, cultural, or natural event or site to a diverse audience.
- justify the importance of preserving historical, cultural, and natural resources.

Career Information

Students completing this certificate along with additional coursework may be prepared to seek jobs as an interpretive guide or Interpretive Specialist at parks, museums, historical sites, and cultural centers; K-12 educator; river guide; or in the hospitality industry. This certificate may

also fulfill some of the transfer requirements for a bachelor's degree in Public History, Cultural Resources Management, or Natural Resources Management.

Biology (BIOL) Courses

BIOL 100 Introduction to Concepts of Human Anatomy and Physiology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

This course provides an overview of the basic concepts of anatomy and physiology, with coverage of all body systems. It is a non-transferable course designed for students requiring a one semester prerequisite for certain allied health programs, for students wanting to improve critical thinking, learning skills, and college-level vocabulary in preparation for more rigorous courses, and for any students with a desire to explore and to improve their understanding of the human body.

BIOL 300 The Foundations of Biology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Biology 300, 307 and 310 combined: maximum credit, one course)

General Education: Local GE L5; Cal-GETC Area 5B

This course is a survey of major topics in the biological sciences with an emphasis on human biology for the non-science major . Units covered include the origin of life, cell structure and chemistry, metabolism, Mendelian and molecular genetics, genetic engineering, evolution, anatomy and physiology of humans, animal behavior and ecology.

BIOL C1000 Introduction to Biology with Lab

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: ENGL C1000 with a grade of "C" or better; and MATH 310 or STAT 300 with a grade of "C" or better

Transferable: CSU; UC (UC credit limitation: Biology 300, 307 and 310 combined: maximum credit, one course)

General Education: Local GE L5; Cal-GETC Area 5B; Cal-GETC Area 5C

This course was formerly known as BIOL 307 Biology of Organisms.

This combined lecture and laboratory course provides the non-biology major with an introduction
to living things and their environment. Students use experimentation and investigation to develop
important critical thinking skills. Students learn about the process of science, the building blocks of
life, the role and regulation of DNA, how populations change over time, the movement of energy
within and between life forms, and how species interact with each other and their surroundings. By
the end of the course, students will be able to apply an understanding of biological concepts to
current issues and their impacts on society. This course was formerly entitled Biology 307. Not open to students who have completed Biol 307 or Biol 303 at ARC.

BIOL 310 General Biology

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Biology 300, 307 and 310 combined: maximum credit, one course)

General Education: Local GE L5; Cal-GETC Area 5B; Cal-GETC Area 5C

This course introduces the major concepts of biological science with an emphasis on human biology. It is intended for non-science majors and disciplines requiring a broad overview of Biology (e.g. some Allied Health programs). Topics covered include: cell biology, metabolism, Mendelian and molecular genetics, evolution, anatomy and physiology, animal behavior, and ecology. The laboratory activities are designed to further investigate and illuminate each topic area. Students may be required to purchase eye protection and disposable gloves. Field trips outside of class time may be required. Additionally, students may be required to provide their own transportation to field trip sites.

BIOL 323 Plants and People

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: ENGWR 300 with a grade of "C" or better; and STAT 300 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B; Cal-GETC Area 5C

This introductory course focuses on the scientific study of the interactions between plants and humans. Students will use the scientific method to investigate the ecological and biological traits of plants, how these traits have shaped multicultural human use, and how plants have been affected by humans. Topics include plant anatomy, structure, and reproduction; the role of biodiversity in natural and cultivated systems; plant evolution under domestication; sustainable use of resources; ethical issues surrounding plant use; and comparison of plant use by various cultures for food, medicine, shelter, and dyes. Laboratory topics may include plant identification, experimental investigation of medicinal and food value of selected plants, traditional preparation of selected plants, plant structure and anatomy, and analysis of plant fibers and dyes. Field trips may be required.

BIOL 342 The New Plagues: New and Ancient Infectious Diseases Threatening World Health

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L5; Local GE L7B

This course explores the biology, epidemiology, and pathology of selected pathogens such as prions, viruses, bacteria, protozoa, fungi, and helminths that threaten public health on a global scale. It explores the interaction between human behavior and disease agents on the emergence of new infectious agents and the re-emergence of ancient plagues.

BIOL 350 Environmental Biology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B

C-ID: C-ID ENVS 100

This course provides an overview of ecosystems and natural resources. Major topics covered include scientific methods, data interpretation, ecological principles, ecosystem functioning, conservation biology, resource use (including historical and cultural values) and management, and human-caused environmental impacts (e.g. pollution and climate change). This course provides the background needed to understand major global and regional issues such as acid rain, global warming, hazardous waste disposal, deforestation, ecological sustainability, and endangered species recovery. BIOL 350 is a general education course that is especially useful for Environmental Technology, Environmental Sciences, Ecology, Recreation, Education, and Political Science majors. You cannot enroll in this course if you have passed ENVT 304. One off-campus field trip is required. Students may be required to drive themselves and there may be entrance fees to certain field trip locations. Attendance at public meetings, and/or a semester project may be required.

BIOL 370 Marine Biology

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: ENGL 110 or ENGRD 110 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B; Cal-GETC Area 5C

This course is an introduction to marine biology and oceanography. It includes the study of marine vertebrates and invertebrates, tide pool and coastal ecology, sea water, tides, currents, marine geology, and coastal processes. Instruction includes both lab and lecture and required field trips to study intertidal plants and animals and coastal ecology. Three field trips are required. Two of these involve tent camping on weekends and will focus on the North and Central California Coast. Students must supply their own food, tents, and sleeping bags. Students are responsible for field trip costs for camping, tours, and parking (approximately $145-$185 per student.) Field trip dates will be announced at the first class meeting.

BIOL 380 Natural History Field Studies: Coastal Ecosystems

Units: 1

Hours: 12 hours LEC; 18 hours LAB

Prerequisite: None.

Transferable: CSU

This course will study the ecology and natural history of coastal ecosystems covered in the field. Animals, plants, geology, and environmental impacts unique to coastal areas will be studied and their interrelationships investigated. Assignments, field notes and appropriate exams will be an integral part of the course. Students will be responsible for providing their own lodging or camping equipment and meals. Campsites will be available. This course is ideal for anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

BIOL 382 Natural History Field Studies: Desert Ecosystems

Units: 1

Hours: 12 hours LEC; 18 hours LAB

Prerequisite: None.

Transferable: CSU

This course will study the ecology and natural history of desert and arid ecosystems covered in the field. Animals, plants, geology, and environmental impacts unique to desert-related areas will be studied and their interrelationships investigated. Assignments, field notes and appropriate exams will be an integral part of the course. Students will be responsible for providing their own lodging or camping equipment and meals. Campsites will be available. This course is ideal for anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

BIOL 384 Natural History Field Study of Forest Ecosystems

Units: 1

Hours: 12 hours LEC; 18 hours LAB

Prerequisite: None.

Transferable: CSU

This course will cover the ecology and natural history of forest ecosystems covered in the field. Animals, plants, geology, and environmental impacts unique to forest and mountain areas will be studied and their interrelationship investigated. Assignments, field notes and appropriate exams/quizzes will be an integral part of the course. Students will be responsible for providing their own lodging or camping equipment and meals. Campsites will be available. Additional fees for tours or transportation may also be required. This course is ideal for anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

BIOL 386 Natural History Field Studies: Marine Ecosystems

Units: 1

Hours: 12 hours LEC; 18 hours LAB

Prerequisite: None.

Transferable: CSU

This course will cover the ecology and natural history of marine ecosystems in the field. Animals, plants, geology, and environmental impacts unique to ocean areas will be studied and their interrelationships investigated. Assignments, field notes and appropriate exams/quizzes will be an integral part of the course. Students will be responsible for providing their own lodging or camping equipment and meals. Campsites will be available. This course is ideal for anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

BIOL 388 Natural History Field Studies: River Ecosystems

Units: 1

Hours: 12 hours LEC; 18 hours LAB

Prerequisite: None.

Transferable: CSU

This course will study the ecology and natural history of river ecosystems covered in the field. Animals, plants, geology, and environmental impacts unique to rivers and riparian areas will be studied and their interrelationships investigated. Assignments, field notes, and appropriate exams/quizzes will be an integral part of the course. Students will be responsible for providing their own lodging or camping equipment and meals. Field trips are required. Campsites or field station housing will be available. This course is ideal for anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

BIOL 389 Natural History Field Studies: Wetland Ecosystems

Units: 1

Hours: 12 hours LEC; 18 hours LAB

Prerequisite: None.

Transferable: CSU

This course will study the ecology and natural history of wetland ecosystems covered in the field, with emphasis on the FLC campus wetland. Animals, plants, geology, and environmental impacts unique to wetland areas will be studied and their interrelationships investigated. Assignments, field notes and appropriate exams/quizzes will be an integral part of the course. Students will be responsible for providing their own camping equipment and meals. Fees for overnight lodging at field stations and campsites may be required. This course is ideal for anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

BIOL 400 Principles of Biology

Units: 5

Hours: 54 hours LEC; 108 hours LAB

Prerequisite: CHEM 305 or 400 with a grade of "C" or better

Advisory: Eligible for ENGRD 310 or ENGRD 312 AND ENGWR 300; OR ESLW 340. Eligible for MATH 333.

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B; Cal-GETC Area 5C

C-ID: C-ID BIOL 190; Part of C-ID BIOL 135S

This course introduces universal biological principles, including biological molecules, enzymes, cell structure and function, biochemistry, Mendelian and molecular genetics, ecology and evolution. BIOL 400 is recommended for science majors and students in pre-professional programs. Goggles and a scientific or 4 function calculator are required (programmable or cell phone calculators are NOT allowed).

BIOL 410 Principles of Botany

Units: 5

Hours: 54 hours LEC; 108 hours LAB

Prerequisite: BIOL 400 with a grade of "C" or better

Advisory: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B; Cal-GETC Area 5C

C-ID: C-ID BIOL 155; Part of C-ID BIOL 135S

This course introduces the biology of plants, fungi, cyanobacteria, and algae. Topics covered include the morphology, anatomy, physiology, development, classification, evolution, and ecology of botanical organisms and other non-botanical organisms traditionally included in an introductory botany course for biology majors. Students may be required to purchase eye protection and disposable gloves. Additionally, students may be required to provide their own transportation to field trip sites.

BIOL 411 Plant Science

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: BIOL 400 with a grade of "C" or better

Advisory: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B; Cal-GETC Area 5C

C-ID: C-ID BIOL 155; Part of C-ID BIOL 135S

This course introduces the biology of plants, fungi, cyanobacteria, and algae. Topics covered include the morphology, anatomy, physiology, development, classification, evolution, and ecology of botanical organisms and other non-botanical organisms traditionally included in an introductory botany course for biology majors. Students may be required to purchase eye protection and disposable gloves. Additionally, students may be required to provide their own transportation to field trip sites.

BIOL 420 Principles of Zoology

Units: 5

Hours: 54 hours LEC; 108 hours LAB

Prerequisite: BIOL 400 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B; Cal-GETC Area 5C

C-ID: C-ID BIOL 150; Part of C-ID BIOL 135S

This course is part of a three-semester sequence in general biology for biology majors. Topics include zoology with particular emphasis on comparative anatomy and physiology of vertebrates and invertebrates. The basic principles of evolution, taxonomy, embryology, morphology, physiology, behavior and ecology will be covered. Students may be required to purchase eye protection and disposable gloves. Field trips scheduled outside of class time may be required. Additionally, students may be required to provide their own transportation to field trip sites.

BIOL 430 Anatomy and Physiology

Units: 5

Hours: 54 hours LEC; 108 hours LAB

Prerequisite: CHEM 305 with a grade of "C" or better

Advisory: BIOL 310 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B; Cal-GETC Area 5C

C-ID: Part of C-ID BIOL 115S

This is an introductory course in which the basic principles of human anatomy and physiology are presented in an integrated fashion. This course covers anatomical terminology, basic organic chemistry, histology, and the integumentary, skeletal, muscular, and nervous systems. Both BIOL 430 and BIOL 431 must be taken to study all of the major body systems. Purchase of personal protective equipment including lab coats, safety glasses, and disposable gloves is required.

BIOL 431 Anatomy and Physiology

Units: 5

Hours: 54 hours LEC; 108 hours LAB

Prerequisite: BIOL 430 with a grade of "C" or better

Advisory: CHEM 305 and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B; Cal-GETC Area 5C

C-ID: Part of C-ID BIOL 115S

This is an introductory course in which the basic principles of human anatomy and physiology are presented in an integrated fashion. This course covers the circulatory, respiratory, urinary, immune, digestive, endocrine, and reproductive systems. Both BIOL 430 and BIOL 431 must be taken to study all of the major body systems. Purchase of personal protective equipment including lab coats, safety glasses, and disposable gloves is required.

BIOL 439 Human Cadaver Dissection

Units: 1

Hours: 12 hours LEC; 18 hours LAB

Prerequisite: BIOL 430 and 431 with grades of "C" or better

Transferable: CSU

The Human Cadaver Dissection course is a one-unit, intensive course for nursing, medical, chiropractic, physical therapy, sonography, or other health-related majors. Using a regional approach, students will study the structure of the human body through the dissection of cadavers. Students will gain experience in dissection techniques, more fully understand relationships between organs, and discuss physiological concepts as they pertain to anatomy. Maintaining a detailed lab notebook is an integral part of the course. A lab coat and safety glasses with side splash protection will be required.

BIOL 440 General Microbiology

Units: 4

Hours: 54 hours LEC; 72 hours LAB

Prerequisite: CHEM 305 or CHEM 400 with a grade of "C" or better.

Advisory: BIOL C1000, BIOL 310, and ENGL C1000

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B; Cal-GETC Area 5C

This course introduces the concepts of microbiology with an emphasis on forms, modes of growth, cell specialization, mutual, commensal and parasitic relationships of bacteria, fungi, molds, protozoa and viruses. Topics will be correlated with medical and health applications to animals and human beings. Students are required to purchase a laboratory coat, microscope slides, safety glasses, disposable gloves and a laboratory notebook. Field trips and/or a semester project may be required.

BIOL 442 General Microbiology and Public Health

Units: 5

Hours: 54 hours LEC; 108 hours LAB

Prerequisite: CHEM 305 or 400 with a grade of "C" or better

Advisory: BIOL C1000, BIOL 310, or ENGL 110

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B; Cal-GETC Area 5C

This course provides a survey of bacteria, viruses, fungi, protozoa, and helminths that are associated with human infectious diseases. It examines their cellular and molecular structure, physiology, metabolism, and genetics. Laboratory work introduces methods for cultivating and characterizing microorganisms. Topics will be related to global public health issues both past and present. Students are required to purchase a laboratory coat, microscope slides, safety glasses, disposable gloves and a laboratory notebook. Field trips and/or a semester project may be required.

BIOL 495 Independent Studies in Biology

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

BIOL 498 Work Experience in Biology

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Advisory: ENGL 110 or ESL 325

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

BIOL 499 Experimental Offering in Biology

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Biology - Field Studies (BIOLFS) Courses

Business

Overview

The Folsom Lake College business curriculum is designed to provide an entrance into an exciting career. Many opportunities are available that can lead to immediate employment or career advancement. FLC offers a variety of degrees and certificates to meet students' present and future needs. Whether it is one class or a step toward a degree, there are a variety of options.

Degrees and Certificates Offered

A.S.-T. in Business Administration 2.0

A.A. in Accounting

A.A. in Business Analyst/Data Analytics

A.A. in Business: General

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

A.A. in Public Management/Civil Service

A.A. in Small Business Management: Entrepreneurship

A.S. in Business Information Technology

Business Analyst Certificate

Business Information Professional II Certificate

New World of Work Certificate

Public Management/Civil Service Certificate

Small Business Management/Entrepreneurship Certificate

Business Information Professional I Certificate

Small Winery Marketing Certificate

Division Dean: Carlos Lopez

Department Chair: Jennifer Black

Phone: (916) 608-6849

Email: lopezc@flc.losrios.edu

Associate Degrees for Transfer

A.S.-T. in Business Administration 2.0

The Associate in Science in Business Administration 2.0 for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Business Administration at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) The California General Education Transfer Curriculum (CAL-GETC).Â

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A â€œPâ€ (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting	4
ACCT 311	Managerial Accounting	4
BUS 300	Introduction to Business	3
BUS 340	Business Law (3)	3
or BUS 345	Law and Society (3)	
ECON C2002	Principles of Macroeconomics	3
ECON C2001	Principles of Microeconomics	3
MATH 341	Calculus for Business and Economics (4)	4 - 5
or MATH 343	Modern Business Mathematics (4)	
or MATH 400	Calculus I (5)	
STAT C1000	Introduction to Statistics (4)	3 - 4
or ECON 310	Statistics for Business and Economics (3)	
Total Units:		**27 - 29**

The Associate in Science in Business Administration 2.0 for Transfer (AS-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- identify and explain the major functional areas of the business organizations including management, marketing, finance, and accounting.
- apply commonly used computer application programs to create relevant business documents.
- apply accounting and mathematical concepts and principles in making decisions about business operations.
- assess the relationships and interdependencies of economic, social, legal, and global environments in which businesses operate.

Career Information

Account executive, analyst, bank employee, buyer, manager, entrepreneur, financial planner, government service, insurance representative, investment counselor, public administration, purchasing agent, retail/industrial sales, stockbroker. Some options may require more than 2 years of study and additional licensing.

Associate Degrees

A.A. in Accounting

The Accounting degree is designed for students planning to seek accounting positions in business, industry, or government upon completion of two years of college study. The program also meets the needs of employed individuals seeking to learn applications of accounting theory as practiced in the field. The program provides the foundation for individuals to prepare financial statements and record business transactions for all types of business and industry. Students develop a strong knowledge base of U.S. Generally Accepted Accounting Principles (GAAP) and accounting procedures. Communication skills, teamwork, computer technology, and ethical behavior are also emphasized.

For those students interested in transferring to a four-year college or university to pursue a bachelor's degree in this major, it is critical that students meet with an FLC counselor to select and plan the courses to fulfill major requirements. Schools vary widely in terms of the required preparation. The courses that FLC require for an A.A. degree in this major may be different from the requirements needed for a Bachelor's degree.

Degree Requirements

Course Code	Course Title	Units
ACCT 103	Intermediate Accounting - Part I	4
ACCT 104	Intermediate Accounting - Part II	4
ACCT 107	Auditing	3
ACCT 111	Cost Accounting	3
ACCT 301	Financial Accounting	4
ACCT 311	Managerial Accounting	4
ACCT 341	Computerized Accounting (3)	3
or ACCT 342	Accounting Information Systems (SAP) (3)	
BUS 340	Business Law	3
ECON C2002	Principles of Macroeconomics (3)	3
BUSTEC 362	Comprehensive Electronic Spreadsheets	2
Total Units:		**33**

The Accounting Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- record, classify, summarize and report the business transactions of a company.
- prepare financial statements in conformity with accounting principles generally accepted in the United States of America.
- analyze and prepare financial information for management decision-making.
- communicate financial information effectively within a business environment
- provide management support in the budgeting, planning and decision-making processes.
- understand the role of ethics and standards of professional conduct in the accounting profession.
- integrate the principles of business, business law, taxation, and economics into accounting functions.
- apply principles of accounting to business situations and to understand other functions of business: marketing, management, finance and information processing.

Career Information

Career Opportunities: Entry-level employment opportunities include positions in accounts receivable, accounts payable, payroll, and cost accounting. Job titles include Account Clerk and Payroll Clerk. Promotional opportunities include higher-level responsibilities in these areas and the areas of general ledger, financial statement preparation, and financial statement analysis. Job titles include Senior Account Clerk, Accounting Technician, and Office Manager/Bookkeeper.

A.A. in Business Analyst/Data Analytics

The Business Analyst/Data Analytics program focuses on the skills and technical training necessary to conduct business operations analysis in order to control technical and operational budgets and to develop business strategies. The curriculum explores the use of data in decision-making, project management techniques, and the uses of databases to make business decisions.

Degree Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting	4
ACCT 311	Managerial Accounting	4
ACCT 341	Computerized Accounting (3)	3

Course Code	Course Title	Units
or ACCT 342	Accounting Information Systems (SAP) (3)	
BUS 302	Introduction to Business Analysis	3
BUS 303	Introduction to Business Data and Data Analytics	3
BUS 310	Business Communications	3
COMM C1000	Introduction to Public Speaking	3
ECON C2001	Principles of Microeconomics	3
PRJMGT 300	Introduction to Project Management	3
STAT C1000	Introduction to Statistics	4
A minimum of 3 units from the following:		3
BUS 300	Introduction to Business (3)	
BUS 304	Introduction to Business Process Integration (3)	
BUS 340	Business Law (3)	
CISC 310	Introduction to Computer Information Science (3)	
ECON C2002	Principles of Macroeconomics (3)	
MAKR 101	The Internet of Things (3)	
MGMT 362	Techniques of Management (3)	
Total Units:		**36**

The Business Analyst/Data Analytics Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- describe the process of business analysis.
- apply communication theory, effective writing techniques, and presentation skills to business situations.
- demonstrate the ability to formulate and implement a project plan given specific scenarios.
- analyze data, data analytics, and statistics to solve business problems.
- analyze and prepare financial information for management decision-making.

Career Information

Business Analyst, Staff Services Analyst, Administrative Analyst, Manager, Supervisor, Analyst Intern, and Management Analyst Assistant.

A.A. in Business: General

This program provides an overview of business fundamentals for students interested in business occupations including positions in finance, marketing, and management. The program is also recommended for general government service occupations.

Degree Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting (4)	4
BUS 300	Introduction to Business	3
BUS 310	Business Communications	3
BUS 330	Managing Diversity in the Workplace	3
BUS 345	Law and Society (3)	3
or BUS 340	Business Law (3)	
MGMT 362	Techniques of Management	3
MKT 300	Principles of Marketing	3
A minimum of 3 units from the following:		3
ECON C2002	Principles of Macroeconomics (3)	
BUS 320	Concepts in Personal Finance (3)	
ECON 320	Concepts in Personal Finance (3)	
A minimum of 3 units from the following:		3
BUSTEC 360	Word Processing Beyond the Essentials (2)	
BUSTEC 367	Database and Records Management (3)	
CISC 310	Introduction to Computer Information Science (3)	
BUSTEC 362	Comprehensive Electronic Spreadsheets (2)	
A minimum of 6 units from the following:		6
Selected from one of the following concentrations: Accounting, Business, BUSTEC, Computer Information Science, Management, Marketing, Project Management, or Real Estate.		
A minimum of 1 unit from the following:		1
BUS 498	Work Experience in Business (0.5 - 4)	
Total Units:		**35**

The Business: General Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- identify and explain the major functional areas of business organizations including management, marketing, finance, and accounting.
- develop leadership skills that are effective in managing a multicultural workforce.
- analyze practical business problems and integrate research and critical thinking to evaluate and recommend alternative solutions.
- apply accounting concepts and principles to make decisions about business operations.
- integrate management principles in relationship to finance, personnel, products, services, and information.
- communicate effectively verbally and in writing in various business settings.
- apply commonly used computer application programs to create relevant business documents.

Career Information

Career Opportunities: Account executive, analyst, bank employee, buyer, manager, entrepreneur, financial planner, government service, insurance representative, investment counselor, public administration, purchasing agent, retail/industrial sales, stockbroker. Some options may require more than 2 years of study and additional licensing.

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies in Social and Behavioral Science degree provides an interdisciplinary approach to academic studies. The purpose of the program is for students to gain an understanding of the interconnectedness of various social and behavioral sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 300	Introduction to Business (3)	
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	
BUS 345	Law and Society (3)	
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
ECON 307	Global Issues in the Political Economy (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 321	African American Policy and Law (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 331	Asian American Policy and Law (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 351	Native American Policy and Law (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	

Course Code	Course Title	Units
ETHNS 361	Chicana/o/x Latina/o/x Policy and Law (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 314	Recent United States History (3)	
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
KINES 308	Women in Sport (3)	
KINES 416	Psychology of Sport (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 390	Psychology of Death and Dying (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 300	Introduction to Social Work & Human Services (3)	
SWHS 302	Introduction to Psychology of Human Relations (3)	

Course Code	Course Title	Units
Total Units:		**18**

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

A.A. in Public Management/Civil Service

This program is designed for students interested in careers in state, county, or municipal governments and community-based nonprofit organizations. The curriculum focuses on various competency areas for those wishing either to upgrade their managerial skills or enhance their existing abilities. This program prepares students for careers in civil service. The courses in the program are transferable to the CSU system.

Degree Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting	4
ACCT 311	Managerial Accounting	4
BUS 340	Business Law	3
COMM C1000	Introduction to Public Speaking	3
ECON C2002	Principles of Macroeconomics	3
STAT C1000	Introduction to Statistics	4
Total Units:		**21**

The Public Management/Civil Service Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- provide a comprehensive introduction of the theoretical and practical field of public management.

- develop an understanding of the role of the public manager as it relates to organizational relations, leadership, ethics, fiscal management and policy-making.
- develop an understanding of the political, intergovernmental, and external environments in which public managers operate.
- enhance the students' academic writing skills for public sector employment.
- prepare students with the skills and knowledge to work in the public and nonprofit sectors.

Career Information

Program career opportunities include entry level public and non-profit agency careers including Public or Civil Service Program Analyst, Public or Civil Service Program Specialist, Public or Civil Service Program Officer, Non-Profit Agency Worker, Auditor, and Non-Profit Agency Assistant Director.

A.A. in Small Business Management: Entrepreneurship

The Small Business Management degree provides training and education for those wishing to own or manage a small entrepreneurial venture. The various elements involved in starting and operating a small business are covered.

Degree Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting (4)	4
ACCT 311	Managerial Accounting	4
BUS 300	Introduction to Business (3)	3
or BUS 350	Small Business Management/Entrepreneurship (3)	
BUS 340	Business Law (3)	3
or BUS 345	Law and Society (3)	
ECON C2002	Principles of Macroeconomics	3
ECON C2001	Principles of Microeconomics	3
MATH 343	Modern Business Mathematics (4)	4
or STAT C1000	Introduction to Statistics (4)	
A minimum of 3 units from the following:		3
BUSTEC 360	Word Processing Beyond the Essentials (2)	
BUSTEC 362	Comprehensive Electronic Spreadsheets (2)	
CISC 310	Introduction to Computer Information Science (3)	
Total Units:		27

The Small Business Management: Entrepreneurship Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate the feasibility of success when starting a new business venture.
- research and compose a business plan that can be used for planning as well as financing.
- employ appropriate management, finance, accounting, and marketing techniques required in operating a business.
- develop effective oral and written communication skills that can be applied in various business settings.
- demonstrate the ability to comprehend, apply, and evaluate standards of ethical behavior in various business settings.
- formulate original ideas and concepts in addition to integrating the ideas of others into the problem solving process.

Career Information

Career Opportunities: There are a wide array of job opportunities in business, finance, government, and other sectors for an individual with an undergraduate degree in small business management and/or entrepreneurship. There are opportunities to be a small business owner and entrepreneur. Business firms of all sizes provide employment and career opportunities including jobs in small business finance, small business marketing, and small business management. Federal, state, and local government agencies employ individuals with training in small business management and entrepreneurship to assist small businesses with government services and non-profit services.

A.S. in Business Information Technology

The Associate in Science Business Information Technology degree provides general knowledge in business and in-depth knowledge of a variety of business technology applications. Program topics include: accounting, organization and supervision of business activities, business communications, business computer applications, diversity, and intercultural communications in the workplace. The Business Information Technology A.S. degree is the final step in a stackable program consisting of the Business Information Professional I certificate, Business Information Professional II certificate, and this

degree. Students who complete this degree program will have met the requirements to earn the Business Information Professional I certificate and Business Information Professional II certificate.

Degree Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting	4
ACCT 341	Computerized Accounting	3
BUS 300	Introduction to Business	3
BUS 310	Business Communications	3
BUS 330	Managing Diversity in the Workplace	3
BUSTEC 126	Outlook: Basics	1[1]
BUSTEC 305	Introduction to Business Information Technology	3
BUSTEC 307	Computer Keyboarding and Skill Building	3
BUSTEC 309	Computer Familiarization	1[2]
BUSTEC 332	Advanced Business Applications	3
BUSTEC 360	Word Processing Beyond the Essentials	2[3]
BUSTEC 362	Comprehensive Electronic Spreadsheets	2[4]
BUSTEC 366	Electronic Presentations	2[5]
BUSTEC 370	Business Information Technology Capstone	3
COMM 325	Intercultural Communication	3[6]
A minimum of 0.5 units from the following:		0.5
BUSTEC 498	Work Experience in Business Technology (0.5 - 4)	
A minimum of 3 units from the following:		3[7]
BUS 320	Concepts in Personal Finance (3)	
BUS 340	Business Law (3)	
BUS 350	Small Business Management/Entrepreneurship (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON 320	Concepts in Personal Finance (3)	
MKT 300	Principles of Marketing (3)	
PRJMGT 300	Introduction to Project Management (3)	
Total Units:		**42.5**

[1]Substitute course, CISA 126 - Outlook: Basics, is available at American River College.

[2]Substitute course(s), CISC 300 - Computer Familiarization, is available at American River College and CISC 302 - Computer Familiarization, is available at Cosumnes River College.

[3]Substitute course, CISA 305 - Beginning Word Processing, is available at American River College and Cosumnes River College.

[4]Substitute course, CISA 315 - Introduction to Electronic Spreadsheets, is available at American River College and Cosumnes River College.

[5]Substitute course, CISA 340 - Presentation Graphics, is available at American River College and Cosumnes River College.

[6]Substitute course, BUS 312 - Workplace Behavior and Ethics, is available at American River College.

[7]Substitute courses for PRJMGT 300, MGMT 142 - Project Management Techniques and Software and CISA 160 - Project Management Techniques and Software, are available at American River College.

The Business Information Technology Associate in Science (A.S.) degree may be obtained by completion of the required program, plus the local FLC General Education Requirement, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate an understanding of major functional areas of business organizations including planning, management, marketing, and finance.
- demonstrate an understanding of accounting as an information system and how it is used by investors, creditors, and others to make decisions. Understand the recording and reporting of business transactions, generally accepted accounting principles, financial statements, and statement analysis.
- demonstrate proficiency in advanced business technology applications and employ computer applications to create relevant business documents.
- demonstrate proficiency in business administration and leadership skills needed to manage a multicultural workforce.
- demonstrate customer service skills in a business environment and skills required to deliver a positive customer service experience.
- compose effective oral and written communications in various business settings.
- research, develop, evaluate, and test possible solutions using creativity, critical thinking, and technology skills.

Career Information

Business information professionals are employed in many different industries. These middle-skill occupations require more education and training than a high school diploma but less than a four-year degree, and include positions such as customer service representatives, receptionists and information clerks, and executive secretaries and

executive administrative assistants. With an A.S. degree, the higher level opportunities include: business analysts, technical support specialists, and first-line supervisors of office and administrative support workers.

Certificates of Achievement

Business Analyst Certificate

The program content includes: customer service and stakeholder analysis, problem solving and critical thinking, the role of the business analyst, business analyst tasks, written and verbal communications, and the use of data and information in making business decisions.

Certificate Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting	4
BUS 302	Introduction to Business Analysis	3
BUS 310	Business Communications	3
MGMT 362	Techniques of Management	3
A minimum of 3 units from the following:		3
BUS 300	Introduction to Business (3)	
PRJMGT 300	Introduction to Project Management (3)	
Total Units:		**16**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- describe the process of business analysis.
- communicate effectively verbally and in writing.
- demonstrate the ability to use data and data analytics in business.

Career Information

Program career opportunities include entry level positions as an analyst intern or administrative analyst trainee.

Business Information Professional II Certificate

The Business Information Professional II (BIP II) Certificate will prepare students for mid-level office and administrative support positions in a variety of job positions in a multitude of industries, including office and executive administrative support, office supervision, small business support, retail sales, and customer service representatives. The BIP II Certificate builds on the foundation established in the BIP I certificate. Students gain needed skills in business and communication and business applications such as Access, Excel, QuickBooks, and Word. Students will also learn how to manage diversity and improve intercultural communications. Students who successfully complete the BIP II certification will be prepared to test for the Expert level certification in Microsoft Excel and Microsoft Word.

Certificate Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting	4
ACCT 341	Computerized Accounting	3
BUS 300	Introduction to Business	3
BUS 310	Business Communications	3
BUS 330	Managing Diversity in the Workplace	3
BUSTEC 332	Advanced Business Applications	3
COMM 325	Intercultural Communication	3[1]
A minimum of 0.5 units from the following:		0.5[2]
BUSTEC 498	Work Experience in Business Technology (0.5 - 4)	
Total Units:		**22.5**

[1]Substitute course, BUS 312 - Workplace Behavior and Ethics, is available at American River College.

[2]Students who have earned a BIP I certificate need to repeat BUSTEC 498.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate proficiency in advanced business technology applications.
- demonstrate proficiency in business administration and leadership skills needed to manage a multicultural workforce.
- demonstrate proficiency in business communication and understand the complexities of intercultural communications.
- demonstrate customer service skills in a business environment and provide a positive customer service experience.

Career Information

According to the Center of Excellence labor market data, business information professional jobs are projected to have an increase in annual openings in the North (Greater Sacramento) subregion. These middle-skill occupations require more education and training beyond a high school diploma but less than a four-year degree, and include positions such as first-line supervisors of office and administrative

support workers, customer service representatives, receptionists and information clerks, and executive secretaries and executive administrative assistants.

New World of Work Certificate

This program contains the skills and knowledge new entrants to the workforce need in preparation for entry-level, non-management, positions in both the private and public sectors.

Certificate Requirements

Course Code	Course Title	Units
BUS 300	Introduction to Business (3)	3
or MGMT 310	Introduction to Public Management (3)	
BUS 310	Business Communications (3)	3
or COMM 341	Organizational Communication (3)	
HCD 330	Life and Career Planning	1
HCD 345	21st Century Workplace Skills	1
BUS 302	Introduction to Business Analysis	3
A minimum of 3 units from the following:		3
ACCT 301	Financial Accounting (4)	
BUS 340	Business Law (3)	
ECON C2002	Principles of Macroeconomics (3)	
PRJMGT 300	Introduction to Project Management (3)	
CISC 310	Introduction to Computer Information Science (3)	
A minimum of 3 units from the following:		3
BUS 498	Work Experience in Business (0.5 - 4)	
MGMT 498	Work Experience in Management (0.5 - 4)	
Total Units:		**17**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- resolve issues in a positive way utilizing problem solving skills.
- demonstrate the ability to collaborate with diverse groups virtually and within a global context.
- communicate effectively verbally and in writing.
- research using a variety of tools including online resources.
- identify their own transferable skills and strengths that can be applied to work situations.
- assess the needs and challenges of their customers and coworkers in the development of new solutions and services.
- identify the role and responsibilities of the major functional areas of businesses and organizations including planning, management, marketing, human resources, operations, legal issues and accounting and finance

Career Information

Completion of this program will lead to opportunities for careers in entry level business, non-profit organizations, and public agencies.

Public Management/Civil Service Certificate

This program is designed for students interested in careers in state, county, or municipal governments and community based non-profit organizations. The curriculum focuses on various competency areas for those wishing either to upgrade their managerial skills or enhance their existing abilities. This program prepares students entering Civil Service careers.

Certificate Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting (4)	4
ACCT 311	Managerial Accounting	4
BUS 300	Introduction to Business	3
MGMT 362	Techniques of Management	3
A minimum of 3 units from the following:		3
MGMT 372	Human Relations and Organizational Behavior (3)	
POLS C1000	American Government and Politics (3)	
PRJMGT 300	Introduction to Project Management (3)	
MGMT 498	Work Experience in Management (0.5 - 4)	
Total Units:		**17**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- identify the various types of public and Civil Service agencies; their administrative structures, lines of authority, roles and accountability.
- define the various levels, roles and concepts, and functions of public management and Civil Service.
- describe the political, intergovernmental and environmental, and ethical impacts facing public managers.
- distinguish the various federal, state and local fiscal planning cycles and their implications for policy making and program evaluation.

- review the development and management of government budgets, including budget formats, budget cycles, budget processes, operating budgets, analysis of revenue and expenditures, related expenditure controls, and cash management and accounting.

Career Information

Program career opportunities include entry level public and non-profit agency careers including Public or Civil Service Program Analyst, Public or Civil Service Program Specialist, Public or Civil Service Program Officer, Non-Profit Agency Worker, Auditor, and Non-Profit Agency Assistant Director.

Small Business Management/Entrepreneurship Certificate

This certificate is designed for existing and potential entrepreneurs. It provides an organized course of study that enables students to develop their entrepreneurial skills, recognize opportunities, and learn the basics of starting and managing a small business.

Certificate Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting	4
BUS 300	Introduction to Business (3)	3
or BUS 350	Small Business Management/Entrepreneurship (3)	
BUS 302	Introduction to Business Analysis	3
BUS 330	Managing Diversity in the Workplace	3
ECON C2001	Principles of Microeconomics	3
MGMT 362	Techniques of Management	3
Total Units:		**19**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- create a business plan that covers all facets of operating a business.
- organize and manage the different business functions necessary for ongoing operations.
- appraise and evaluate business opportunities.

Career Information

Career Opportunities: There are a wide array of job opportunities in business, finance, government, and other sectors for an individual with an undergraduate degree in small business management and/or entrepreneurship. There are opportunities to be a small business owner and entrepreneur. Business firms of all sizes provide employment and career opportunities including jobs in small business finance, small business marketing, and small business management. Federal, state, and local government agencies employ individuals with training in small business management and entrepreneurship to assist small businesses with government services and non-profit services.

Certificates

Business Information Professional I Certificate

The Business Information Professional I Certificate prepares students for entry-level office, computer, and administrative support positions in a variety of industries. This certification includes courses in: oral and written business communications; computer application skills, including beginning Excel, Word, and Outlook; the fundamentals of computer systems; and critical thinking and problem solving. This certificate is a collaborative certificate and courses are available at multiple colleges. Students can reference the required course list to find more information regarding the courses available at each college. This certificate can be completed 100% online.

Certificate Requirements

Course Code	Course Title	Units
ENGL C1000	Academic Reading and Writing (3)	3
or BUS 100	English for the Professional (3)	
MATH 300	Introduction to Mathematical Ideas (3)	3[1]
BUSTEC 126	Outlook: Basics	1[2]
BUSTEC 305	Introduction to Business Information Technology	3
BUSTEC 307	Computer Keyboarding and Skill Building	3
BUSTEC 309	Computer Familiarization	1[3]
BUSTEC 360	Word Processing Beyond the Essentials	2[4]
BUSTEC 362	Comprehensive Electronic Spreadsheets	2[5]
BUSTEC 366	Electronic Presentations	2[6]
A minimum of 0.5 units from the following:		0.5
BUSTEC 498	Work Experience in Business Technology (0.5 - 4)	
Total Units:		**20.5**

[1]Substitute course, BUS 105 - Business Mathematics, is available at American River College and Cosumnes River College.

[2]Substitute course, CISA 126 - Outlook: Basics, is available at American River College.

[3]Substitute course(s), CISC 300 - Computer Familiarization, is available at American River College and CISC 302 - Computer Familiarization, is available at Cosumnes River College.

[4]Substitute course, CISA 305 - Beginning Word Processing, is available at American River College and Cosumnes River College.

[5]Substitute course, CISA 315 - Introduction to Electronic Spreadsheets, is available at American River College and Cosumnes River College.

[6]Substitute course, CISA 340 - Presentation Graphics, is available at American River College and Cosumnes River College.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate proficiency in business technology applications.
- demonstrate proficiency in business administration skills.
- demonstrate proficiency in business communication skills.
- apply customer service skills in a business environment and provide a positive customer service experience.

Career Information

Students who successfully complete the Business Information Professional Certificate are prepared for entry-level positions in office, computer, and administrative support positions in a variety of industries.

Small Winery Marketing Certificate

The program offers comprehensive marketing and management training and workforce development to wine growers, vintners and tasting room operators in the El Dorado and Amador wine areas.

Certificate Requirements

Course Code	Course Title	Units
BUSTEC 332	Advanced Business Applications	3
MKT 300	Principles of Marketing	3
VITI 304	Wine Component Tasting, Hospitality and Service, and Food Pairing	3
VITI 306	Wines of California (1.5)	1.5
VITI 307	Wines of the Sierra Foothills	1.5
A minimum of 2 units from the following:		2
WEXP 498	Work Experience in (Subject) (0.5 - 4)	
BUSTEC 362	Comprehensive Electronic Spreadsheets	2
Total Units:		**16**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- record, classify, summarize and report the business transactions of an organization.
- develop a comprehensive winery marketing plan.
- evaluate the benefits of using a variety of marketing tools including advertising, publicity, social media marketing and customer relationship marketing.
- identify marketing techniques used to create high velocity sales including online tools, social marketing and customer relationship marketing tools.

Career Information

Winery tasting room coordinator Winery social marketing associate Winery event coordinator Winery customer relationship specialist

Business (BUS) Courses

BUS 100 English for the Professional

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

This course is designed to prepare the student for business communication. It presents principles of correct and effective English usage as applied in business. The course focuses on skills and techniques of effective business written communication including appropriate sentence structure, word usage, punctuation, spelling, business vocabulary, and business document formatting. Critical thinking and effective writing techniques are emphasized. This course focuses on teaching students the ability to analyze, compose, and organize written communication into effective business documents. Proofreading skills are stressed throughout the course. This course is required of all business technology majors and recommended for all business majors.

BUS 295 Independent Studies in Business

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

BUS 299 Experimental Offering in Business

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

BUS 300 Introduction to Business

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: BUS 300 and BUS 330 combined: maximum credit, one course)

General Education: Local GE L4

C-ID: C-ID BUS 110

This course provides a survey of various business areas, including accounting, regulation, negotiation, ethics, information technology, management, marketing, global competition, economics, finance, environmental factors, implementation, communications, leadership, and business planning. The course is designed to be taken by all beginning students interested in business.

BUS 302 Introduction to Business Analysis

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

Business analysis includes the practical skills to increase organizational efficiency and effectiveness through business process improvement. This course teaches the essential business skills needed to implement activities and processes that solve basic business problems through the analysis of business data and information. Students will learn the basics of problem solving, analysis of data and information, and basic business mathematic equations, in order to improve business operations.

BUS 303 Introduction to Business Data and Data Analytics

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

This course provides an introduction to the core concepts in data and information management. It is centered around the core skills of identifying organizational information requirements used to make business and management decisions. This course covers the fundamental database design, structures, and management systems. The course includes instruction in simple query language to build equity-relationship diagrams, a study of data modeling and relational operations to provide management information solutions.

BUS 304 Introduction to Business Process Integration

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ACCT 301

Transferable: CSU

This course provides an introduction to business process integration through an Enterprise Resource Planning (ERP) system. Key business processes including procurement, fulfillment, production, warehouse management, and material planning will be discussed. With hands-on practice, students will learn how to execute key business processes, understand the integrated nature of the processes, and their impact on financial accounting and inventory in the ERP system.

BUS 310 Business Communications

Units: 3

Hours: 54 hours LEC

Prerequisite: Eligibility for ENGWR 300

Advisory: Ability to key 30 or more words a minute and use a current office-level word processing program.

Transferable: CSU

General Education: Local GE L1A

This course applies the theory and principles of ethical and effective written and oral communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes planning, organizing, composing, and revising business documents and creating and delivering professional-level oral reports using word processing software and presentation software. Analytical skills are used to plan, organize, compose, critique, and revise letters, memos, emails, and reports. Messages are broken into their component parts for a critical analysis of organization, content, style, tone, grammar, format, and appearance. Students conduct primary and secondary research to draw conclusions and make recommendations. A formal analytical research paper using APA or MLA style citations and graphics is required. The results of the formal research paper are presented in an oral presentation using presentation software.

BUS 320 Concepts in Personal Finance

Same As: ECON 320

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Local GE L7B

This course is designed to assist individuals in analyzing their financial affairs. Elements and conceptual basis of financial planning, analysis, and decision making in areas of budgeting, taxes, borrowing, money management, insurance, investments, and retirement will be examined with an emphasis on principles to develop students' economic decision making. Students will be using mathematical concepts as well as reading and interpreting written and oral instructions. This course is not open to students who have received credit for ECON 320.

BUS 330 Managing Diversity in the Workplace

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: BUS 300 and BUS 330 combined: maximum credit, one course.)

General Education: Local GE L4; Cal-GETC Area 4

This course examines the leadership skills and abilities needed to manage a multicultural workforce. A primary focus is placed upon the workplace impact of various historical, social, and cultural experiences/ perspectives related to gender, age, ethnicity, race, and disability. Workforce issues related to the diversity of the American consumers' and global consumers' impact on the United States are analyzed.

BUS 340 Business Law

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC (BUS 340 and 341: maximum credit, one course)

C-ID: C-ID BUS 125

This course is an introduction to law as it relates to business. The course covers the American legal system as an instrument of economic, social, and political control. It stresses basic business torts, crime and business, agency, employment, and the legal structures of business. Students may be required to subscribe to the weekly (M-F) edition of a general circulation newspaper.

BUS 345 Law and Society

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID BUS 120; C-ID LPPS 110

This course is an introduction to the American legal system emphasizing the nature, purpose, sources, and functions of American law but including some comparative analysis of other historical and contemporary legal systems. It stresses the evolution of legal concepts as a reflection of the social environment and the role of the judiciary in establishing social policy. Students may be required to subscribe to a daily newspaper and to bring the paper to class.

BUS 350 Small Business Management/ Entrepreneurship

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This class provides an overview of the various elements involved in starting and operating a small business. It introduces such topics as developing a business plan, finding financial resources, developing personal and business goals, meeting legal requirements, understanding marketing concepts, and other topics of interest to the entrepreneur.

BUS 355 Introduction to Global Entrepreneurship

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This course provides an introduction to the various elements involved in the development of new global small businesses and the expansion of existing business to a global level. The course introduces topics including: successful traits of a global entrepreneur, the entrepreneur's role in the global economy, the basics of exporting, economic considerations in global business, sources of international marketing data, and international business relations across cultures. Emphasis will be placed on the principle concepts of global entrepreneurship.

BUS 356 Global Business Operations

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This class provides an overview of the necessary training to manage global business operations. The course will focus on strategies to effectively operate within differing cultures, following an efficient distribution plan, developing and achieving business goals, political and technological issues on a global scale, and other topics of interest to future participants in the global marketplace. Emphasis will be placed on operations which must be in place to foster global trade and exporting including logistics, trade regulations, economic considerations, and marketing.

BUS 357 Entrepreneurship, Innovation, and New Enterprise Development

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This course explores the processes used by entrepreneurs to develop new innovative products and services. The course will provide an introduction to the tools, processes, and insights that are used to create, new innovative products for both domestic and foreign markets. Course topics include new business concept development, the role of entrepreneurship, innovation and technology in new venture development, the importance of intellectual property rights and protection, sources of capital and financing, market analysis and strategy, and business planning.

BUS 490 Individualized Projects in Business

Units: 1 - 4

Hours: 9 - 36 hours LEC; 27 - 108 hours LAB

Prerequisite: None.

Advisory: At least two semesters of successful work leading to an Associate Degree or Certificate in Accounting, Business, Computer Information Science, Finance, Management, Marketing, Office Administration or other related field.

Transferable: CSU

This course is designed to help the student focus skills previously learned in an area of business. The student, with the help of the instructor, will produce a project that utilizes a variety of skills. The student will describe a problem, plan a process to arrive at a solution, work with the instructor to secure those resources necessary to complete the project, submit progress reports on a regular basis, and present a finished product. This class may be required for some degrees or certificates.

BUS 495 Independent Studies in Business

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Transferable: CSU

BUS 498 Work Experience in Business

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

BUS 499 Experimental Offering in Business

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Business Technology

Overview

Folsom Lake College's business technology curriculum is designed to provide an entry point into an ever changing, exciting career. Many opportunities are available that can lead to immediate employment or career advancement. Whether students take one class or a step toward a degree, business technology is applicable in all industries.

The business technology curriculum is designed to provide students with information technology skills used in today's business environment. Students also receive an education in the major areas of business that are aligned with respective technology skills. Students in the program learn critical thinking, problem solving, how to use business software, and the procedures utilized in electronic workspaces.

The administration and management of today's business and government organizations rely heavily upon information technology for the efficient achievement of goals. The collection, storage, and retrieval of data by computers is involved in the wide range of business activities including daily operations, management decision making, and long-range planning. As the dependence on information technology grows, so does the need for information technology specialists.

Degrees and Certificates Offered

A.S. in Business Information Technology

Business Information Professional II Certificate

Business Information Professional I Certificate

Division Dean: John Skellenger

Department Chair: Elizabeth Swithenbank

Phone: (916) 608-6927

Email: skellej@flc.losrios.edu

Associate Degree

A.S. in Business Information Technology

The Associate in Science Business Information Technology degree provides general knowledge in business and in-depth knowledge of a variety of business technology applications. Program topics include: accounting, organization and supervision of business activities, business communications, business computer applications, diversity, and intercultural communications in the workplace. The Business Information Technology A.S. degree is the final step in a stackable program consisting of the Business Information Professional I certificate, Business Information Professional II certificate, and this degree. Students who complete this degree program will have met the requirements to earn the Business Information Professional I certificate and Business Information Professional II certificate.

Degree Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting	4

Course Code	Course Title	Units
ACCT 341	Computerized Accounting	3
BUS 300	Introduction to Business	3
BUS 310	Business Communications	3
BUS 330	Managing Diversity in the Workplace	3
BUSTEC 126	Outlook: Basics	1[1]
BUSTEC 305	Introduction to Business Information Technology	3
BUSTEC 307	Computer Keyboarding and Skill Building	3
BUSTEC 309	Computer Familiarization	1[2]
BUSTEC 332	Advanced Business Applications	3
BUSTEC 360	Word Processing Beyond the Essentials	2[3]
BUSTEC 362	Comprehensive Electronic Spreadsheets	2[4]
BUSTEC 366	Electronic Presentations	2[5]
BUSTEC 370	Business Information Technology Capstone	3
COMM 325	Intercultural Communication	3[6]
A minimum of 0.5 units from the following:		0.5
BUSTEC 498	Work Experience in Business Technology (0.5 - 4)	
A minimum of 3 units from the following:		3[7]
BUS 320	Concepts in Personal Finance (3)	
BUS 340	Business Law (3)	
BUS 350	Small Business Management/Entrepreneurship (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON 320	Concepts in Personal Finance (3)	
MKT 300	Principles of Marketing (3)	
PRJMGT 300	Introduction to Project Management (3)	
Total Units:		**42.5**

[1]Substitute course, CISA 126 - Outlook: Basics, is available at American River College.

[2]Substitute course(s), CISC 300 - Computer Familiarization, is available at American River College and CISC 302 - Computer Familiarization, is available at Cosumnes River College.

[3]Substitute course, CISA 305 - Beginning Word Processing, is available at American River College and Cosumnes River College.

[4]Substitute course, CISA 315 - Introduction to Electronic Spreadsheets, is available at American River College and Cosumnes River College.

[5]Substitute course, CISA 340 - Presentation Graphics, is available at American River College and Cosumnes River College.

[6]Substitute course, BUS 312 - Workplace Behavior and Ethics, is available at American River College.

[7]Substitute courses for PRJMGT 300, MGMT 142 - Project Management Techniques and Software and CISA 160 - Project Management Techniques and Software, are available at American River College.

The Business Information Technology Associate in Science (A.S.) degree may be obtained by completion of the required program, plus the local FLC General Education Requirement, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate an understanding of major functional areas of business organizations including planning, management, marketing, and finance.
- demonstrate an understanding of accounting as an information system and how it is used by investors, creditors, and others to make decisions. Understand the recording and reporting of business transactions, generally accepted accounting principles, financial statements, and statement analysis.
- demonstrate proficiency in advanced business technology applications and employ computer applications to create relevant business documents.
- demonstrate proficiency in business administration and leadership skills needed to manage a multicultural workforce.
- demonstrate customer service skills in a business environment and skills required to deliver a positive customer service experience.
- compose effective oral and written communications in various business settings.
- research, develop, evaluate, and test possible solutions using creativity, critical thinking, and technology skills.

Career Information

Business information professionals are employed in many different industries. These middle-skill occupations require more education and training than a high school diploma but less than a four-year degree, and include positions such as customer service representatives, receptionists and information clerks, and executive secretaries and executive administrative assistants. With an A.S. degree, the higher level opportunities include: business analysts, technical support specialists, and first-line supervisors of office and administrative support workers.

Certificate of Achievement

Business Information Professional II Certificate

The Business Information Professional II (BIP II) Certificate will prepare students for mid-level office and administrative support positions in a variety of job positions in a multitude of industries, including office and executive administrative support, office supervision, small business support, retail sales, and customer service representatives. The BIP II Certificate builds on the foundation established in the BIP I certificate. Students gain needed skills in business and communication and business applications such as Access, Excel, QuickBooks, and Word. Students will also learn how to manage diversity and improve intercultural communications. Students who successfully complete the BIP II certification will be prepared to test for the Expert level certification in Microsoft Excel and Microsoft Word.

Certificate Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting	4
ACCT 341	Computerized Accounting	3
BUS 300	Introduction to Business	3
BUS 310	Business Communications	3
BUS 330	Managing Diversity in the Workplace	3
BUSTEC 332	Advanced Business Applications	3
COMM 325	Intercultural Communication	3[1]
A minimum of 0.5 units from the following:		0.5[2]
BUSTEC 498	Work Experience in Business Technology (0.5 - 4)	
Total Units:		**22.5**

[1]Substitute course, BUS 312 - Workplace Behavior and Ethics, is available at American River College.

[2]Students who have earned a BIP I certificate need to repeat BUSTEC 498.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate proficiency in advanced business technology applications.
- demonstrate proficiency in business administration and leadership skills needed to manage a multicultural workforce.
- demonstrate proficiency in business communication and understand the complexities of intercultural communications.
- demonstrate customer service skills in a business environment and provide a positive customer service experience.

Career Information

According to the Center of Excellence labor market data, business information professional jobs are projected to have an increase in annual openings in the North (Greater Sacramento) subregion. These middle-skill occupations require more education and training beyond a high school diploma but less than a four-year degree, and include positions such as first-line supervisors of office and administrative support workers, customer service representatives, receptionists and information clerks, and executive secretaries and executive administrative assistants.

Certificate

Business Information Professional I Certificate

The Business Information Professional I Certificate prepares students for entry-level office, computer, and administrative support positions in a variety of industries. This certification includes courses in: oral and written business communications; computer application skills, including beginning Excel, Word, and Outlook; the fundamentals of computer systems; and critical thinking and problem solving. This certificate is a collaborative certificate and courses are available at multiple colleges. Students can reference the required course list to find more information regarding the courses available at each college. This certificate can be completed 100% online.

Certificate Requirements

Course Code	Course Title	Units
ENGL C1000	Academic Reading and Writing (3)	3
or BUS 100	English for the Professional (3)	
MATH 300	Introduction to Mathematical Ideas (3)	3[1]
BUSTEC 126	Outlook: Basics	1[2]
BUSTEC 305	Introduction to Business Information Technology	3
BUSTEC 307	Computer Keyboarding and Skill Building	3
BUSTEC 309	Computer Familiarization	1[3]
BUSTEC 360	Word Processing Beyond the Essentials	2[4]
BUSTEC 362	Comprehensive Electronic Spreadsheets	2[5]
BUSTEC 366	Electronic Presentations	2[6]
A minimum of 0.5 units from the following:		0.5
BUSTEC 498	Work Experience in Business Technology (0.5 - 4)	
Total Units:		**20.5**

[1]Substitute course, BUS 105 - Business Mathematics, is available at American River College and Cosumnes River College.

[2]Substitute course, CISA 126 - Outlook: Basics, is available at American River College.

[3]Substitute course(s), CISC 300 - Computer Familiarization, is available at American River College and CISC 302 - Computer Familiarization, is available at Cosumnes River College.

[4]Substitute course, CISA 305 - Beginning Word Processing, is available at American River College and Cosumnes River College.

[5]Substitute course, CISA 315 - Introduction to Electronic Spreadsheets, is available at American River College and Cosumnes River College.

[6]Substitute course, CISA 340 - Presentation Graphics, is available at American River College and Cosumnes River College.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate proficiency in business technology applications.
- demonstrate proficiency in business administration skills.
- demonstrate proficiency in business communication skills.
- apply customer service skills in a business environment and provide a positive customer service experience.

Career Information

Students who successfully complete the Business Information Professional Certificate are prepared for entry-level positions in office, computer, and administrative support positions in a variety of industries.

Business Technology (BUSTEC) Courses

BUSTEC 126 Outlook: Basics

Units: 1

Hours: 18 hours LEC

Prerequisite: None.

Advisory: BUSTEC 360

C-ID: C-ID BSOT 106X

This course introduces Microsoft Outlook, the industry-leading personal information management software. Topics include understanding and navigating the Outlook environment, managing Outlook settings and processes, managing messages, managing schedules, and managing contacts and tasks. This comprehensive course prepares students to take the Microsoft Office Specialist Outlook Associate certification exam.

BUSTEC 299 Experimental Offering in Business Technology

Units: 0.5 - 4

Hours: 54 hours LEC

Prerequisite: None.

This course is designed to provide training needed for today's workforce. This course teaches skills that employers from across the nation have identified as the key skills workers must master for businesses to increase their competitiveness. These eight categories include: navigating technology at work, time management, organization skills, effective listening, valuing diversity, interpersonal communications, value-added service, and using creativity and innovation. This course utilizes skill building activities including role playing and critical thinking to teach these valuable skills.

BUSTEC 305 Introduction to Business Information Technology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

C-ID: C-ID BSOT 100X

This course prepares business professionals to use office systems, technologies, and sustainable procedures to support today's digital work environments. Topics include the use of business-related hardware and software, business communication, electronic calendars, project management, records management, business document preparation, cloud-based applications, information storage, and team collaboration. Critical thinking, problem-solving, administrative procedures, and information processing technologies are used to complete assignments and activities applicable in a business environment. Skills learned in this course provide a foundation in information and communications technology used in administrative, business, and management positions. This course is not open to students who have previously taken BUSTEC 110.

BUSTEC 307 Computer Keyboarding and Skill Building

Units: 3

Hours: 44 hours LEC; 30 hours LAB

Prerequisite: None.

Advisory: BUSTEC 309

Transferable: CSU

C-ID: C-ID BSOT 110X; C-ID BSOT 120X

This intensive introductory computer-keyboard course emphasizes operating alphabetic, numeric, and symbol keys by touch. It includes computer-keyboarding techniques, speed-and-accuracy development, proofreading proficiency, and the use of essential computer-keyboarding information. Students will need access to a computer, the Internet, and an active Los Rios email account.

BUSTEC 309 Computer Familiarization

Units: 1

Hours: 18 hours LEC; 18 hours LAB

Prerequisite: None.

Transferable: CSU

C-ID: C-ID BSOT 105X

This is an introductory course to provide general knowledge on topics such as how computers work, computer terminology, and the impact of computers on society and the work environment. Beginning level hands-on instruction using an operating system, word processing software, spreadsheet software, and the Internet will be emphasized. Students will be reading and interpreting written and oral instructions of a technical nature. Students with limited computer knowledge should take this course in-class, not on-line. Students should have access to a computer with internet and an active Los Rios e-mail account. They should have computer media to store data files such as a USB drive. This course is not open to students who have previously taken CISC 300.

BUSTEC 331 Exploring Computer Environments and the Internet

Units: 1

Hours: 18 hours LEC; 18 hours LAB

Prerequisite: None.

Transferable: CSU

The course focuses on the most common hardware components used in personal computers, file management, and the Internet. Topics include the basic components of a computer system, file management principles, and Internet fundamentals. Students should have access to a computer, Internet and active Los Rios e-mail account.

BUSTEC 332 Advanced Business Applications

Units: 3

Hours: 54 hours LEC

Prerequisite: BUSTEC 360 and 362 with grades of "C" or better

Transferable: CSU

This course is an advanced business application course focusing on document processing, spreadsheets, and databases. In this course students will learn to use advanced software application features including: templates, macros, custom fields, pivot tables and charts, mail merge, and logical operations and functions. Hands-on business projects are based on current office systems and incorporate problem-solving skills and real world business simulations. Successful completion of BUSTEC 332 prepares students to take the Microsoft Office Specialist Excel Expert certification exam and the Microsoft Office Specialist Word Expert certification exam.

BUSTEC 360 Word Processing Beyond the Essentials

Units: 2

Hours: 30 hours LEC; 18 hours LAB

Prerequisite: None.

Advisory: BUSTEC 307 and 309

Transferable: CSU

C-ID: C-ID BSOT 121X; C-ID BSOT 111X

This course is designed to provide industry entry-level competency in word processing. In this course students will learn word processing operations: creating, editing, formatting, saving, retrieving, and printing text documents. In addition, this course will provide students with a competency in managing documents, inserting and formatting text, paragraphs, and sections, managing tables and lists, creating and managing references, inserting and formatting graphic elements, and document collaboration. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Students must have an active Los Rios e-mail account. This comprehensive course prepares students to take the Microsoft Office Specialist Word Associate certification exam.

BUSTEC 362 Comprehensive Electronic Spreadsheets

Units: 2

Hours: 36 hours LEC; 36 hours LAB

Prerequisite: None.

Advisory: BUSTEC 309 with a grade of "C" or better

Transferable: CSU

C-ID: C-ID BSOT 112X; C-ID BSOT 122X

This is a comprehensive electronic spreadsheet course taught using Microsoft Excel. Upon completion of this course students will be able to manage worksheets and workbooks, manage data cells and ranges, manage tables and table data, perform operations by using formulas and functions, and manage charts and graphics. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Students must have an active Los Rios email account. This course is not open to students who have taken BUSTEC 364. Successful completion of BUSTEC 362 prepares students to take the Microsoft Office Specialist Excel Associate certification exam.

BUSTEC 366 Electronic Presentations

Units: 2

Hours: 31 hours LEC; 15 hours LAB

Prerequisite: None.

Transferable: CSU

C-ID: C-ID BSOT 114X; C-ID BSOT 124X

This course teaches students how to create and manage presentations, insert and format shapes and slides, create slide content, apply transitions and animations and manage multiple presentations. Upon completion, students will have electronic presentation competency at industry entry-level and will be able to create professional-grade sales presentations, employee training, instructional materials, and kiosk slideshows. This comprehensive course prepares students for the Microsoft Office Specialist PowerPoint Associate certification exam.

BUSTEC 367 Database and Records Management

Units: 3

Hours: 42 hours LEC; 36 hours LAB

Prerequisite: None.

Transferable: CSU

C-ID: C-ID BSOT 113X; C-ID BSOT 123X; C-ID BSOT 133X

This course introduces database management systems. Using the Microsoft Access application, students will design and implement practical database applications. Topics include such items as database and report design, data views and queries, and data maintenance. Students will also learn about the rules that have been established by the Association of Records Managers and Administrators (ARMA), and how those rules are applied in real-world contexts. Principles and practices of effective records management for indexing, storage, and maintenance of various types of records are explored. This comprehensive course prepares students to take the Microsoft Office Specialist Access Expert certification exam. This course is not open to students who have previously completed CISA 320 or CISA 321.

BUSTEC 370 Business Information Technology Capstone

Units: 3

Hours: 54 hours LEC

Prerequisite: BUSTEC 305, 360, and 362 with grades of "C" or better

Advisory: ENGL C1000, ENGL C1000H, ESLW 340, and MATH 300

Transferable: CSU

The Business Information Technology Capstone course serves as the culminating experience for students in the field of business information technology. Building upon foundational knowledge acquired throughout their academic journey, this course integrates theoretical concepts with practical applications to prepare students for real-world challenges in the rapidly evolving business landscape.

BUSTEC 498 Work Experience in Business Technology

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

BUSTEC 499 Experimental Offering in Business Technology

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

BUSTEC 9011 Microsoft Word Software Skills

Units: 0

Hours: 18 hours LEC

Prerequisite: None.

Enrollment Limitation: None.

This non-credit course is designed for beginning Microsoft Word users and focuses on building practical, job-ready word processing skills that can help students qualify for entry-level jobs in offices, schools, businesses, and customer service settings. Students will learn how to create, edit, format, save, retrieve, and print documents. The course also introduces core document skills such as working with text and paragraphs, page layout basics, simple tables and lists, inserting and formatting images. Students should have access to Microsoft Word software and reliable Internet. This course provides an introduction to Microsoft Word and may support preparation for the Microsoft Office Specialist (MOS) Word Associate certification exam. Students should expect to complete approximately 18 hours of classroom work plus homework assignments to successfully finish the course. This non-credit course is not degree-applicable or transferable.

BUSTEC 9012 Microsoft Excel Software Skills

Units: 0

Hours: 18 hours LEC

Prerequisite: None.

Enrollment Limitation: None.

This non-credit course is designed for beginning Microsoft Excel users and focuses on building practical, job-ready spreadsheet skills that can help students qualify for entry-level jobs in offices, schools, businesses, and customer service settings. Students will learn how to create, edit, format, save, retrieve, and print spreadsheets, as well as organize data using worksheets and workbooks. The course introduces core Excel skills such as entering and cleaning up data, formatting cells, rows, and columns, using basic formulas and functions (such as SUM, AVERAGE, MIN, MAX, and COUNT), creating simple charts, sorting and filtering lists, and setting up worksheets for professional printing. Students should have access to a computer with Microsoft Excel and reliable Internet. This course provides an introduction to Microsoft Excel and may support preparation for the Microsoft Office Specialist (MOS) Excel Associate certification exam. Students should expect to complete approximately 18 hours of classroom work plus homework to successfully finish the course. This non-credit course is not degree-applicable or transferable.

Chemistry

Overview

Recommended Chemistry Course Pathway Based on Major (PDF) (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/list-of-programs/flc/main/doc/instruction/chemistry/flc-chemistry-pathway.pdf)

CHEM 300, 305, and 400 Prerequisite Information (PDF) (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/list-of-programs/flc/main/doc/instruction/chemistry/FLC-CHEM-Prereq-Chart.pdf)

The chemistry curriculum at Folsom Lake College consists of:

- A series of chemistry courses designed to meet transfer requirements for physical and biological science majors and allied health majors.
- A series of courses intended for students majoring in fields other than chemistry, biology, or physical science seeking to fulfill general education science requirements.
- An entry level course that provides preparation or review of more basic concepts.

All chemistry courses at FLC include a practical component where students conduct hands-on chemical experimentation in a modern, well-equipped laboratory.

SAFETY NOTICE:
All chemistry students are required to wear complete leg coverings (pants, sweats, or scrubs with a high percentage of cotton preferred) and closed-toe shoes at all times in the chemistry laboratory. Students are also required to wear laboratory coats (high percentage of cotton preferred) and indirect-vent safety goggles (safety glasses are not acceptable) while working with chemicals in the laboratory.

Note: Construction is currently underway on Folsom Lake College's new Science Building at the main campus. Upon completion, the 75,000 gross sq. ft. instructional building, which will be named Oak Hall, will be the largest science facility within the Los Rios Community College District and will house six Biology labs, six Chemistry labs, and a 4,000 sq. ft. Science Center.

Learn More About the Science Building (https://flc.losrios.edu/about-us/our-facilities/science-building)

Degrees Offered

A.A. in Interdisciplinary Studies: Math and Science

Division Dean: Dr. Lorena Navarro

Department Chair: Dr. Ami Rose

Phone: (916) 608-6615

Email: NavarrL@flc.losrios.edu

Associate Degree

A.A. in Interdisciplinary Studies: Math and Science

The Interdisciplinary Studies degree is designed for students who wish to obtain a broad knowledge of mathematics and the sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis in" Math and Science. These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of the world's civilizations. Possible majors at a four-year institution include, but are not limited to: mathematics, biology, chemistry, and physical science.

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
ANTH 300	Biological Anthropology (3)	
ANTH 301	Biological Anthropology Laboratory (1)	
ANTH 303	Introduction to Forensic Anthropology (3)	
ASTR C1001	Introduction to Astronomy (3)	
ASTR 310	The Solar System (3)	
ASTR 320	Stars, Galaxies, and Cosmology (3)	
ASTR C1001L	Introduction to Astronomy Lab (1)	
BIOL 300	The Foundations of Biology (3)	
BIOL C1000	Introduction to Biology with Lab (4)	
BIOL 310	General Biology (4)	
BIOL 323	Plants and People (4)	
BIOL 342	The New Plagues: New and Ancient Infectious Diseases Threatening World Health (3)	
BIOL 350	Environmental Biology (3)	
BIOL 370	Marine Biology (4)	
BIOL 400	Principles of Biology (5)	
BIOL 410	Principles of Botany (5)	
or BIOL 411	Plant Science (4)	
BIOL 420	Principles of Zoology (5)	

Course Code	Course Title	Units
BIOL 430	Anatomy and Physiology (5)	
BIOL 431	Anatomy and Physiology (5)	
BIOL 440	General Microbiology (4)	
BIOL 442	General Microbiology and Public Health (5)	
CHEM 300	Beginning Chemistry (4)	
CHEM 305	Introduction to Chemistry (5)	
CHEM 337	Brewing and Beer Chemistry (4)	
CHEM 339	Introduction to Fermentation Chemistry (4)	
CHEM 400	General Chemistry I (5)	
CHEM 401	General Chemistry II (5)	
CHEM 410	Quantitative Analysis (5)	
CHEM 420	Organic Chemistry I (5)	
CHEM 421	Organic Chemistry II (5)	
CISC 311	Survey of Modern Computer Languages (3)	
CISD 351	Data Science Foundations (4)	
CISP 300	Algorithm Design/Problem Solving (3)	
CISP 360	Introduction to Structured Programming (4)	
CISP 400	Object Oriented Programming with C++ (4)	
CISP 401	Object Oriented Programming with Java (4)	
CISP 408	Programming R for Data Analysis and Machine Learning (3)	
CISP 440	Discrete Structures for Computer Science (3)	
ECON 310	Statistics for Business and Economics (3)	
ENGR 420	Statics (3)	
FT 304	Fire Behavior and Combustion (3)	
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems (3)	
GEOG 301	Physical Geography Laboratory (1)	
GEOG 306	Weather and Climate (3)	
GEOG 331	Exploring Maps and Geographic Technologies (3)	
GEOL 300	Physical Geology (3)	
GEOL 301	Physical Geology Laboratory (1)	
GEOL 302	Physical Geology with Lab (4)	
GEOL 305	Earth Science (3)	
GEOL 306	Earth Science Laboratory (1)	
GEOL 310	Historical Geology (3)	
GEOL 311	Historical Geology Laboratory (1)	
GEOL 330	Introduction to Oceanography (3)	
GEOL 345	Geology of California (3)	
MATH 300	Introduction to Mathematical Ideas (3)	
MATH 310	Mathematical Discovery (3)	
MATH 333	College Algebra for Liberal Arts (3)	
MATH 341	Calculus for Business and Economics (4)	
MATH 343	Modern Business Mathematics (4)	
MATH 355	Calculus for Biology and Medicine I (4)	
MATH 356	Calculus for Biology and Medicine II (4)	
MATH 372	College Algebra for Calculus (4)	
or MATH 375	Pre-Calculus (6)	
MATH 373	Trigonometry for Calculus (4)	
MATH 385	Calculus Preparation for STEM (4)	
MATH 400	Calculus I (5)	
MATH 401	Calculus II (5)	
MATH 402	Calculus III (5)	
MATH 410	Introduction to Linear Algebra (3)	
MATH 420	Differential Equations (4)	
NUTRI 300	Nutrition (3)	
NUTRI 302	Nutrition for Physical Performance (3)	
NUTRI 340	Nutrition and Metabolism (3)	
PHYS 310	Conceptual Physics (3)	
PHYS 311	Basic Physics (3)	
PHYS 350	General Physics (4)	
PHYS 360	General Physics (4)	
PHYS 411	Mechanics of Solids and Fluids (4)	
PHYS 421	Electricity and Magnetism (4)	
PHYS 431	Heat, Waves, Light and Modern Physics (4)	
PS 302	Introduction to Physical Science (4)	
PSYC 312	Biological Psychology (4)	
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
STAT C1000	Introduction to Statistics (4)	
Total Units:		**18**

The Interdisciplinary Studies: Math and Science Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- reason quantitatively and empirically (Math and Science).

Chemistry (CHEM) Courses

CHEM 80 General Chemistry I Support, A Food Science Perspective

Units: 1

Hours: 54 hours LAB

Prerequisite: None.

Corequisite: CHEM 400

A support course for Chemistry 400 (General Chemistry 1) which uses Food Science as a lens to explore topics and approach problem solving. Students will prepare and analyze foods and beverages such as breads, yoghurts, fermented foods, beer, wine and kombucha. Students are required to provide a bound laboratory notebook, cooking apron, hair net, non-slip closed toe shoes, and food service gloves. This course is graded on a Pass/No Pass basis.

CHEM 81 General Chemistry II Support, A Food Science Perspective

Units: 1

Hours: 54 hours LAB

Prerequisite: None.

Corequisite: CHEM 401

A support course for Chemistry 401 (General Chemistry II) which uses Food Science as a lens to explore topics and approach problem solving. Students will prepare and analyze foods and beverages such as breads, yoghurts, fermented foods, beer, wine and kombucha. Students are required to provide a bound laboratory notebook, cooking apron, hair net, non-slip closed-toe shoes, and food service gloves. This course is graded on a Pass/No Pass basis.

CHEM 300 Beginning Chemistry

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: Elementary Algebra or higher with a C or better or eligibility for transfer-level mathematics.

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

C-ID: C-ID CHEM 101

This is a lecture and laboratory course that covers the fundamental concepts of chemistry. This course assumes no previous knowledge of chemistry, presenting both chemical problem solving and laboratory skills. This course is intended primarily to prepare students for CHEM 400. Students are required to purchase access to on-line homework, indirect vent safety goggles and scientific calculator. Other materials may be required by the instructor.

CHEM 305 Introduction to Chemistry

Units: 5

Hours: 72 hours LEC; 54 hours LAB

Prerequisite: Elementary Algebra/Algebra I/Integrated Math I or higher, with a C or better, OR eligibility for transfer-level mathematics.

Enrollment Limitation: Students must be at least 16 years of age. Minor-aged students who are not legally emancipated must have their parent(s)/guardian(s) review laboratory safety protocols prior to attending class.

Transferable: CSU; UC (UC credit limitation: CHEM 305, 306 and 400, 401 combined: maximum credit, one series. No credit for CHEM 305 if taken after CHEM 400.)

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

C-ID: C-ID CHEM 101

This course introduces fundamental principles of chemistry including types of matter and physical states, physical and chemical transformations, chemical equations and stoichiometry, bonding, atomic and chemical structure, intermolecular forces, gas laws, solutions, colligative properties, acids and bases, nuclear chemistry, and includes a brief introduction of organic chemistry. It is primarily intended for general education and majors in allied health (nursing, dental hygiene, respiratory care), family and consumer science, physical education, physical therapy(*), psychology(*), natural resources(*). CHEM 305 can also be used as a preparatory course prior to enrolling in CHEM 400. Students are required to purchase indirectly vented safety goggles; and wear closed-footed shoes for the laboratory.

*May require CHEM 400.

CHEM 337 Brewing and Beer Chemistry

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

An overview of beer and brewing including the history, malting, brewing, fermentation and packaging. Emphasis will be placed on the chemical processes involved at each stage as well as performing chemical analyses of inorganic and organic components throughout the brewing process. Requires a laboratory notebook and non-slip closed-toe shoes.

CHEM 339 Introduction to Fermentation Chemistry

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

Students will be introduced to the chemical principles of fermentation as they apply to a variety of beverages and food products. Students will test hypotheses to explore the chemical, biochemical, and physicochemical properties of fermented products. Experimentation will be guided by a suite of chemical instrumentation. Specifically, the course will focus on the basic scientific methodology applied on beer brewing, enology and fermentation of fruits, vegetables, and dairy. Students are required to provide a bound laboratory notebook, apron, closed toe shoes, and gloves.

CHEM 400 General Chemistry I

Units: 5

Hours: 54 hours LEC; 108 hours LAB

Prerequisite: Successful completion of Intermediate Algebra/ Algebra II/Integrated Math 3, or through the Los Rios Math Placement Process; AND completion of EITHER a college-level Chemistry course with a lab (such as CHEM 300, CHEM 305 or CHEM 339) OR a full year of high school chemistry with a lab with a grade of "C" or better.

Transferable: CSU; UC (UC credit limitation: CHEM 305, 306 and 400, 401 combined: maximum credit, one series)

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

C-ID: C-ID CHEM 110; Part of C-ID CHEM 120S

This is a first semester general college chemistry course intended for students majoring in the scientific disciplines including chemistry, biology, nutrition, physics, geology and engineering. This course emphasizes the fundamental principles of chemistry. Topics include chemical measurement; physical and chemical processes; nomenclature; stoichiometry; atomic structure; quantum theory; molecular structure; bonding theory; physical properties of gases, liquids, and solids; thermochemistry; and properties of solutions. Students are required to purchase indirectly vented safety goggles and a bound quad-ruled notebook; and wear closed-footed shoes for the laboratory. Other materials may be required by the instructor.

CHEM 401 General Chemistry II

Units: 5

Hours: 54 hours LEC; 108 hours LAB

Prerequisite: CHEM 400 with a grade of "C" or better

Transferable: CSU; UC (UC credit limitation: CHEM 305, 306 and 400, 401 combined: maximum credit, one series)

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

C-ID: Part of C-ID CHEM 120S

This course is a continuation of the two-semester series in general college chemistry, General Chemistry I (Chem 400) and General Chemistry II (Chem 401). CHEM 401 is intended for students majoring in the scientific disciplines including chemistry, biology, physics, and geology. Topics presented in the course include kinetics, equilibrium, acid/base chemistry, thermodynamics, electrochemistry, nuclear chemistry, and coordination chemistry. A brief introduction to Organic Chemistry is included. Laboratory experiments include qualitative and quantitative analysis.

CHEM 410 Quantitative Analysis

Units: 5

Hours: 54 hours LEC; 108 hours LAB

Prerequisite: CHEM 401 with a grade of "C" or better

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

This is a course in chemical quantitative analysis. Emphasis is placed on: the statistical treatment of data, error analysis, and goodness-of-fit criteria; the proper design, control, and handling of experimental data obtained using various analytical methods; the fundamental theory of and techniques involving volumetric analysis, spectrophotometry, mass

spectrometry, and gas & liquid chromatography; the calibration of glassware and instrumentation; and the design & validation of experimental methods. This course is for students planning careers in chemistry, biochemistry, chemical engineering, forensics, pre-pharmacy, biology, molecular biology, and microbiology.

CHEM 420 Organic Chemistry I

Units: 5

Hours: 54 hours LEC; 108 hours LAB

Prerequisite: CHEM 401 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

C-ID: C-ID CHEM 150; Part of C-ID CHEM 160S

This is a lecture/laboratory course designed to introduce students to the basic concepts of organic chemistry. This course is designed for science majors, pre-med, pre-dental, and pre-pharmacy majors. Lecture topics will include acid/base chemistry, pushing electrons, organic nomenclature, alkane chemistry, alkene chemistry, alkyl halides, alcohols, ethers, physical properties of alkanes and cycloalkanes, SN1, SN2, E1, E2 mechanisms. Laboratory work will include characterization of organic molecules using modern analytical instrumentation such as (GC, GC/MS, NMR, FTIR, polarimetry, and HPLC) and the measurement of their physical properties. Separation and purification of organic compounds will also be covered in the lab section; these techniques include distillation, recrystallization, preparative chromatography, liquid-liquid extraction and thin-layer chromatography. This course requires that students purchase additional supplies such as a Gas Chromatography micro-syringe and safety goggles. Students will need to purchase a lab journal to record experimental information. Students will also need to check with the instructor for supplemental lab supplies that may not be provided during check-in.

CHEM 421 Organic Chemistry II

Units: 5

Hours: 54 hours LEC; 108 hours LAB

Prerequisite: CHEM 420 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

C-ID: Part of C-ID CHEM 160S

This course is a lecture-laboratory course and is a continuation of Chemistry 420, Organic Chemistry I, thereby concluding a one year introduction to organic chemistry. This course is designed for science majors, pre-medical, pre-dental, and pre-pharmacy majors. Topics covered include the chemistry of ethers, epoxides, conjugated dienes, aromatic compounds, carbonyl compounds, enolate condensation, amines, phenols, condensation-polymerization reactions, and the chemistry of selected biologically important compounds such as proteins, lipids and carbohydrates. The course also includes continued application of spectroscopic methods (IR, NMR (theory and practice), and MS) applied to organic chemistry. Laboratory emphasis is on synthesis of organic compounds and their work-up and analysis. Experiments include the preparation, isolation, quantitation, purification, identification and mechanism elucidation of the molecules synthesized. Students will continue to expand their ability to operate and utilize a variety of modern chemical instrumentation - gas chromatography, high performance liquid chromatography, Fourier transform - infrared spectroscopy, gas chromatography-mass spectrometry, and polarimetry. Students must purchase instructor produced supplements; Study guide for the approved lecture text; Stitch-bound, page-numbered laboratory notebook(s); model kit; American Chemical Society Study Guide for Organic Chemistry, approved safety goggles, gloves, gas chromatography syringe. a pair of approved safety goggles.

CHEM 495 Independent Studies in Chemistry

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

This course involves an individual student or small groups of students in study, research, or activities beyond the scope of regular offered courses, pursuant to an agreement among college, faculty members and students. Independent studies in chemistry offers students a chance to do research and/or experimentation that is more typical of industry and graduate student work. Student must fill out an application with sponsoring instructor to participate.

CHEM 498 Work Experience in Chemistry

Units: 1 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

CHEM 499 Experimental Offering in Chemistry

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Communication Studies

Overview

The communication studies department at Folsom Lake College is committed to excellent teaching that provides an innovative and stimulating environment for student learning in theoretical and pragmatic applications of communication education. With the primary mission of encouraging completion of an associate degree and promoting transfer opportunities, the department provides superior educational opportunities to a diverse student population and supports a cooperative environment that reflects and honors the diverse backgrounds, perspectives, abilities, and interests of all.

The department supports both students and faculty in the pursuit of continuing education to better their personal, academic, and professional lives; to help them meet the communication challenges of an increasingly complex world; and to adapt to the changing communication demands of the future.

Degrees and Certificates Offered

A.A.-T. in Communication Studies 2.0

A.A. in Interdisciplinary Studies: Communication and English

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

Applied Communication Skills Certificate

Division Dean: Francis Fletcher

Department Chair: Paula Cardwell

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in Communication Studies 2.0

The Associate in Arts in Communication Studies for Transfer Degree 2.0 program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Communication Studies at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) The California General Education Transfer Curriculum (CAL-GETC).
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better or a "P" in all courses required for the major or area of emphasis.

Degree Requirements

Course Code	Course Title	Units
COMM C1000	Introduction to Public Speaking	3
COMM C1004	Interpersonal Communication	3
A minimum of 12 units from the following:		12
List A At least 9 units should come from List A.		
COMM 305	Oral Interpretation (3)	
COMM 311	Argumentation and Debate (3)	
COMM 315	Persuasion (3)	
COMM 325	Intercultural Communication (3)	
COMM 331	Group Discussion (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
or JOUR 310	Mass Media and Society (3)	
A minimum of 3 units from the following:		3
Group B: An additional 3 units from Group B or any course not used in Group A		
ANTH 310	Cultural Anthropology (3)	
COMM 361	The Communication Experience (3)	
ENGL 301	College Composition and Literature (3)	
ENGL C1001	Critical Thinking and Writing (3)	
PSYC C1000	Introduction to Psychology (3)	
SOC 300	Introductory Sociology (3)	
Total Units:		**18**

The Associate in Arts in Communication Studies 2.0 for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- explain the history, evolution, and multidisciplinary nature of human communication.
- analyze evidence and reasoning to identify and provide appropriate and credible support for written and oral communication.
- demonstrate individual responsibility, integrity, and respect in all communication interactions.
- design and deliver effective and appropriate written, oral, and/or visual messages in a variety of personal, professional, and social contexts.
- utilize both nonverbal and verbal communication strategies appropriate for diverse audiences in order to demonstrate communication competency.
- differentiate amongst various theoretical perspectives within the discipline of Human Communication.

Career Information

Public Information; Human Resources Development; Corporate Training; Motivational Speaking; Political Speech Writing; Broadcasting; Advertising; Public Relations; Teaching; Organizational Administration; Negotiation and Mediation Services; Personnel Management; Customer Service; Corporate Imaging; Campaign Management; Marketing; Community Relations.

Associate Degrees

A.A. in Interdisciplinary Studies: Communication and English

The Interdisciplinary Studies degree is designed for students who wish a broad knowledge of arts and sciences plus additional coursework in a prescribed “Area of Emphasis”. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Communication and English. These courses emphasize the content of communication as well as the form and should provide an understanding of the psychological basis and the social significance of communication. Students will be able to assess communication as the process of human symbolic interaction. Students will also develop skills in the areas of reasoning and advocacy, organization, accuracy, and reading and listening effectively. Students will be able to integrate important concepts of critical thinking as related to the development of analysis and critical evaluation. Students will also learn to reason inductively and deductively in order to make important decisions regarding life and society at large. (Possible majors at a four-year institution include, but are not limited to: English, communication and philosophy.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
You must select courses from three different disciplines.		
COMM C1000	Introduction to Public Speaking (3)	
COMM 311	Argumentation and Debate (3)	
COMM 315	Persuasion (3)	
COMM 331	Group Discussion (3)	
COMM 361	The Communication Experience (3)	
ENGRD 310	Critical Reading as Critical Thinking (3)	
ENGL C1000	Academic Reading and Writing (3)	
ENGL 301	College Composition and Literature (3)	
ENGL C1001	Critical Thinking and Writing (3)	
PHIL 300	Introduction to Philosophy (3)	
PHIL 320	Logic and Critical Reasoning (3)	
PHIL 325	Symbolic Logic (3)	
Total Units:		18

The Interdisciplinary Studies: Communication and English Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- analyze critically, argue persuasively, and communicate clearly (Communication and English).

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies in Social and Behavioral Science degree provides an interdisciplinary approach to academic studies. The purpose of the program is for students to gain an understanding of the interconnectedness of various social and behavioral sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 300	Introduction to Business (3)	
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	
BUS 345	Law and Society (3)	
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	

Course Code	Course Title	Units
ECON 307	Global Issues in the Political Economy (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 321	African American Policy and Law (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 331	Asian American Policy and Law (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 351	Native American Policy and Law (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
ETHNS 361	Chicana/o/x Latina/o/x Policy and Law (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 314	Recent United States History (3)	
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
KINES 308	Women in Sport (3)	
KINES 416	Psychology of Sport (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 390	Psychology of Death and Dying (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 300	Introduction to Social Work & Human Services (3)	
SWHS 302	Introduction to Psychology of Human Relations (3)	
Total Units:		18

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

Certificate

Applied Communication Skills Certificate

Effective communication skills allow people to improve many areas of their lives, but especially their social, academic, and professional lives. Effective communication skills are among the top skills sought by organizations. The Certificate in Applied Communication Skills provides meaningful and marketable skills designed to further a student's personal, academic and professional growth. Courses in this certificate may be applied towards associate degree and/or transfer requirements.

Certificate Requirements

Course Code	Course Title	Units
COMM C1000	Introduction to Public Speaking (3)	3
or COMM 361	The Communication Experience (3)	
A minimum of 9 units from the following:		9
COMM 305	Oral Interpretation (3)	
COMM 311	Argumentation and Debate (3)	
COMM 315	Persuasion (3)	

Course Code	Course Title	Units
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 331	Group Discussion (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
Total Units:		12

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- design and relate messages clearly for effective and appropriate oral communication.
- apply effective listening skills to comprehend spoken messages, analyze information critically, and consider multiple perspectives.
- compose ideas clearly in effective, appropriate, and well-organized written messages.
- demonstrate effective communication appropriate to diverse contexts and people.
- demonstrate and apply effective group communication strategies.
- demonstrate effective problem solving and conflict resolution skills.

Career Information

Virtually every employer survey identifies effective communication skills as highly desired and sought-after. Students can utilize their Applied Communication Skills in every employment context.

Communication (COMM) Courses

COMM C1000 Introduction to Public Speaking

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L1B; Cal-GETC Area 1C

C-ID: C-ID COMM 110

This course was formerly known as COMM 301 Introduction to Public Speaking.

In this course, students learn and apply foundational rhetorical theories and techniques of public speaking in a multicultural democratic society. Students discover, develop, and critically analyze ideas in public discourse through research, reasoning, organization, composition, delivery to a live audience and evaluation of various types of speeches, including informative and persuasive speeches. By the end of the course, students will be more confident about managing public speaking anxiety and be effective in oral communication situations with diverse audiences. Audio/video recording equipment may be used as an aid to self-analysis and improvement.

This course was formally known as COMM 301. It is not open to students who have successfully completed COMM 301.

COMM 305 Oral Interpretation

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: COMM C1000 or ENGL C1000

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID COMM 170

This course introduces students to the field of performance studies through the oral interpretation of various literary genres, including Western and Non-Western literature. The focus is on audience analysis, selection and thematic analysis of literature, script writing, discussion and application of vocal and physiological delivery techniques, program performance, and post-performance evaluation. Theoretical issues and historical developments are examined and applied to the current performance trends in solo, duo and interpreters' theatre. Oral performances will be delivered synchronously in front of a live audience.

COMM 311 Argumentation and Debate

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000 with a grade of "C" or better; or ESLW 340 (Advanced Composition) with a grade of "C" or better, or ENGWR 480 (Honors Composition) with a grade of "C" or better.

Advisory: COMM C1000

Transferable: CSU; UC

General Education: Local GE L1B; Cal-GETC Area 1B

C-ID: C-ID COMM 120

This course covers critical reading, writing, thinking and speaking through the preparation and practice of argumentation. Special consideration will be given to the relationship between claims, evidence, and reasoning, and the standards of interpreting information and research. Students will learn to effectively develop reasoned written and oral arguments, recognize fallacies, and understand the relationship language has with logic and reasoning.

COMM 315 Persuasion

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L1B; Cal-GETC Area 1B

C-ID: C-ID COMM 190

This course presents fundamental theories and techniques of persuasion as they occur in various communication contexts, including commercial, interpersonal, public, and mass media. Students develop critical thinking skills by engaging in oral and written analysis, evaluation, and composition of persuasive messages and by examining the personal, political, cultural, and social impacts of persuasion. Students explore ethical considerations of persuasive communication, learn about types of reasoning, and identify fallacious arguments as they occur in persuasion. Students will write a minimum of 5,000 written words in a variety of essay formats.

COMM C1004 Interpersonal Communication

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Local GE L7B

C-ID: C-ID COMM 130

This course was formerly known as COMM 321 Interpersonal Communication.

This course covers theory, research, and application of ethical one-to-one communication practices
in various and diverse interpersonal relationships including in personal, professional, and social
situations. Students will explore theoretical perspectives of individual, situational, and cultural influences on human interaction with attention given to perception, verbal and nonverbal communication, listening, interpersonal dynamics, power and conflict. Previously known as COMM 321. Not open to students who have completed COMM 321.

COMM 325 Intercultural Communication

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID COMM 150

This course introduces students to the challenges and promises of intercultural communications in the United States. Variations and commonalities in communication patterns across cultures are examined as well as processes and outcomes among persons of different group-based experiential backgrounds. Practical application of factors which influence communication among individuals of different cultures is emphasized.

COMM 331 Group Discussion

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L1B

C-ID: C-ID COMM 140

Group communication is pervasive in all academic, professional, and social environments. This course is designed to increase students' understanding of group communication and to prepare students to function more effectively in various types of groups. Students will learn about the dynamics of group roles, the multiple functions of groups, leadership styles, conflict management, problem-solving, and decision-making. Individual and group presentations are required. Video recording equipment may be used as an aid to the student's self-analysis and improvement. Access to a computer with online capabilities may be required and computer access is available on campus.

COMM 341 Organizational Communication

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

General Education: Local GE L1B; Local GE L4

This course is designed to allow students to examine both theoretical and pragmatic essentials of effective organizational messages from preparation and presentation to effective observation and analysis. Students will explore the dynamics of organizational communications in various situations including conflict negotiation teams and problem solving/decision making groups. The dynamics of leadership and communication will be explored. Current techniques of evaluating organizational communication for the purpose of improving organizational effectiveness will also be examined.

COMM 351 Mass Media and Society

Same As: JOUR 310

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID JOUR 100

The class will offer a survey of the mass media: history, philosophy, structure and trends, as well as theories, which help to explain effects and the importance of media as a social institution. The course will explore economics, technology, law, ethics, and social issues, including cultural and ethnic diversity. This course is the same as JOUR 310; only one of these courses may be taken for credit.

COMM 361 The Communication Experience

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L1B; Cal-GETC Area 1C

C-ID: C-ID COMM 115

This course is an introduction to the principles and methods of oral communication with an emphasis on improving speaking and listening skills in the multicultural contexts of interpersonal, small group, and public communication. Students will learn and apply foundational rhetorical theories and techniques of public speaking in a multicultural democratic society.

COMM 494 Topics in Communication

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

A survey of contemporary communication topics that allows students to choose a particular option from several. Possible options may include, but are not limited to: extemporaneous speaking, intercultural communication in the workplace, communication in the classroom, conflict, principles of visual communication, readers' theatre, parliamentary procedure and decision making techniques. Students may receive one unit of credit in each topic area. Consult class schedule for specific topics offered.

COMM 495 Independent Studies in Communication

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

COMM 498 Work Experience in Communication and Media Studies

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to career interests.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within the field of Communication and Media Studies. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data

files. Online students must have an email account. Only one Work Experience course may be taken per semester.

COMM 499 Experimental Offering in Communication

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Computer Information Science

Overview

The Folsom Lake College educational curriculum in computing consists of courses, certificates, and degrees in a variety of areas related to computing. Individual courses are organized into several groups related to computer application user skills (CISA), general "core" topics (CISC), computer networking (CISN), computer programming (CISP), computer security (CISS), and the web (CISW). Students interested in pursuing a certificate or degree may choose from a variety of educational programs. These educational programs are organized into two groups:

Degrees and Certificates Offered

A.S. in Computer Science

A.S. in Information Technology

Algorithmic and Logical Thinking Certificate

Computer Programming Certificate

Information Technology Certificate

Division Dean: Dr. Lorena Navarro

Department Chair: Dan Ross

Phone: (916) 608-6615

Email: navarrl@flc.losrios.edu

Associate Degrees

A.S. in Computer Science

The Computer Science degree provides a comprehensive exposure to computer science in preparation for upper-division computer science courses. The program also prepares students for entry level employment in the computer and related industries.

Degree Requirements

Course Code	Course Title	Units
CISC 310	Introduction to Computer Information Science	3
CISP 300	Algorithm Design/Problem Solving	3
CISP 310	Computer Architecture and Organization (4)	4
or ENGR 303	Introduction to Logic Design (4)	
CISP 360	Introduction to Structured Programming	4
CISP 400	Object Oriented Programming with C++ (4)	4
or CISP 401	Object Oriented Programming with Java (4)	
CISP 430	Data Structures	4
CISP 440	Discrete Structures for Computer Science	3
A minimum of 5 units from the following:		5
CISP 370	Beginning Visual Basic (4)	
CISP 400	Object Oriented Programming with C++ (4)	
CISP 401	Object Oriented Programming with Java (4)	
CISP 405	Object Oriented Programming using C# on Visual Studio .NET (4)	
CISP 407	Programming in Python (4)	
CISC 315	Introduction to Computer Game Design (3)	
CISN 304	Networking Technologies (3)	
CISS 310	Network Security Fundamentals (3)	
CHEM 400	General Chemistry I (5)	
ENGR 303	Introduction to Logic Design (4)	
ENGR 400	Introduction to Electrical Circuits and Devices (3)	
MATH 400	Calculus I (5)	
PHYS 411	Mechanics of Solids and Fluids (4)	
Total Units:		**30**

The Computer Science Associate in Science (A.S.) degree may be obtained by completion of the required program, plus the local FLC General Education Requirement, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- design, write, test and debug computer programs, using a low-level language, a structured language, and an object-oriented language.
- evaluate various solutions to a proposed problem in terms of programming languages, software architecture, and other appropriate computer technologies.
- demonstrate a fundamental knowledge of the basic concepts that define the discipline of computer science, such as data structures, discrete mathematics, basic computer architecture, operating system internals, networking fundamentals, and programming languages.

Career Information

Career opportunities include various technical and support jobs in the computer industry, such as software tester, software developer, programmer, analyst, etc... Additional opportunities include business-related jobs in the computer industry that require a fundamental knowledge of computer science.

A.S. in Information Technology

This degree allows students to acquire basic core Information Technology competencies that will prepare them for a career in Computer Networking, Cybersecurity, and related fields.

Degree Requirements

Course Code	Course Title	Units
CISC 310	Introduction to Computer Information Science	3
CISN 304	Networking Technologies (3)	3
CISP 300	Algorithm Design/Problem Solving	3
CISP 360	Introduction to Structured Programming	4
CISS 310	Network Security Fundamentals	3
A minimum of 6 units from the following:		6
BUS 300	Introduction to Business (3)	
BUS 310	Business Communications (3)	
CISP 407	Programming in Python (4)	
COMM C1000	Introduction to Public Speaking (3)	
A minimum of 4 units from the following:		4
MATH 341	Calculus for Business and Economics (4)	
MATH 400	Calculus I (5)	
STAT C1000	Introduction to Statistics (4)	
Total Units:		**26**

The Information Technology Associate in Science (A.S.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply fundamental knowledge of computing and the current use of technology techniques, skills, and tools necessary for the computing practice.
- evaluate and solve business problems with technology solutions using qualitative and quantitative information.
- assess user needs in the selection, creation, evaluation and administration of computer-based information systems.

Career Information

The Associate's degree in Information Technology prepares students to either enter the workforce as an entry-level computer or network support technician or pursue a bachelor's degree in managing information systems. Several CSUs currently offer baccalaureate IT programs, as do several private universities. More CSUs are working to build upper division programs similar to the recently approved IT Model Curriculum.

Certificates of Achievement

Algorithmic and Logical Thinking Certificate

This certificate certifies students have demonstrated the fundamentals of thinking logically with a variety of tools, such as: algorithms, computer programs, argumentation, or statistical methods.

Certificate Requirements

Course Code	Course Title	Units
CISC 310	Introduction to Computer Information Science	3
CISP 300	Algorithm Design/Problem Solving	3
CISP 360	Introduction to Structured Programming	4
PHIL 320	Logic and Critical Reasoning	3
A minimum of 6 units from the following:		6
COMM 311	Argumentation and Debate (3)	
COMM 315	Persuasion (3)	
PHIL 300	Introduction to Philosophy (3)	

Course Code	Course Title	Units
PHIL 325	Symbolic Logic (3)	
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
or STAT C1000	Introduction to Statistics (4)	
Total Units:		19

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- verify empirically the correctness of an algorithm by means of tracing values of variables to validate the accuracy of the solution.
- demonstrate logical thought by writing accurate and functional computer programs or proper utilization of flowcharts or pseudocode.
- demonstrate familiarity with several methods of constructing logical chains of reasoning.

Career Information

Logical and rational thought is a prerequisite for successful careers in the Sciences, Engineering and Management and most other fields.

Computer Programming Certificate

The Computer Programming Certificate provides students with the basic proficiencies required of entry level software technicians and computer programmers, or for further study in computer science.

Certificate Requirements

Course Code	Course Title	Units
CISC 310	Introduction to Computer Information Science	3
CISP 300	Algorithm Design/Problem Solving	3
CISP 360	Introduction to Structured Programming (4)	4
or CISP 370	Beginning Visual Basic (4)	
CISP 400	Object Oriented Programming with C++ (4)	4
or CISP 401	Object Oriented Programming with Java (4)	
or CISP 405	Object Oriented Programming using C# on Visual Studio .NET (4)	
or CISP 407	Programming in Python (4)	
CISP 430	Data Structures	4
CISP 440	Discrete Structures for Computer Science	3
Total Units:		21

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- design, write, test and debug computer programs, using a structured language, and an object-oriented language.
- evaluate software systems for conformance to system requirements.
- participate as a member of a software development team.

Career Information

Career opportunities include various technical and support jobs in the computer industry, such as software tester, software developer, programmer, analyst, etc.

Information Technology Certificate

The Information Technology prepares students for careers or further education in information technology, networking, cyber security, and related fields. There is considerable employment opportunity in these areas.

Certificate Requirements

Course Code	Course Title	Units
CISC 310	Introduction to Computer Information Science	3
CISN 304	Networking Technologies	3
CISP 300	Algorithm Design/Problem Solving	3
CISP 360	Introduction to Structured Programming	4
CISS 310	Network Security Fundamentals	3
Total Units:		16

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply fundamental knowledge of computing and the current use of technology techniques, skills, and tools necessary for the computing practice.
- evaluate and solve business problems with technology solutions using qualitative and quantitative information.

- assess user needs in the selection, creation, evaluation and administration of computer-based information systems.

Computer Information Science - Applications (CISA) Courses

CISA 299 Experimental Offering in Computer Information Science - Applications

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

CISA 499 Experimental Offering in Computer Information Science - Applications

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Computer Information Science - Core (CISC) Courses

CISC 310 Introduction to Computer Information Science

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

C-ID: C-ID BUS 140; C-ID ITIS 120

This course is an examination of information systems and their role in business. The focus is on information systems, database management systems, networking, e-commerce, ethics and security, computer systems hardware and software components. Students will develop experience applying these concepts and methods through hands-on projects creating computer-based solutions to business problems.

CISC 311 Survey of Modern Computer Languages

Units: 3

Hours: 54 hours LEC

Prerequisite: Familiarity with basic programming language constructs is expected. This includes elements such as variables, conditionals, iteration, and arrays.

Advisory: A minimum of one semester prior high school programming experience (in any programming language) is assumed. If you do not have this experience, take CISP 300 instead.

Transferable: CSU; UC

General Education: Local GE L2

In this survey course, students will explore programming languages through the lens of paradigms, including procedural, object-oriented, functional, and logic-based approaches. Featuring languages such as C, Ruby, Haskell, Prolog, Rust, and Scala, the course emphasizes iterative programming and cross-language translation. Students will engage in practical exercises to understand how languages implement shared constructs differently and analyze the trade-offs between paradigms. Students will build a foundation for writing adaptable, efficient, and elegant code across diverse programming environments by comparing languages. This class assumes students have at least one semester, or industry experience, in any programming language.

CISC 315 Introduction to Computer Game Design

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

This course introduces students to the fundamentals of game design with an emphasis in applying those fundamentals to the creation of computer games. Students will explore the various genres of computer games, including hardware and mobile games. No programming skills are required. Students will explore the relationship between player experience and game mechanics.

CISC 326 Linux Systems

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU

This course introduces the Linux operating system for microcomputers. Concepts include kernels, file structures, daemons, and shells. The course will also include procedures for installing software, creation of user accounts, shell commands, scripts, file security, Perl and C scripting, Common Gateway Interface, system installs, administration, security, and graphical user shells such as X-Windows.

CISC 495 Independent Studies in Computer Information Science - Core

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

CISC 498 Work Experience in Computer Information Science - Core

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

CISC 499 Experimental Offering in Computer Information Science - Core

Units: 0.5 - 4

Prerequisite: None.

This is a course designed to give students an opportunity to study topics in Computer Information Science which are not included in the current course offerings. This course may be repeated for credit providing there is no duplication of topics.

Computer Information Science - Data Science (CISD) Courses

CISD 299 Experimental Offering in Computer Information Science - Data Science

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

CISD 330 Data Analytics with Tableau

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: UC

This course introduces students to the basics of Data Analytics using Tableau which is an end-to-end data analytics platform that allows students to prep, analyze, collaborate, and share big data insights. Tableau builds transparent AI into its platform so students can easily understand how predictions and perceptions emerge and how they are helping to make smarter decisions right in the flow of data analysis.

CISD 351 Data Science Foundations

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: CISP 300 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L2

This course provides a comprehensive introduction to the foundational concepts and practices in data science across various domains. It covers key topics such as inferential thinking, random variables, normal distributions, hypothesis testing, and confidence intervals for making data-driven decisions. Students will work with real world data sets to gain hands-on experience in data collection, sampling techniques, and in conducting observational and experimental studies. Students will explore methods for identifying relationships, predicting outcomes, and will develop skills in writing programming scripts, creating and interpreting visualizations, and in effective communication of insights. Ethical considerations and the impact of data on society are integrated into the course.

CISD 353 Data Science II

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: CISD 351 with a grade of "C" or better

Advisory: STAT C1000

Transferable: CSU; UC

This course introduces the full data science lifecycle—from data acquisition and cleaning to modeling and visualization—using a suitable high-level programming language like Python or R. Students will explore real-world datasets, perform data wrangling, apply statistical inference (e.g., correlation, regression, analysis of variance, nonparametrics), and build and evaluate predictive models. Emphasis on responsible and ethical data practices, including considerations of fairness, bias, transparency, and the societal impacts of data-driven decision making.

CISD 354 Data Science III

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: MATH 400 and 410 with grades of "C" or better

Transferable: CSU; UC

This capstone course covers advanced topics in computational and statistical learning using R, Python, or similar tools. Students apply modeling, resampling, and validation techniques; explore regression, dimension reduction, clustering, and smoothing; and produce reproducible analyses with attention to ethics, fairness, and transparency.

CISD 355 Python for Data Science

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

This course is an introduction to computational thinking and quantitative reasoning using Python. It teaches critical concepts and skills in computer programming and uses the language as a vehicle to impart the principles, practices and tools to handle data and gain insights from data using datasets from across STEM and other disciplines. Python libraries and other tools are used for simple data analysis and data visualization. It is designed to prepare students for further coursework in data science, and supports students in other disciples that explore data.

CISD 499 Experimental Offering in Computer Information Science - Data Science

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Computer Information Science - Networking (CISN) Courses

CISN 304 Networking Technologies

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: CISC 310 with a grade of "C" or better

Transferable: CSU

C-ID: C-ID ITIS 150

This course provides a comprehensive survey of local and wide area networks, technologies, protocols, and connectivity. Topics covered include network topologies, the Open Systems Interconnection seven-layer model for communication, communication protocols and standards, access methods, and data translation and transmission

equipment and media. This course is intended to prepare students for programming and system administration activities as well as the CompTIA Network+ certification exam.

Computer Information Science - Programming (CISP) Courses

CISP 300 Algorithm Design/Problem Solving

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: CISC 310

Transferable: CSU; UC

General Education: Local GE L2

This course introduces the Computer Science major to methods for solving classical computer problems through algorithm design. Topics include introduction to structured design, control structures, arrays, object oriented programming, and file processing. Students will learn how to assess and analyze computer problems in a top-down, divide-and-conquer approach that leads to a programming solution. It also includes creating programming plans and detailed design documents from which source code versions of programs will be created.

CISP 310 Computer Architecture and Organization

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: CISP 360 with a grade of "C" or better

Transferable: CSU; UC

C-ID: C-ID COMP 142

This course is an introduction to computer architecture using assembly language programs. Topics include binary representation of data and instructions, memory addressing modes, subroutines and macros, operating system interrupts, processor architecture, and interfacing with high level languages.

CISP 350 Database Programming

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: CISC 310 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L2

This is an introductory course in Structured Query Language (SQL) database programming. Topics include database normalization, subqueries, joins, import/export, privileges, and Procedural Language extensions to the Structured Query Language (PL)/SQL programming.

CISP 360 Introduction to Structured Programming

Units: 4

Hours: 72 hours LEC

Prerequisite: CISP 300 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L2

C-ID: C-ID COMP 112; C-ID COMP 122

This course is an introduction to structured programming. The topics covered include: top-down design, input/output considerations, control structures and flow control, variables, constants, the use of libraries, simple to intermediate data structures, functions, and arguments. An introduction into objects will be included.

CISP 366 Systems Programming In Unix

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: CISP 360 with a grade of "C" or better

Transferable: CSU; UC

This course introduces systems-level programming using the C programming language in a UNIX/Linux environment. Topics include UNIX/Linux operating system concepts, C preprocessor macros, system-level input/output, bit-manipulation facilities, timesharing system concepts, UNIX/Linux file permissions, shell script programming, make files and source code control, basic system calls like fork and exec, signals, pipes and inter-process communication, pointers and dynamic memory allocation, libraries and relocation and linking concepts including assembler handling of symbol tables. Introductory knowledge of C programming is required.

CISP 370 Beginning Visual Basic

Units: 4

Hours: 72 hours LEC

Prerequisite: None.

Transferable: CSU; UC

This course is an introduction to the Visual Basic programming language. Students will design Console and Graphical User Interface programs for the Windows environment. Topics include control structures such as simple sequence, decisions, iteration, procedures, events, properties, error handling, form handling, and the use of typical controls such as buttons, textboxes, checkboxes, and listboxes. This course will provide students with a foundation in the use of objects, object libraries, and object-oriented-event-driven programming techniques.

CISP 400 Object Oriented Programming with C++

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: CISP 360 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L2

C-ID: C-ID COMP 122

This course is an introduction to object-oriented programming using the C++ programming language. This course is designed to enhance students' abilities to implement object-oriented programs and to further develop programming proficiency. Detailed topics include classes, storage class and scope, encapsulation, polymorphism, inheritance, function overloading and overriding, virtual functions, operator overloading, templates, exception handling, stream I/O, file processing, and the Standard Template Library. Also covered are introductions to Graphical User Interface (GUI) development using class libraries, and object oriented design methodology.

CISP 401 Object Oriented Programming with Java

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: CISP 360 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L2

This course is an introduction to Object Oriented Programming using the Java language. Topics include: objects, classes, UML, function overloading, inheritance, static and dynamic class relationships, polymorphism, components, graphical user interfaces, event-driven programming, class associations, interfaces, error handling, threads, file I/O, testing and debugging. This provides the student with a well-rounded background in Java and is good preparation for advanced topics.

CISP 405 Object Oriented Programming using C# on Visual Studio .NET

Units: 4

Hours: 72 hours LEC

Prerequisite: CISP 360 or 370 with a grade of "C" or better

Transferable: CSU; UC

This course is an introduction to the C# programming language using Visual Studio.NET. Topics include the Visual Studio .NET Integrated Development Environment (IDE), object oriented programming concepts, and various .NET technologies. Students will develop programs for the Windows desktop and Web browsers (ASP.NET), as well as explore other .NET technologies such as Web Services, Windows Services, and .NET Remoting.

CISP 407 Programming in Python

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: CISP 360 with a grade of "C" or better

Transferable: CSU; UC

This course provides an introduction to programming with Python. It is designed to enhance students' abilities to implement programs in Python. Topics include input/output considerations, decision structures and flow control, functions, file processing, and data structures. An introduction to objects will be included.

CISP 408 Programming R for Data Analysis and Machine Learning

Units: 3

Hours: 54 hours LEC

Prerequisite: CISP 360 with a grade of "C" or better

Advisory: STAT C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L2

This course is designed for students with prior programming experience who are eager to expand their skill set into the world of data science using the R programming language. Over the course of the semester, students will learn how to manipulate, analyze, and visualize data with R,

gaining hands-on experience with a range of real-world datasets. Through practical examples and clear explanations, students will gain a solid understanding of R's powerful features, from data manipulation and statistical analysis to creating insightful visualizations. By the end of the course, students will be equipped to apply R to a wide variety of data analysis tasks in both academic and professional settings.

CISP 430 Data Structures

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: CISP 400 with a grade of "C" or better

Transferable: CSU; UC

C-ID: C-ID COMP 132

This is a course in data structures for computer science. Topics include time complexity analysis and big-O notation, searching and sorting, linked lists, stacks, queues, priority queues, lists, binary trees, B-trees, AVL trees, splay trees, graphs, and hash tables. Analysis of algorithms including mergesort, quicksort, heapsort. Graph theory, including shortest paths, topological sort, depth-first search, minimum spanning tree. If time permits, any of the following topics: tries, Huffman codes, branch and bound, Fibonacci heaps, critical path analysis, Open Shortest Path first (OSPF), and basic encryption algorithms.

CISP 440 Discrete Structures for Computer Science

Units: 3

Hours: 54 hours LEC

Prerequisite: CISP 360 and MATH 375 with grades of "C" or better, or placement through the assessment process.

Transferable: CSU; UC

General Education: Local GE L2

C-ID: C-ID COMP 152

This course is an introduction to the essential discrete structures used in Computer Science, with emphasis on their applications. Topics to be covered include: binary number representation and arithmetic, sets, relations, functions, formal propositional logic and proofs, digital logic and combinational circuits, finite state machines, regular expressions and formal grammars. Students will implement programs to illustrate principles of discrete structures.

CISP 454 Introduction to Software Testing

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: CISP 400 or 401 with a grade of "C" or better; or object oriented programming industry experience.

Transferable: CSU; UC

Students will learn and apply industry standard processes and methods for analyzing and testing software, reporting defects effectively, and developing and executing test plans for software projects. Students will be exposed to software tools that implement various testing approaches, including test driven development (TDD). Student teams apply what they learn throughout the course on small development projects. This course prepares students for practical work in the software industry by exposing them to the latest approaches and tools. Examples will be presented in Java and C++.

CISP 499 Experimental Offering in Computer Information Science - Programming

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Computer Information Science - Security (CISS) Courses

CISS 310 Network Security Fundamentals

Units: 3

Hours: 45 hours LEC; 27 hours LAB

Prerequisite: CISN 304 with a grade of "C" or better

Transferable: CSU

C-ID: C-ID ITIS 160

This course provides fundamental knowledge for system risk analysis and a workable security policy implementation that protects information assets from potential intrusion, damage, or theft. The required content of the Computing Technology Industry Association (CompTIA) Security+ certification exam is covered.

Computer Information Science - Web (CISW) Courses

CISW 499 Experimental Offering in Computer Information Science - Web

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Dance

Overview

The dance studies curriculum at Folsom Lake College offers students the opportunity to develop a breadth of multi-disciplinary dance abilities and knowledge. This curriculum provides students with an exploration of world dance history, pedagogy, injury prevention, and technical skills in classical and contemporary styles including, but not limited to, ballet, jazz, modern, contemporary, hip-hop, and ethnic/folk forms. Career options such as performing, choreography, dance studio business ownership, dance movement therapy, and non-profit arts management will enhance students' appreciation of dance as a global industry, as well as a cross-culturally meaningful expressive form. Comprehensive, academically rigorous classes will sharpen their leadership and critical thinking skills, preparing students for success in dance either at a university or in the workplace.

Degrees Offered

A.A. in Dance Studies

Division Dean: Francis Fletcher

Department Chair: Dr. Debi Worth

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Associate Degree

A.A. in Dance Studies

The Dance Studies program at Folsom Lake College offers students the opportunity to develop a breadth of multi-disciplinary dance abilities and knowledge. This program provides students with an exploration of world dance history, pedagogy, injury prevention and technical skills in classical and contemporary styles including but not limited to Ballet, Jazz, Modern, Contemporary, Hip-Hop and Ethnic/Folk forms. Career options such as performing, choreography, dance studio business ownership, dance movement therapy and non-profit arts management will enhance studentsâ€™ appreciation of dance as a global industry, as well as a cross-culturally meaningful expressive form. Comprehensive, academically rigorous classes will sharpen their leadership and critical thinking skills, preparing students for success in dance either at university or in the workplace.

Degree Requirements

Course Code	Course Title	Units
DANCE 309	Introduction to Dance (2)	2
or DANCE 383	The Business of Dance (2)	
DANCE 310	Jazz Dance I	1
DANCE 320	Ballet I	1
DANCE 330	Modern Dance I	1
DANCE 377	Musical Theatre Dance I	2
DANCE 380	World Dance History	3
DANCE 381	Pedagogy: Theory and Practice	2
DANCE 382	Fitness Injury Prevention and Management (2)	2
DANCE 410	Dance Composition and Production I	2
A minimum of 4 units from the following:		4
COMM C1004	Interpersonal Communication (3)	
DANCE 351	Hip Hop I (1)	
DANCE 440	Performing and Touring Group: MOSAIC Dance Company I (3)	
DANCE 495	Independent Studies in Dance (1 - 3)	
DANCE 498	Work Experience in Dance (0.5 - 4)	
FITNS 392	Yoga (1)	
FITNS 395	Stretch (1)	
FITNS 414	Tai Chi (1)	
FITNS 324	Mat Pilates (1)	
INDIS 313	Freshman Seminar (3)	
KINES 300	Introduction to Kinesiology (3)	
MUFHL 300	Introduction to Music (3)	
MUFHL 330	World Music (3)	

Course Code	Course Title	Units
TA 350	Theory and Techniques of Acting I (3)	
TAP 340	Musical Rehearsal and Performance I (1 - 3)	
DANCE 360	Tap Dance I (1)	
Total Units:		**20**

The Dance Studies Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- examine the relationship between the socio-cultural, religious, political and scientific trends throughout world history in relation to the development of dance cross-culturally.
- evaluate the technical and/or artistic achievements of particular dance pioneers in several genres, as well as the contributions of marginalized populations to the advancement of dance as an artistic expressive form.
- demonstrate safe and correct technical execution of dance technique, as well as knowledge of proper nutrition and injury prevention techniques for optimal wellness.
- support the development of community and cultural awareness by attending and/or participating in cultural events and evaluating their relevance.
- formulate a plan for implementing practical applications for the dance degree to the real world, either professionally or for transfer to university.

Career Information

Career options related to dance will be explored and emphasized during the course of studies for this A.A. Degree. Careers including performing, teaching, teacher training, choreography, dance studio business ownership, pedagogy, dance movement therapy and non-profit arts management will jump start or enhance studentsâ€™ understanding of work options, buttressed by comprehensive academically rigorous classes that will sharpen their leadership and critical thinking skills, preparing students for success both academically and in the workplace.

Dance (DANCE) Courses

DANCE 301 Belly Dancing

Units: 1

Hours: 54 hours LAB

Course Family: Cultural Dance

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course will introduce basic steps, styles, instruments, and rhythms associated with various forms of Belly Dancing. Lecture will encompass the historical and cultural placement of at least three styles from inception to contemporary applications. Lab work will include warm up exercises, movement combinations, and dance choreography appropriate to a variety of North African, Near East, and Middle Eastern styles and techniques. Upon completion of this course, students will be able to critically discuss the social, cultural, and historical context of Belly Dance as well as perform basic steps in a choreographed routine. Students will be responsible for obtaining appropriate dance attire for rehearsal and performance. A field trip or fieldwork may be required and could incur a fee.

DANCE 309 Introduction to Dance

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course will introduce basic steps, styles and rhythms associated with at least three dance disciplines including, but not limited to, ballet, jazz, modern, hip-hop, lyrical/contemporary, hula, bellydance, Congolese or Ugandan, Bollywood or Bharata Natyam, Argentine tango or other world forms of dance. Lecture will encompass the historical and cultural placement of at least three dance styles from inception to current media trends. Lab will include warm up exercises, movement combinations and dance choreography appropriate to each dance style. Upon completion of this course, students will have experienced performing a variety of dance styles and techniques and be able to critically discuss the socio-cultural and historical context of each style. Students will be responsible for obtaining appropriate dance attire.

DANCE 310 Jazz Dance I

Units: 1

Hours: 54 hours LAB

Course Family: Jazz Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course provides an introduction to jazz dance technique. Students will become proficient at warm up, center and across the floor exercises focused on control, balance and flexibility. Across the floor combinations will emphasize alignment, style, and technical progression, leading to memorized choreography. The origins of jazz dance will be surveyed, as well as some basic theoretical perspectives used to analyze the social, cultural and political issues involving jazz as an artistic expressive form. Students will need to purchase appropriate dance attire and shoes.

DANCE 312 Jazz Dance II

Units: 1

Hours: 54 hours LAB

Course Family: Jazz Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course provides an exploration of level II jazz dance techniques and style, building on skills learned in the previous level. Students will examine the influences of theatrical dance within the jazz dance genre. Mid-20th century social and cultural issues involving jazz as an artistic expressive form will be surveyed, as well as some theoretical perspectives to analyze jazz dance as culturally relevant. This course is for students with previous dance training, and students must have appropriate dance shoes and attire.

DANCE 313 Jazz Dance III

Units: 1

Hours: 54 hours LAB

Course Family: Jazz Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This intermediate dance class augments the fundamental jazz skills learned in previous levels with a further focus on proper technique and alignment, while performing more complex combinations and exploring different rhythms and styles, utilizing such skills as ballet, African and theatrical movement vocabularies. Social issues in the late 20th century, including globalization and popularization of jazz as an artistic expressive form will be surveyed, as well as analysis of jazz dance in contemporary media. This course is for students with previous dance training, and students must provide appropriate dance shoes and attire.

DANCE 314 Jazz Dance IV

Units: 1

Hours: 54 hours LAB

Course Family: Jazz Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

Jazz Dance IV offers students an opportunity to work in more complex movement studies building on skills acquired with previous experience in jazz technique. Quicker, more intricate combinations in center floor will be sequenced into challenging across the floor combinations. Progressive technique for multiple jazz turns and leap patterns with an emphasis on changes of directions, dynamics, and levels will culminate in final choreography. Students will assess the socio-cultural media influences shaping jazz dance today, looking at postmodern theory to analyze jazz dance as culturally relevant. This course is for students with previous dance training, and students must acquire appropriate dance shoes and attire.

DANCE 320 Ballet I

Units: 1

Hours: 54 hours LAB

Course Family: Ballet Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course provides an introduction to foundational ballet technique, examining the historical development of ballet and its transmission throughout Europe prior to the 1800's. In this course students will learn to perform beginning level ballet positions, barre warm up exercises, turns and techniques safely and precisely. Center and across the floor exercises will focus on increased control, strength and balance. Students will develop a ballet movement vocabulary and will be able to

apply ballet terminology appropriately. Students will be able to evaluate ballet as a movement theory and an art form, using basic theoretical models to analyze dance as culturally meaningful. Students will be responsible for purchasing appropriate dance attire and ballet shoes.

DANCE 321 Ballet II

Units: 1

Hours: 54 hours LAB

Course Family: Ballet Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

Ballet II provides students a review of basic ballet vocabulary and technique, offering an opportunity to perfect basic steps while introducing new combinations at the barre, center floor and across the floor. In this course students will learn to perform level II ballet steps safely and precisely, developing a more complex ballet movement vocabulary and be able to apply ballet terminology appropriately. Students will be able to evaluate ballet using basic theoretical models to analyze ballet as a transnational craft, analyzing the historical origins of ballet to support a deeper understanding of ballet technique and its development in Europe prior to the 20th century. Students are responsible for purchasing appropriate dance attire and ballet shoes.

DANCE 322 Ballet III

Units: 1

Hours: 54 hours LAB

Course Family: Ballet Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course in Ballet III provides a progression from level II barre, center, and across the floor exercises with an emphasis on the anatomy that governs ballet mechanics. Additional movement vocabulary and a refinement in paulement, adagio and allegro sequences will be expected. The contributions of early 20th century choreographers and dancers will be highlighted along with level III variations. Students may present their class choreography in a final showcase performance. This course is for students who have successfully completed Ballet II or equivalent, and students must provide appropriate ballet shoes and ballet dress code attire.

DANCE 323 Ballet IV

Units: 1

Hours: 54 hours LAB

Course Family: Ballet Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course is intended for students with ballet experience, and provides a progression from level III barre, center, and across the floor exercises with an opportunity for pre-pointe work, floor barre, conditioning, and variations. Technique and sequences at this level will require a refinement of intermediate steps and variations, as well as breathing techniques for muscular strength and endurance exercises. The contributions of contemporary ballet choreographers, dancers and companies will be highlighted in lecture. Students may showcase their work in a final semester-end performance. This course is for students who have successfully completed Ballet III or the equivalent, and students must supply appropriate ballet shoes and ballet dress code attire.

DANCE 327 Ballet Conditioning: Pre-Pointe & Pointe I

Units: 1

Hours: 54 hours LAB

Course Family: Ballet Technique

Prerequisite: DANCE 320 (Ballet I), 321 (Ballet II), 322 (Ballet III), or 323 (Ballet IV) with a grade of "C" or better, or instructor consent.

Transferable: CSU; UC

General Education: Local GE L7A

This course covers the elements and rigors necessary to prepare for dancing on pointe. Students will apply conditioning exercises kinesthetically, and will also learn anatomy through lecture on proper physical alignment. Emphasis is on assessing readiness, ensuring that the strength and structure of the body is appropriate for pointe work, lessening the risk of injury in pointe shoes. Students will be required to supply appropriate dance attire and dance shoes, which will incur a fee. The course will be taken in flat ballet shoes. Students may wear pointe shoes with instructor approval only.

DANCE 328 Ballet Conditioning: Pre-Pointe & Pointe II

Units: 1

Hours: 54 hours LAB

Course Family: Ballet Technique

Prerequisite: DANCE 320 (Ballet I), 321 (Ballet II), 322 (Ballet III), or 323 (Ballet IV) with a grade of "C" or better, or instructor consent.

Transferable: CSU; UC

General Education: Local GE L7A

This course covers the elements and rigors necessary to prepare for dancing on pointe. Students will apply level II conditioning exercises kinesthetically, and will also learn anatomy through lecture on proper physical alignment. Emphasis is on assessing readiness, ensuring that the strength and structure of the body is appropriate for pointe work, lessening the risk of injury in pointe shoes. Students will be required to supply appropriate dance attire and dance shoes, which will incur a fee. The course will be taken in flat ballet shoes. Students may wear pointe shoes with instructor approval only.

DANCE 329 Ballet Repertory

Units: 1

Hours: 54 hours LAB

Course Family: Ballet Technique

Prerequisite: DANCE 320, 321, 322, or 323 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L7A

This course provides an introduction to historically relevant ballet works from the 1600s through present day, examining the development of subsequent landmark ballets, their transmission throughout Europe during the 1800s, and then the advent of neo-classical ballet starting in the 1900s to the postmodern ballet of the present day. Students will be able to execute choreographic selections
Students will be able to execute choreographic combinations indicative of the Italian Balli, French Court, Baroque, and Romantic eras, as well as signature works from the 20th and 21st centuries, distinguishing cultural relevance for each unique repertory of movement. Students will be responsible for purchasing appropriate dance attire and ballet shoes for rehearsal and performance.The course will be taken in flat ballet shoes. Students may wear pointe shoes with instructor approval only.

DANCE 330 Modern Dance I

Units: 1

Hours: 54 hours LAB

Course Family: Modern Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course provides an introduction to elementary modern dance techniques, concepts and choreography, examining the role of modern dance pioneers, social rebellion, women's issues and dance history. The social, cultural and political issues involving modern dance will be surveyed, as well as some basic theoretical perspectives used to analyze the origins of Modern dance. Students will develop increased technical facility in the performance of modern dance movements while improving kinesthetic awareness, strength and flexibility. A review of modern dance history and an exploration of choreographic principles will enhance understanding of the creative and expressive foundations of this art form. Students will be responsible for purchasing appropriate dance attire.

DANCE 332 Modern Dance II

Units: 1

Hours: 54 hours LAB

Course Family: Modern Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

Modern Dance II provides an augmentation to elementary modern dance techniques, concepts and choreography. A review of modern dance history and an exploration of choreographic principles will enhance understanding of the creative and expressive foundations of this art form, while students will examine the role of second generation modern dance pioneers. The social, cultural and political issues involving modern dance as an artistic expressive form will be surveyed, as well as some basic theoretical perspectives used to analyze the development of modern dance during the early 20th century. Students will develop increased technical facility in the performance of level II modern dance movements while improving kinesthetic awareness, creativity and rhythm. This course is intended for students who have successfully completed Modern Dance I or have previous dance training.

DANCE 333 Modern Dance III

Units: 1

Hours: 54 hours LAB

Course Family: Modern Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

Modern Dance III provides an exploration of modern dance techniques and movement concepts pioneered in the late 20th century, examining the role of postmodern theory in the development of movement ideas and choreography. Students will develop increased technical facility in the performance of modern dance level III movements while improving kinesthetic awareness and choreographic memorization. A review of modern dance history and an exploration of choreographic principles will enhance understanding of the creative and expressive foundations of this art form. This course is intended for students who have successfully completed Modern Dance II or have previous dance training.

DANCE 334 Modern Dance IV

Units: 1

Hours: 54 hours LAB

Course Family: Modern Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

Modern Dance IV continues to develop fundamental modern dance skills learned in the previous levels, focusing on proper alignment and technique while performing complex combinations and developing a personal style. There will be opportunities for creative exploration and self-expression through the use of choreographic assignments in improvisation and movement messaging utilizing problem-solving techniques. Students will review the history of the development of modern dance, and assess the relevance of postmodern dance. Students will cultivate unique projects for a comprehensive understanding the contemporaneous relevance of this dance form. This course is intended for students who have successfully completed Modern Dance III or have previous dance training.

DANCE 351 Hip Hop I

Units: 1

Hours: 54 hours LAB

Course Family: Hip Hop Technique and Competition

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course will introduce students to rudimentary elements of urban Hip Hop dance style and culture. Conditioning exercises and drills will be incorporated to develop the physical skills and capabilities necessary to execute basic Hip Hop movement. The movements will be instructor choreographed, but will allow the opportunity for students to express their individuality and creativity by developing signature techniques, as well as group formations. Students will compete in small groups as part of the experience. The historical foundations of Hip Hop dance will also be examined with emphasis placed on the positive message that Hip Hop culture brings to today's society. No previous dance experience is necessary. Low traction, comfortable athletic shoes and loose fitting clothing will be required, and some students may wish to wear knee pads. This course is not open to students who have previously received credit for Dance 311.

DANCE 352 Hip Hop II

Units: 1

Hours: 54 hours LAB

Course Family: Hip Hop Technique and Competition

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course allows for further study of Hip-Hop I dance and continues the development of technique and style on a more comprehensive level. Hip Hop II presents rigorous exercises for improved strength and kinesthetic awareness, using a new vocabulary of intricate steps, with an emphasis on rhythmic movement choices and musicality. The focus is on locomotor movements across the floor to improve smooth execution and center combinations to develop steps done in hard-hitting percussive styles with a progression in technical difficulty. Students will have more opportunity to explore freestyle movement and participate in session work. The theoretical emphasis of this class will cover the progression of Hip-Hop culture from inception to the current trends of today. Low traction, comfortable athletic shoes and loose fitting clothing will be required, and some students may wish to wear knee pads.

DANCE 353 Hip Hop III

Units: 1

Hours: 54 hours LAB

Course Family: Hip Hop Technique and Competition

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course emphasizes style, technical precision, strength, agility, and the cultivation of urban dance somatics. Dance combinations will introduce new styles and increase the degree of difficulty with center floor work. Urban Hip Hop III dance combinations will be taught covering various styles within hip hop dance genre, and students will work in groups to create a final presentation that expands the teacher choreographed dance into a full length performance piece, utilizing choreographic elements and student choreography. The theoretical emphasis of this course will cover the development of the various styles of hip hop dance including, but not limited to: b-boying/b-girling, breaking, krumping, popping, locking, and tutting. Low traction, comfortable athletic shoes and loose fitting clothing will be required, and some students may wish to wear knee pads.

DANCE 354 Hip Hop IV

Units: 1

Hours: 54 hours LAB

Course Family: Hip Hop Technique and Competition

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course is for students with previous Hip Hop dance training, and builds on the foundation provided in Dance 353. It will focus on improvisation, freestyle, cyphering, and battling. Musicality and storytelling are explored along with floor work, rapid tempos, and building upper body strength. Low traction, comfortable athletic shoes and loose fitting clothing will be required, and some students may wish to wear knee pads.

DANCE 360 Tap Dance I

Units: 1

Hours: 54 hours LAB

Course Family: Tap Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course introduces basic rhythms, steps, technique, alignment, and footwork associated with various sub-genres of tap dance. It provides a foundation in tap dance history and etiquette using tap dance vocabulary along with their origins. This course is for students with little or no tap dance training. Students will be required to purchase appropriate dance attire and to see a live performance, which may incur a fee.

DANCE 361 Tap Dance II

Units: 1

Hours: 54 hours LAB

Course Family: Tap Dance Technique

Prerequisite: DANCE 360 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L7A

This course offers an opportunity to continue the study of tap dance with more complex rhythms, new vocabulary, and varied methods of counting. It furthers the Level I Tap technique and instills tap rhythms, walks, alignment for balance, counts, and footwork. This course is for students with some previous tap dance training. Students will be required to purchase appropriate dance attire and to see a live performance, which may incur a fee.

DANCE 362 Tap Dance III

Units: 1

Hours: 54 hours LAB

Course Family: Tap Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course offers an opportunity to continue the study of tap dance with more complex rhythms, new vocabulary, and varied methods of counting. It furthers the technique explored in Level II Tap and instills tap rhythms, walks, alignment for balance, counts, and footwork. This course is for students with some previous tap dance training. Students will be required to purchase appropriate dance attire and to see a live performance, which may incur a fee.

DANCE 363 Tap Dance IV

Units: 1

Hours: 54 hours LAB

Course Family: Tap Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course offers an opportunity to continue the study of tap dance with more complex rhythms, new vocabulary, and varied methods of counting. It furthers the technique explored in Level III Tap and instills

tap rhythms, walks, alignment for balance, counts, and footwork. This course is for students with some previous tap dance training. Students will be required to purchase appropriate dance attire and to see a live performance, which may incur a fee.

DANCE 377 Musical Theatre Dance I

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Course Family: Musical Theatre Dance

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course provides students an opportunity to explore the musical theatre genre, including dance movement, audition techniques, singing and acting basics as well as analysis of fundamental theoretical concepts associated with the early American musical at the turn of the twentieth century. Lectures and movement activities will highlight the historical context of early musicals, and trace how musicals are reflective of society. Students will engage in basic dance technique exercises, as well as learn musical theatre choreography, culminating in a formal presentation of group choreography. Previous experience with musical theatre dance is not required. Students must acquire appropriate dance shoes and attire for both rehearsal and performance, which will incur a fee.

DANCE 378 Musical Theatre Dance II

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Course Family: Musical Theatre Dance

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

Musical Theatre Dance II will explore fundamental physical and theoretical concepts associated with the social, historical and political forces that shaped, and continue to shape, the development of the American musical. From early Vaudeville variety format to the structuralist model of the integrated musical, this class will also delve into the advent of the postmodern genre. Musical Theatre Dance II is focused on 20th and early 21st century trends in musical theatre. Dance steps, patterns and sequences will aid in the physical understanding and historical chronicling of the lineage of theatrical dance technique, such as the rejection of the linear plot and creative use of physical space. The roles played by minority populations, people of color, same-sex orientation and various gender identities, people with disabilities, and women will be examined. Lectures and movement activities will highlight the political and social contextualization of several key musicals and resulting choreographic innovations. Students will trace how musicals are affected by social messaging and political activism, and explore how musicals may in turn affect social change. Students will engage in musical theatre dance movement studies, learn audition strategies and incorporate dance stylization and technique into choreographic exercises culminating in a formal presentation of group choreography. Previous experience with musical theatre dance is not required, but highly recommended. Students must supply appropriate dance shoes and dance attire for rehearsal and performance which will incur a fee.

DANCE 380 World Dance History

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

World Dance History will survey the development of dance traditions around the world from antiquity to the present day, applying basic theoretical models to analyze dance as culturally meaningful. The course will explore how/why dance is created, borrowed/exploited, hybridized and revered in human culture. The impact of social, political, economic, cultural and religious forces shaping dance throughout history will be examined. Cross-cultural transmissions of movement stylization will inform the students' understanding of dance chronology and theory.

DANCE 381 Pedagogy: Theory and Practice

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

This course is designed to integrate the student's physical knowledge of dance technique with the pedagogical theory and practice of dance teaching with particular emphasis on social and cultural aspects of pedagogical theory in multiple settings. Effective methodologies for the teaching of safe and correct dance technique will be explored, specifically on how to guide beginning level dancers to intermediate and more advanced levels in a logical, progressive, and responsible manner. Students will gain an understanding of how particular problems and solutions within dance curriculum are organized and presented

effectively for optimal success as a dance educator. This course emphasizes pedagogical structure and theory, adapted to the diverse interests and abilities of learners, and incorporates off-site classroom observation, lesson planning, classroom teaching and classroom management techniques. The principles, techniques, and materials used in the teaching of dance will culminate in a Teaching Practicum.

DANCE 382 Fitness Injury Prevention and Management

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Transferable: CSU

General Education: Local GE L7B

This course is an introduction to injury identification, prevention and management. Nutrition for optimal performance in athletics and dance will also be discussed. Students may be required to provide minor first aid supplies such as elastic wrap or athletic tape. This course does not discuss extreme trauma injuries. Not open to students who have completed KINES 417.

DANCE 383 The Business of Dance

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Transferable: CSU

The Business of Dance encompasses a comprehensive overview of the possible professional applications for a student studying dance. Careers such as professional dancer, choreographer, company director, dance historian, dance critic, dance educator, dance studio owner, dance movement therapist and non-profit arts management will be explored. Students will be expected to conceptualize, understand, and begin to implement strategies for workplace applicability in their area of emphasis in relation to dance. This course requires an offsite visit to a dance related place of employment.

DANCE 387 Dance Entrepreneurship

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

General Education: Local GE L7B

This course is designed to assist dance majors in approaching their career with an entrepreneurial mindset, facilitating the identification of a productive professional pathway in the dance industry. Course content includes a survey of historical professional applications for dance, as well as theoretical models in entrepreneurship to structure an alignment of strengths with career goals in the twenty-first century dance industry. Students will learn the qualities of a successful dance professional and requirements of various jobs such as, but not limited to, professional dancer, choreographer, physical therapist, costume designer, dance educator, dance studio business owner, dance retail, or nonprofit arts management. Employing theory and practice, students will determine authentic areas of interest and aptitudes, crafting individualized projects that engage in the creative economy where knowledge-seeking is paired with purpose-driven vision to promote risk-taking, resilience, and the ability to be adaptable as a dance professional. Other areas for study will highlight maintenance of motivation and resilience, growth mindset, professional demeanor, networking, and promotion. Navigating the demands of this field will require a refined career mission statement anchored by an entrepreneurial theoretical orientation culminating in a working business plan.

DANCE 388 Dance Education

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

General Education: Local GE L7B

This course is designed for students who wish to become a dance educator. The integration of theoretical dance pedagogy with workplace applicable practices will culminate in a capstone project placing emphasis on the teaching triad of curriculum, lesson planning, and assessment methodologies for success as a dance professional in the teaching classroom or studio. Social and cultural pedagogical approaches to inclusivity will be examined in multiple settings, and students will solve problems in the dance classroom using effective teaching techniques and classroom management. Additional topics will encompass the history of dance education, dance theory, workplace administration, organizational, and technological considerations for optimal success as a dance educator. The capstone project will incorporate off-site classroom and studio observations, theoretically sound curriculum development, efficacious lesson planning, classroom teaching, and assessment strategies in dance education culminating in a Teaching Triad Practicum and a Dance Education Professional Portfolio.

DANCE 390 Contemporary Dance I

Units: 1

Hours: 54 hours LAB

Course Family: Contemporary Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course provides an introduction to foundational Contemporary dance technique, examining the development of this popular integrated dance form that draws from Ballet, Jazz, and Modern dance. Dancers will learn to utilize existing and innovated dance phrases to communicate an emotional state or story line, developing smooth movement transitions of group choreography for performance. In this course students will learn to perform beginning level dance positions, warm up exercises, turns and techniques safely and precisely. Center and across the floor exercises will focus on control, strength and balance. Students will develop a Contemporary movement vocabulary and be able to apply classical and choreographic terminology appropriately. Students will be required to supply appropriate dance attire and dance shoes for rehearsal and performance, as well as attend a live performance which may incur a fee.

DANCE 392 Contemporary Dance II

Units: 1

Hours: 54 hours LAB

Course Family: Contemporary Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course will build on steps learned in Dance 390 to introduce level II Contemporary dance technique. This integrated dance form finds its roots in Ballet, Jazz, and Modern dance utilizing classical steps paired with uniquely innovated dance movement to communicate social and emotion narratives. Group choreography as well as individualized phrases will be developed for performance. Students will perform warm up exercises, turns and leaps safely and precisely. Center and across the floor patterns will focus on increased control, strength and flexibility. Students will further develop a Contemporary movement vocabulary applying terminology appropriately to evaluate Contemporary dance as a movement theory and an art form in the 21st century. Students will be required to supply appropriate dance attire and dance shoes for rehearsal and performance, as well as attend a live performance which may incur a fee.

DANCE 393 Contemporary Dance III

Units: 1

Hours: 54 hours LAB

Course Family: Contemporary Dance Technique

Prerequisite: None.

Transferable: CSU; UC

This course progresses the skills and concepts learned in previous levels of Contemporary dance technique. Level III will examine the fundamentals of Ballet, Jazz, and Modern dance in relation to the development of Contemporary dance as a communicative expressive form. Students will engage in warm up exercises, turns, leaps, and movement phrases with safety and precision in mind as they develop muscular control and flexibility. Students will apply dance terminology appropriately and create group choreography for a performance setting. Students will be required to supply appropriate dance attire and dance shoes for rehearsal and performance, as well as attend a live performance which may incur a fee.

DANCE 394 Contemporary Dance IV

Units: 1

Hours: 54 hours LAB

Course Family: Contemporary Dance Technique

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This Contemporary Dance level IV course will extend the codified techniques of Ballet, Jazz, and Modern dance into narrative themes utilizing this 21st century expressive form. Students will participate in warm up exercises, turns, leaps, and movement phrases to better develop strength, muscular control, and flexibility. Students will synthesize dance terms and choreographic principles to create thematically meaningful choreography for formal performance. Students will be required to supply appropriate dance attire and dance shoes for rehearsal and performance, as well as attend a live performance which may incur a fee.

DANCE 410 Dance Composition and Production I

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Course Family: Dance Composition and Production

Prerequisite: None.

Enrollment Limitation: Students must audition for admission into Dance Composition and Production the first week of class.

Transferable: CSU; UC

General Education: Local GE L7A

This course is designed to give students the opportunity to choreograph and perform dance at the college level. Students will improve technique and experience several dance styles by exploring fundamental concepts of dance composition and movement through improvisation, as well as understand the role of the choreographer in dance production. Choreographic projects will culminate into a semester-end showcase. Students with some dance experience in any genre of dance are encouraged to audition for admission into this class. Dancers will be responsible for acquiring appropriate dance shoes and attire for rehearsal and performance, which will incur a fee. This course was formerly known as Dance 372. This course is not open to students who have received credit for Dance 372.

DANCE 411 Dance Composition and Production II

Units: 2

Hours: 36 hours LEC; 54 hours LAB

Course Family: Dance Composition and Production

Prerequisite: None.

Enrollment Limitation: Students must audition for admission into Dance Composition and Production the first week of class.

Transferable: CSU; UC

General Education: Local GE L7A

Students of Dance Composition and Production II will incorporate choreographic dance concepts and techniques using locomotor skills, axial movement, dynamics, direction, time, improvisation, and rhythm to create an individual approach to choreography. Using the seven qualities of movement, phrases, functions of staging and focal directives, students will utilize these concepts in a performance application. Students with intermediate or advanced level experience in any genre of dance are encouraged to audition for admission into this class. Students will be responsible for acquiring appropriate dance shoes and attire for rehearsal and performance, which will incur a fee.

DANCE 412 Dance Composition and Production III

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Course Family: Dance Composition and Production

Prerequisite: None.

Enrollment Limitation: Students must audition for admission into Dance Composition and Production the first week of class.

Transferable: CSU; UC

General Education: Local GE L7A

Dance Composition and Production III dancers will synthesize choreographic principles of dance through improvisation and manipulation movement studies, using critical and creative thinking skills. Students will improve technique by exploring stylization, progressive concepts of dance composition, as well as understand the role of the stage manager in dance production. Professional standards for performing on tour will augment possible teaching and performing outreach projects. Students with intermediate or advanced level experience in any genre of dance are encouraged to audition for admission into this class. Students will be responsible for acquiring appropriate dance shoes and attire for rehearsal and performance, which will incur a fee.

DANCE 413 Dance Composition and Production IV

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Course Family: Dance Composition and Production

Prerequisite: None.

Enrollment Limitation: Students must audition for admission into Dance Composition and Production the first week of class.

Transferable: CSU; UC

General Education: Local GE L7A

This course provides dancers at the pre-professional level an opportunity to audition, choreograph and perform. With emphasis on the art of creating effective dance compositions, students will integrate more complex resources and tools using theme, design, dynamics, rhythm, and motivation with the application of symmetry, asymmetry, phrasing of dance, and stage space. Choreography will result in a formal performance. Students with intermediate or advanced level experience in any genre of dance are encouraged to audition for admission into this class. Students will be responsible for acquiring appropriate dance shoes and attire for rehearsal and performance, which will incur a fee.

DANCE 436 Musical Theatre Dance Production and Performance I

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Course Family: Dance Performance Group

Prerequisite: None.

General Education: Local GE L7A

Focusing on the development of the early American musical from the late 19th century to the Golden Age of Musicals, Musical Theatre Dance Production and Performance I provides a platform for the development of dance skills utilized in the first quarter of American musical theatre history as well as a performing opportunity in a professional stage setting. Students will be led through an audition experience which will incorporate dance stylization and technique with emphasis on the social and theatrical dance forms relevant to the early period to the Golden Age of American musical theatre. During coursework, the dance steps, formations, and across the floor sequences will aid in the physical understanding and historical chronicling of the lineage of theatrical dance technique, as well as highlight the political and social contextualization of several key musicals from the era. During the production phase of the course, students will be guided through and included in the creation of choreography and production process, including overviews of the importance of staging, lighting, and costuming, and the culmination of the production as a formal presentation on stage or other performance venue. Previous experience with musical theatre dance is not necessary. Students must acquire appropriate dance shoes and attire for both rehearsal and performance, which will incur a fee.

DANCE 437 Musical Theatre Dance Production and Performance II

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Course Family: Dance Performance Group

Prerequisite: None.

General Education: Local GE L7A

Focusing on the development of the Golden Age of Musicals to the 1970s, Musical Theatre Dance Production and Performance II provides a platform, building on the previous level, for the development of dance skills utilized in the second quarter of American musical theatre history as well as a performing opportunity in a professional stage setting. Students will be led through an audition experience which will incorporate dance stylization and technique with emphasis on the social and theatrical dance forms relevant to the Golden Age of American musical theatre through the 1970s. During coursework, the dance steps, formations, and across the floor sequences will aid in the physical understanding and historical chronicling of the lineage of theatrical dance technique, as well as highlight the political and social contextualization of several key musicals from the era. During the production phase of the course, students will be guided through and included in the creation of choreography and production process, including overviews of the importance of staging, lighting, and costuming, and the culmination of the production as a formal presentation on stage or other performance venue. This course is for those with previous experience with musical theatre. Students must acquire appropriate dance shoes and attire for both rehearsal and performance, which will incur a fee.

DANCE 438 Musical Theatre Dance Production and Performance III

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Course Family: Dance Performance Group

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

Focusing on the development of the American Musicals from the 1980s to the turn of the century, Musical Theatre Dance Production and Performance III provides a platform, building on the previous levels, for the development of dance skills utilized in the third quarter of American musical theatre history as well as a performing opportunity in a professional stage setting. Students will be led through an audition experience which will incorporate dance stylization and technique with emphasis on the social and theatrical dance forms relevant to the 1980s through turn of the 21st century. During coursework, the intermediate dance steps, formations, and across the floor sequences will further aid in the physical understanding and historical chronicling of the lineage of theatrical dance technique, as well as highlight the political and social contextualization of several key musicals from the era. During the production phase of the course, students will be guided through and included in the creation of choreography and production process, including overviews of the importance of staging, lighting, and costuming, and the culmination of the production as a formal presentation on stage or other performance venue. This course is for those with previous experience with musical theatre. Students must acquire appropriate dance shoes and attire for both rehearsal and performance, which will incur a fee.

DANCE 439 Musical Theatre Dance Production and Performance IV

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Course Family: Dance Performance Group

Prerequisite: None.

General Education: Local GE L7A

Focusing on the development of the American Musicals from the turn of the century through the present, Musical Theatre Dance Production and Performance IV provides a platform, building on the previous levels, for the development of dance skills utilized in the fourth quarter of American musical theatre history, as well as a performing opportunity in a professional stage setting. Students will be led through an audition experience which will incorporate dance stylization and technique with emphasis on the social and theatrical dance forms relevant to the turn of the 21st century to the present. During coursework, the increasingly complex dance steps, formations, and across the floor sequences will further aid in the physical understanding and historical chronicling of the lineage of theatrical dance technique, as well as highlight the political and social contextualization of several key musicals from the era. During the production phase of the course, students will be guided through and included in the creation of choreography and production process, including overviews of the importance of staging, lighting, and costuming, and the culmination of the production as a formal presentation on stage or other performance venue. This course is for those with previous experience with musical theatre. Students must acquire appropriate dance shoes and attire for both rehearsal and performance, which will incur a fee.

DANCE 440 Performing and Touring Group: MOSAIC Dance Company I

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Touring Group Performance and Production

Prerequisite: None.

Enrollment Limitation: Enrollment in this course and participation in MOSAIC Dance Company is granted only through a successful completion of the formal dance audition process at Folsom Lake College. Intermediate and advanced students of dance are encouraged to audition.

Transferable: CSU; UC

General Education: Local GE L7A

MOSAIC Dance Company I is a course designed to provide audition experiences and performance opportunities for intermediate and advanced dancers at the pre-professional level. MOSAIC dancers will represent the Folsom Lake College Dance Program in the community through public performance. This course emphasizes audition skills, choreography techniques, and professional standards for production coordination. Student may be exposed to several genres of dance including but not limited to: Ballet, Jazz, Tap, Hip-Hop, Lyrical, Contemporary and other cultural styles. Students must acquire appropriate dance shoes and attire for rehearsals and performance, which will incur a fee. Students are admitted into MOSAIC Dance Company by audition only.

DANCE 441 Performing and Touring Group: MOSAIC Dance Company II

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Touring Group Performance and Production

Prerequisite: None.

Enrollment Limitation: Enrollment in this course and participation in MOSAIC Dance Company is granted only through a successful completion of the formal dance audition process at Folsom Lake College. Intermediate and advanced students of dance are encouraged to audition.

Transferable: CSU; UC

General Education: Local GE L7A

MOSAIC Dance Company II is a course designed to provide performance opportunities for intermediate and advanced dancers at the pre-professional level. MOSAIC dancers will represent the Folsom Lake College Dance Program in the community through teaching and performing outreach projects, which may involve travel. Students will collaborate and implement a dance education outreach project, as well as understand professional standards for lesson planning and outreach programming. Dancers may be exposed to several genres of dance including but not limited to: Ballet, Jazz, Tap, Hip-Hop, Lyrical, Contemporary and other cultural styles. Students must supply appropriate dance shoes and attire for rehearsals and performance, which will incur a fee. Students are admitted into MOSAIC Dance Company by audition only.

DANCE 442 Performing and Touring Group: MOSAIC Dance Company III

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Touring Group Performance and Production

Prerequisite: None.

Enrollment Limitation: Enrollment in this course and participation in MOSAIC Dance Company is granted only through a successful completion of the formal dance audition process at Folsom Lake College. Intermediate and advanced students of dance are encouraged to audition.

Transferable: CSU; UC

General Education: Local GE L7A

MOSAIC Dance Company III is a course designed to provide a touring performance opportunity for intermediate and advanced dancers at the pre-professional level. MOSAIC dancers will represent the Folsom Lake College Dance Program in the community through a performance tour, which will involve some travel. Students will review audition skills, choreography techniques, and production coordination requirements for performing on tour. Dancers may be exposed to several genres of dance including but not limited to: Ballet, Jazz, Tap, Hip-Hop, Lyrical, Contemporary and other cultural styles. Students must acquire appropriate dance shoes and attire for rehearsals and performance, which will incur a fee. Students are admitted into MOSAIC Dance Company by audition only.

DANCE 443 Performing and Touring Group: MOSAIC Dance Company IV

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Course Family: Touring Group Performance and Production

Prerequisite: None.

Enrollment Limitation: Enrollment in this course and participation in MOSAIC Dance Company is granted only through a successful completion of the formal dance audition process at Folsom Lake College. Intermediate and advanced students of dance are encouraged to audition.

Transferable: CSU; UC

General Education: Local GE L7A

MOSAIC Dance Company IV is a course designed to provide performance opportunities for intermediate and advanced dancers at the pre-professional level. MOSAIC dancers will represent the Folsom Lake College Dance Program in the community through group performance in a formal concert setting. Students will review and refine audition skills, choreography techniques, professional standards for performing on tour, as well as implementation of education outreach projects, which may involve travel. Dancers may be exposed to several genres of dance including but not limited to: Ballet, Jazz, Tap, Hip-Hop, Lyrical, Contemporary and other cultural styles. Students must acquire appropriate dance shoes and attire for rehearsals and performance, which will incur a fee. Students are admitted into MOSAIC Dance Company by audition only.

DANCE 495 Independent Studies in Dance

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

DANCE 498 Work Experience in Dance

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

DANCE 499 Experimental Offering in Dance

Units: 0.5 - 4

Hours: 54 hours LAB

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Deaf Culture and American Sign Language Studies

Overview

Note: These experimental Deaf Culture and American Sign Language Studies (DEAF) offerings are in addition to Folsom Lake College's robust Sign Language Studies curriculum. Go to the Sign Language Studies program page (https://flc.losrios.edu/academics/programs-majors/sign-language-studies) for more information.

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Deaf Culture and American Sign Language Studies (DEAF) Courses

DEAF 299 Experimental Offering in Deaf Culture and American Sign Language Studies

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

DEAF 499 Experimental Offering in Deaf Culture and American Sign Language Studies

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Early Childhood Education

Overview

The Folsom Lake College early childhood education (ECE) curriculum primarily focuses on the period from birth to eight years old, when brain development is at its peak. The program takes a holistic approach to the cognitive, physical, and psychosocial development of children, and is designed to serve as a basis for lifelong learning and to support their well-being. FLC's program produces equity-minded early childhood educators capable of nurturing, educating, and advocating for all children and their families.

The Early Childhood Education Program offers students multiple academic pathways along a career ladder. Completion of these programs verify students' knowledge, skills, and abilities to meet the following pathways:

- Transfer to 4-year colleges
- Employment as assistants, teachers, and directors of private child care programs licensed by the California State Department of Social Services (Title 22) (http://www.cdss.ca.gov/inforesources/Letters-Regulations/Legislation-and-Regulations/Community-Care-Licensing-Regulations)
- Employment as assistants, teachers, and directors of state funded child development programs regulated by the California Department of Education (Title 5). Child Development Permits are required in Title 5 programs and are issued by the California Commission on Teacher Credentialing (https://www.ctc.ca.gov/credentials/req-child-dev)

Note: Students enrolled in coursework that requires lab work in early childhood education programs must show proof of TB clearance completed within the past six months and documentation of all required immunizations. Lab placements may also require fingerprinting.

Degrees and Certificates Offered

A.S.-T. in Early Childhood Education for Transfer

A.A. in Early Childhood Education

A.A. in ECE-Site Supervisor

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

Early Childhood Education Teacher Certificate

ECE-Infant Specialist Certificate

ECE-Master Teacher Certificate

ECE-Assistant Teacher Certificate

ECE-Associate Teacher Certificate

Division Dean: Dr. Rose Giordano

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Associate Degrees for Transfer

A.S.-T. in Early Childhood Education for Transfer

The Associate in Science in Early Childhood Education for Transfer Degree program provides students with a major that fulfills the general requirements of the California State University for transfer. Students with this degree will receive priority admission with junior status to the California State University system. Students interested in transferring to a CSU campus to pursue a bachelor's degree in Early Childhood Education should meet with a counselor to confirm the courses required for lower-division preparation in the major.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) The California General Education Transfer Curriculum (CAL-GETC).
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer also require that students must earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
ECE 300	Introduction to Principles and Practices in Early Childhood Education	3
ECE 312	Child Development (3)	3
ECE 314	The Child, the Family and the Community	3
ECE 320	Curriculum and Interactions in Early Childhood Education	4
ECE 321	Advanced Practicum in Early Childhood Education	4
ECE 326	Making Learning Visible Through Observation and Documentation	3
ECE 415	Children's Health, Safety and Nutrition (3)	3
ECE 430	Culture and Diversity in Early Childhood Education	3
Total Units:		**26**

The Associate in Science in Early Childhood Education for Transfer for Transfer (AS-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- synthesize child development research with principles and practices in Early Childhood Education in order to create early learning environments that are respectful, supportive, and challenging for all children from infancy through adolescence.
- design inclusive, culturally and linguistically appropriate environments, based on child development theories and practices, as well as child observations, shared family information, and culturally diverse child rearing practices.
- incorporate strategies for building respectful, reciprocal family and community relationships to support families and their children's development and learning.
- assess children's learning through observation, documentation, and interpretation using the outcomes to guide curriculum and teaching strategies.
- recommend developmentally and culturally relevant approaches to teaching and learning that include respectful, supportive relationships with children and families as well as concepts in math, language, art, science and social relationships.
- demonstrate practices that maintain standards of health, nutrition and safety in early childhood settings.
- incorporate ethical standards of behavior accepted by the profession of early childhood education.

Career Information

Students graduating with the Early Childhood Education A.S for Transfer Degree will have opportunities for advanced study as Preschool and Elementary Education Teachers, Child Development Specialists, Program Directors, Child Life Specialists, Master Teachers, and Site Supervisors. Students seeking careers requiring Master's Degrees in areas such as Early Childhood Education, Child Development, Child Psychology and Special Education would benefit from the foundation of study provided in the Early Childhood Education A.S. for Transfer Degree.

Associate Degrees

A.A. in Early Childhood Education

This program provides a foundation for in-depth early childhood teacher preparation both through strong general education and through introductory studies in child development and in early childhood curriculum and pedagogy. Topics include an introduction to the profession, observation techniques, age-appropriate curriculum, the child in the context of family and culture, and health and safety practices for early childhood educators.

Degree Requirements

Course Code	Course Title	Units
ECE 300	Introduction to Principles and Practices in Early Childhood Education	3
ECE 312	Child Development (3)	3
ECE 314	The Child, the Family and the Community	3
ECE 320	Curriculum and Interactions in Early Childhood Education	4
ECE 321	Advanced Practicum in Early Childhood Education	4
ECE 326	Making Learning Visible Through Observation and Documentation	3
ECE 330	Infant and Toddler Development	3
ECE 342	Constructive Math and Science in Early Childhood Education (3)	3
ECE 343	Language and Literacy Development in Early Childhood	3
ECE 361	Introducing Young Children to Visual Arts (3)	3
or ECE 363	Music and Movement with Young Children (3)	
ECE 415	Children's Health, Safety and Nutrition (3)	3
ECE 430	Culture and Diversity in Early Childhood Education	3
Total Units:		**38**

The Early Childhood Education Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply knowledge and understanding of how children grow, develop and learn across the physical, psychosocial, cognitive, language and aesthetic domains by creating and maintaining healthy, respectful, supportive and challenging learning environments.
- build family and community relationships by identifying family and community characteristics; the practice of supporting and empowering families and communities through respectful and reciprocal relationships; and skillfully involving families and communities in children's development and learning.
- synthesize and apply multiple methods of documentation by designing, developing and implementing ethical practices and procedures that provide evidence of developmental measures and outcomes.
- design and implement developmentally and culturally appropriate curriculum, environments, and guidance techniques.
- demonstrate professionalism in the field of Early Childhood Education by actively working as a voice for children's rights; researching and provisioning resources on behalf of children, families and communities; practicing ethical standards with children, families and communities; practicing professional work ethics; and participating in professional growth activities.
- design, develop, and operate programs for children that adhere to Title 22 regulations mandated by the California Department of Human Services, Community Care Licensing Division, in order to ensure children's health and safety.
- create and maintain policies that are developmentally and culturally appropriate; promote respectfully inclusive attitudes and environments; and value multiple perspectives.
- apply acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- seek employment as a teacher in a private or public early childhood educational setting.

Career Information

Upon completion of the A.A. degree, a student possesses the course work required to work as a teacher in both private and public early learning settings, serving infants through preschool-age children. Additionally, the individual can work as a teacher in before-and-after school programs, serving school-age children.

A.A. in ECE-Site Supervisor

This program provides a foundation for in-depth early childhood teacher preparation both through strong general education and through introductory studies in child development and in early childhood curriculum and pedagogy. Topics include an introduction to the profession, observation techniques, age-appropriate curriculum, child in the context of family and culture, and health and safety practices for early childhood educators.

Degree Requirements

Course Code	Course Title	Units
ECE 300	Introduction to Principles and Practices in Early Childhood Education	3
ECE 312	Child Development (3)	3
ECE 314	The Child, the Family and the Community	3
ECE 320	Curriculum and Interactions in Early Childhood Education	4
ECE 321	Advanced Practicum in Early Childhood Education	4
ECE 326	Making Learning Visible Through Observation and Documentation	3
ECE 330	Infant and Toddler Development	3
ECE 342	Constructive Math and Science in Early Childhood Education (3)	3
or ECE 343	Language and Literacy Development in Early Childhood (3)	
ECE 361	Introducing Young Children to Visual Arts (3)	3
or ECE 363	Music and Movement with Young Children (3)	
ECE 415	Children's Health, Safety and Nutrition (3)	3
ECE 420	Administration I: Programs in Early Childhood Education	3
ECE 422	Administration II: Personnel and Leadership in Early Childhood Education	3
ECE 424	Adult Supervision: Mentoring in a Collaborative Learning Setting	2
ECE 430	Culture and Diversity in Early Childhood Education	3
Total Units:		**43**

The ECE-Site Supervisor Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate knowledge and understanding of how children grow, develop and learn across the physical, psychosocial, cognitive, language and aesthetic domains by creating and maintaining healthy, respectful, supportive and challenging learning environments.
- demonstrate knowledge and understanding of building family and community relationships by identifying family and community characteristics; the practice of supporting and empowering families and communities through respectful and reciprocal relationships; and skillfully involving families and communities in children's development and learning.
- demonstrate the ability to synthesize and apply multiple methods of documentation by designing, developing and implementing ethical practices and procedures that provide evidence of developmental measures and outcomes.
- demonstrate competence in effective teaching practices by designing and implementing developmentally and culturally appropriate curriculum, environments, and guidance techniques.
- demonstrate professionalism in the field of Early Childhood Education by actively working as a voice for children's rights; researching and provisioning resources on behalf of children, families and communities; practicing ethical standards with children, families and communities; practicing professional work ethics; and participating in professional growth activities.
- demonstrate knowledge and application of developmentally appropriate health and safety policies and practices by designing, developing and operating programs for children that adhere to Title 22 regulations mandated by the California Department of Human Services, Community Care Licensing Division, in order to ensure children's health and safety.
- demonstrate cultural competency by designing, developing and operating programs according to policies that are developmentally and culturally appropriate; promote respectfully inclusive attitudes and environments; and value multiple perspectives.

- analyze and maintain program planning, budgeting, governing boards, enrollment, and personnel in accordance with the regulations of Title 5 (California Education Code of Regulations) and Title 22 (California Social Services Code of Regulations).
- apply acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- seek employment as a site supervisor in a private or public early childhood educational setting.

Career Information

Upon successful completion of the A.A. Site Supervisor, and with appropriate documented experience, a student demonstrates knowledge, preparation and competencies to supervise single site early learning programs and to serve as coordinator of curriculum and staff development. Degree exceeds the minimum educational requirements for employment as a director/manager of a privately funded early learning program as outlined in Title 22 Department of Social Services regulations for childcare licensing.

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies in Social and Behavioral Science degree provides an interdisciplinary approach to academic studies. The purpose of the program is for students to gain an understanding of the interconnectedness of various social and behavioral sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 300	Introduction to Business (3)	
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	
BUS 345	Law and Society (3)	
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
ECON 307	Global Issues in the Political Economy (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 321	African American Policy and Law (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 331	Asian American Policy and Law (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 351	Native American Policy and Law (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
ETHNS 361	Chicana/o/x Latina/o/x Policy and Law (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	

Course Code	Course Title	Units
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 314	Recent United States History (3)	
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
KINES 308	Women in Sport (3)	
KINES 416	Psychology of Sport (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 390	Psychology of Death and Dying (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 300	Introduction to Social Work & Human Services (3)	
SWHS 302	Introduction to Psychology of Human Relations (3)	
Total Units:		18

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

Certificates of Achievement

Early Childhood Education Teacher Certificate

Upon successful completion of the Teacher Certificate, a student demonstrates knowledge, preparation and competencies for teaching in a publicly funded early learning program. Applicants must verify required experience teaching children to be recommended to the Commission on Teacher Credentialing for issuance of the Teacher Child Development Permit. Additionally, this certificate exceeds the requirements for teaching in a privately funded early learning program.

Certificate Requirements

Course Code	Course Title	Units
ECE 300	Introduction to Principles and Practices in Early Childhood Education	3
ECE 312	Child Development (3)	3
ECE 314	The Child, the Family and the Community	3
ECE 320	Curriculum and Interactions in Early Childhood Education	4
ECE 321	Advanced Practicum in Early Childhood Education	4
ECE 326	Making Learning Visible Through Observation and Documentation	3
ECE 330	Infant and Toddler Development	3
ECE 415	Children's Health, Safety and Nutrition (3)	3
ECE 430	Culture and Diversity in Early Childhood Education	3
Subtotal Units:		29

A minimum of 16 units from the following

Course Code	Course Title	Units
A minimum of 16 units from the following:		16

Course Code	Course Title	Units
To be eligible for the Child Development Permit (Teacher), students must complete 16 units in general education categories which meet graduation requirements and with at least one course in each of the following areas: English, Humanities, Social Science, Math/Science. Please refer to the General Education Requirements for a list of acceptable courses. Students must also complete experience requirements for the particular permit for which they are applying.		
A minimum of 16 units from the following Units:		16
Total Units:		**45**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- design early childhood classroom communities that build healthy, respectful, and reciprocal relationships that support and empower families, with the intention to involve all families in their children's development and learning.
- analyze, synthesize, and evaluate systematic observations, documentation, and other effective assessment strategies in a responsible way in order to guide decisions about curriculum and teaching strategies as well as to support children's development and learning.
- observe and evaluate positive relationships and supportive interactions as the foundation for work with young children.
- analyze, synthesize, and evaluate a wide array of effective approaches, strategies, and tools to support young children's development and learning.
- analyze, synthesize and evaluate young children's learning in content areas and access resources to deepen children's understanding.
- design, implement and evaluate meaningful, challenging curriculum that promotes comprehensive developmental and learning outcomes for all young children.
- analyze, synthesize, and evaluate ethical guidelines and other professional standards related of early childhood practice.
- develop continuing professional growth plan and advocate for public policy that supports children, families and the profession of early childhood education.
- apply acquired knowledge, skills, and abilities of certificate coursework toward successful completion of an Early Childhood Education Master Teacher Certificate.
- seek employment as a teacher in a private or public early childhood educational setting.

Career Information

There is a need for competent teachers in private and public Early Childhood programs. Estimates of employment positions and new openings in the entire United States, California, and Sacramento and El Dorado Counties, for this year and the coming several years, indicate current and expected continued growth in the early childhood education industry.

ECE-Infant Specialist Certificate

Upon successful completion of an Infant Specialist Certificate, and with appropriate documented experience, a student demonstrates knowledge, preparation and competencies to be an infant and toddler teacher in an early learning program. Certificate completion exceeds minimum requirements for a teacher of infants and toddlers in privately funded early childhood education programs (as required by Title 22 of the California Social Services Code of Regulations) and as an associate teacher of infants and toddlers in publicly funded early learning programs (as required by Title 5 California Education Code of Regulations.) A student who completes this certificate also possesses the course work required for the Child Development Associate Teacher Permit issued by the California Commission on Teacher Credentialing.

Certificate Requirements

Course Code	Course Title	Units
ECE 300	Introduction to Principles and Practices in Early Childhood Education	3
ECE 312	Child Development (3)	3
ECE 314	The Child, the Family and the Community	3
ECE 320	Curriculum and Interactions in Early Childhood Education	4
ECE 330	Infant and Toddler Development	3
ECE 331	Care and Education of Infants and Toddlers	3
ECE 415	Children's Health, Safety and Nutrition (3)	3
Total Units:		**22**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate and apply knowledge of infant development and the multiple influences on early development and learning to create infant and family programs that are healthy, respectful, supportive, and challenging for children from the prenatal period through the first three years after birth.

- design infant and toddler programs that build respectful, reciprocal family relationships that support optimal infant and toddler development and learning both at home and in group care settings.
- incorporate systematic assessment strategies using observation, documentation, and interpretation in order to guide decisions about support for infant and toddler development and curriculum.
- design, implement, and evaluate developmentally effective curriculum and teaching plans that tie knowledge of academic content to meaningful and challenging learning environments for infants and toddlers in a collaborative effort with colleagues.
- develop continuing professional growth plan and advocate public policy that supports infants, toddlers, their families and the profession of early childhood education.
- apply acquired knowledge, skills, and abilities of certificate coursework toward successful completion of an A.A. degree in Early Childhood Education.
- seek employment as an infant or toddler teacher in a private or public early childhood educational setting.

Career Information

One of the most dramatic increases in recent years has been in infant and toddler programs. In fact, center-based care for infants and toddlers represents the fastest growing type of early childhood program today so there is a huge demand for infant specialists.

ECE-Master Teacher Certificate

The Master Teacher Certificate meets the requirements for teaching in a publicly funded early care and education program. Upon successful completion of the Master Teacher Certificate, students will demonstrate knowledge, preparation and competencies to be a lead or supervising teacher in early learning programs, mentor teacher for practicum students, or coordinator of curriculum and staff development. The Master Teacher Certificate requires an additional 6 units of specialized study beyond the teacher level certificate, allowing students to select a focus of study which may include: Science, Technology, Engineering, Art, and Mathematics (STEAM), Art with Children, Bilingual/Bicultural Development, Children with Exceptional Needs, Children's Health, Safety and Nutrition, Infant and Toddler Care and Music with Children. Applicants must verify required experience teaching children and supervising staff to be recommended to the California Commission on Teacher Credentialing for issuance of the Master Teacher Child Development Permit.

Certificate Requirements

Course Code	Course Title	Units
ECE 300	Introduction to Principles and Practices in Early Childhood Education	3
ECE 312	Child Development (3)	3
ECE 314	The Child, the Family and the Community	3
ECE 320	Curriculum and Interactions in Early Childhood Education (4)	4
ECE 321	Advanced Practicum in Early Childhood Education (4)	4
ECE 326	Making Learning Visible Through Observation and Documentation	3
ECE 330	Infant and Toddler Development	3
ECE 415	Children's Health, Safety and Nutrition (3)	3
ECE 424	Adult Supervision: Mentoring in a Collaborative Learning Setting	2
ECE 430	Culture and Diversity in Early Childhood Education	3
A minimum of 16 units from the following:		16
To be eligible for the Child Development Permit (Teacher), students must complete 16 units in General Education categories which meet graduation requirements and with at least one course in each of the following areas: English, Humanities, Social Science, Math/Science. Please refer to the General Education Requirements for a list of acceptable courses. Students must also complete experience requirements for the particular permit for which they are applying.		
Subtotal Units:		**47**

Art with Children

Course Code	Course Title	Units
ECE 361	Introducing Young Children to Visual Arts	3
A minimum of 3 units from the following:		3
ART 320	Design: Fundamentals (3)	
ART 430	Art and Children (3)	
ARTH 300	Art Appreciation (3)	
Art with Children Units:		6
Total Units:		**53**

Bilingual/Bicultural Development

Course Code	Course Title	Units
A minimum of 3 units from the following:		3
ANTH 310	Cultural Anthropology (3)	
BUS 330	Managing Diversity in the Workplace (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
COMM 325	Intercultural Communication (3)	

Course Code	Course Title	Units
NUTRI 310	Cultural Foods of the World (3)	
one foreign language course from French, Spanish or American Sign Language		
A minimum of 3 units from the following:		3[1]
ECE 430	Culture and Diversity in Early Childhood Education (3)	
Bilingual/Bicultural Development Units:		6
Total Units:		**53**

Children with Exceptional Needs

Course Code	Course Title	Units
ECE 404	Children with Special Needs	3
A minimum of 3 units from the following:		3
SILA 305	American Sign Language 1 (4)	
or SILA 306	American Sign Language 2 (4)	
Children with Exceptional Needs Units:		6
Total Units:		**53**

Infant and Toddler Care

Course Code	Course Title	Units
ECE 331	Care and Education of Infants and Toddlers	3
A minimum of 3 units from the following:		3
ECE 330	Infant and Toddler Development (3)	
Infant and Toddler Care Units:		6
Total Units:		**53**

Music with Children

Course Code	Course Title	Units
A minimum of 3 units from the following:		3
MUSM 370	Music for Children (3)	
MUFHL 330	World Music (3)	
or MUIVI 370	Beginning Guitar (2)	
ECE 363	Music and Movement with Young Children	3
Music with Children Units:		6
Total Units:		**53**

STEAM in ECE

Course Code	Course Title	Units
A minimum of 6 units from the following:		6
ECE 342	Constructive Math and Science in Early Childhood Education (3)	
ECE 361	Introducing Young Children to Visual Arts (3)	
STEAM in ECE Units:		6
Total Units:		**53**

[1]ECE 430 may be used for this specialization, even if it was used for the Teacher Certificate. The certificate will then be a total of 50 units.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- identify and apply an understanding of licensing and child care regulations.
- incorporate professional issues and utilize professional codes of ethics in educational practice.
- develop an ability to advocate on behalf of children and families.
- evaluate an environment that meets the needs of children, families and staff.
- supervise both staff and classrooms and directly interact with children and families in a warm and positive manner.
- choose and provide inclusive, developmentally and culturally appropriate practices and activities.
- integrate methods of conflict management and problem solving strategies with children.
- integrate health, safety, and nutrition practices in an early care and education program.
- apply acquired knowledge, skills, and abilities of certificate coursework toward successful completion of an Early Childhood Education Master Teacher Certificate.
- apply area of specialization as a master teacher in a private or public early childhood educational setting.

Career Information

This certificate qualifies students to be a master teacher or a supervising teacher in early care and education programs. Upon completion of this certificate and with documented related experience, the individual is eligible to be a lead teacher and/or mentor teacher in both publicly and privately funded programs serving young children and their families.

Certificates

ECE-Assistant Teacher Certificate

Upon successful completion of the Assistant Teacher Certificate, a student demonstrates knowledge, preparation and competencies for an entry-level position in an early learning program. Additionally, the student is eligible to apply for the Assistant Teacher Child Development Permit issued by the California Commission on Teacher Credentialing.

Certificate Requirements

Course Code	Course Title	Units
ECE 300	Introduction to Principles and Practices in Early Childhood Education (3)	3
or ECE 314	The Child, the Family and the Community (3)	
ECE 312	Child Development (3)	3
Total Units:		**6**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- Upon completion of ECE 300 and ECE 312/PSYC 372, the student will be able to:
- discriminate among philosophies of early childhood education in regards to assumptions about how young children learn and how early childhood teachers should teach.
- define and identify the role of observation, documentation, and interpretation of children's play as a tool for planning curriculum for young children and assessing their learning.
- analyze the developmental stages and growth processes across the domains of development from the prenatal period through adolescence.
- describe how theories, principles and foundations of child development inform and guide practical application.
- apply acquired knowledge, skills, and abilities of certificate coursework toward successful completion of an Early Childhood Education Associate Teacher Certificate.
- apply for an assistant teacher position in an early childhood educational setting.
- Upon completion of ECE 312/PSYC 372 and ECE 314, the student will be able to:
- analyze the developmental stages and growth processes across the domains of development from the prenatal period through adolescence.
- describe how theories, principles and foundations of child development inform and guide practical application.
- recognize the influence of diverse socio-cultural factors on child development, child rearing, caring, and education.
- identify components that are essential to the healthy socialization of children with their families and the community and community resources available to support families.
- apply for an assistant teacher position in an early childhood educational setting.

ECE-Associate Teacher Certificate

This certificate provides the educational coursework that serves as the core curriculum for the early childhood education field. Topics include an introduction to the profession, observation techniques, age-appropriate curriculum, and the child in the context of the family and community. Additionally, there is a focus on practicing these concepts in a supervised field/lab environment. With documented work experience, the student is also eligible to apply to the Commission on Teacher Credentialing for the Associate Teacher Child Development Permit.

Certificate Requirements

Course Code	Course Title	Units
ECE 300	Introduction to Principles and Practices in Early Childhood Education	3
ECE 312	Child Development (3)	3
ECE 314	The Child, the Family and the Community	3
ECE 320	Curriculum and Interactions in Early Childhood Education	4
Total Units:		**13**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- plan and implement developmentally and culturally appropriate indoor and outdoor environments that support children's learning through play, exploration, and problem solving.
- build on systematic observations of children's behavior to design, implement, and evaluate developmentally and culturally appropriate learning activities for young children.
- analyze the influence of family, community, and culture on the child and identify local resource agencies that support families.

- distinguish and apply positive guidance and conflict resolution strategies that teach children self-discipline and effective, respectful social skills within a diverse group of peers.
- recognize ethical standards and demonstrate professional behaviors that deepen understanding, knowledge, and commitment to the Early Childhood Education profession.

Career Information

This certificate allows the student to work as a teacher in a private early care and education (Title 22) program, serving infants/toddlers, preschool-age children, and school-age children in before-and-after school programs. With the Associate Teacher Child Development Permit, an individual can work as an assistant or associate teacher in a publicly funded (Title 5) early care and education program.

Early Childhood Education (ECE) Courses

ECE 295 Independent Studies in Early Childhood Education

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

ECE 299 Experimental Offering in Early Childhood Education

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

ECE 300 Introduction to Principles and Practices in Early Childhood Education

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

C-ID: C-ID ECE 120

This course provides an introduction to early childhood education, including an overview of the historical contexts and theoretical perspectives of developmentally appropriate practice in early care and education for children birth through age eight. The typical roles and expectations of early childhood educators are explored and professional ethics, career pathways, and professional standards are identified. Best practices are highlighted for developmentally appropriate learning environments, curriculum, and effective pedagogy for young children including how play contributes to children's learning, growth, and development.

ECE 312 Child Development

Same As: PSYC 372

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC (ECE 312, FCS 324, PSYC 370 and PSYC 372: maximum credit, two courses)

General Education: Local GE L4; Local GE L7B; Cal-GETC Area 4

C-ID: C-ID CDEV 100

This course was formerly known as ECE 312 Child Development.

This course examines the progression of development in the physical, cognitive, social, and emotional domains and identifies developmental milestones for children from conception through adolescence. Interactions between biological processes and environmental factors are emphasized. Students will observe children, evaluate individual differences, and analyze characteristics of development at various stages according to developmental theories. This course is designed to fulfill General Education, Early Childhood Education and Psychology degree requirements. This course is not open to those who have previously taken PSYC 372.

ECE 314 The Child, the Family and the Community

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL 110

Transferable: CSU; UC

General Education: Local GE L4; Local GE L7B

C-ID: C-ID CDEV 110

This fundamental course is an examination of the processes of socialization focusing on the interrelationship of family, school, and community. The influence of multiple societal contexts is explored. A focus is on the collaboration between family, community, and schools in supporting children's development, from birth through adolescence.

ECE 320 Curriculum and Interactions in Early Childhood Education

Units: 4

Hours: 36 hours LEC; 108 hours LAB

Prerequisite: ECE 300 with a grade of "C" or better; AND either ECE 312 or PSYC 372 with a grade of "C" or better.

Enrollment Limitation: Students must show proof of negative tuberculosis as well as being immunized against influenza, pertussis, and measles prior to participating in the lab. Fingerprinting clearance is required for some lab placements.

Transferable: CSU

C-ID: C-ID ECE 130

This course is an introduction to developmentally appropriate curriculum and environments for children birth through age eight. Students will use knowledge of childrenâ€™s development, theories of learning and development, and examples from various models of developmentally appropriate practice to plan environments and curriculum in all content areas to support childrenâ€™s development and learning integrated throughout indoor and outdoor settings. Prior to beginning lab placements, students will show proof of TB clearance and required immunizations. Fingerprinting clearance is required for some lab placements. Students must be able to dedicate at least 6.75 hours per week to be placed in a pre-approved site, subsequently completing a total of 108 hours per semester.

ECE 321 Advanced Practicum in Early Childhood Education

Units: 4

Hours: 36 hours LEC; 108 hours LAB

Prerequisite: ECE 320 with a grade of "C" or better

Enrollment Limitation: Students must show proof of negative tuberculosis as well as being immunized against influenza, pertussis, and measles prior to participating in the lab. Fingerprinting clearance is required for some lab placements.

Transferable: CSU

C-ID: C-ID ECE 210

This advanced course provides demonstration of developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. Exploration of career pathways, professional development, and teacher responsibilities are explored. Prior to beginning lab placements, students will show proof of TB clearance and required immunizations. Fingerprinting clearance is required for some lab placements.

ECE 326 Making Learning Visible Through Observation and Documentation

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGRD 110

Transferable: CSU

C-ID: C-ID ECE 200

This course introduces the appropriate use of assessment and observation tools and strategies to document young children's development and learning. The use of findings to inform and plan learning environments and experiences are emphasized. Recording strategies, rating systems, portfolios, and multiple assessment tools will be examined, along with strategies for collaboration with families and professionals.

ECE 330 Infant and Toddler Development

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

General Education: Local GE L4; Local GE L7B

This course examines infant development, from pre-conception to three years of age, providing a review of research findings related to infancy and implications for infant care.

ECE 331 Care and Education of Infants and Toddlers

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ECE 330 and ENGRD 110

Transferable: CSU

This course applies current research in infant development to the teaching and care of infants in group settings. Emphasis is on early childhood education principles and practices when applied to the care and education of infants from birth to three years of age. It includes strategies for designing, implementing, and evaluating group care programs for infants.

ECE 342 Constructive Math and Science in Early Childhood Education

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGRD 310

Transferable: CSU

The course is an introduction to the constructivist approach to teaching pre-math and science in early childhood education. The content and teaching techniques support the perspective that children construct knowledge through a dynamic, interactive process that facilitates their development of working theories related to math and science. Topics include an overview of the role of the teacher in developing appropriate experiences for children and a review of current standards and guidelines.

ECE 343 Language and Literacy Development in Early Childhood

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGRD 310; None.

Transferable: CSU

This course will prepare early childhood educators to recognize, understand and enhance the emergent language and literacy experiences and skills of young children. The knowledge of developmentally appropriate language and literacy practices will improve early childhood educators' abilities to support young children in the early years (birth to five years) to build a strong foundation for learning to read and write in the primary grades. Topics include an overview of the teacher's role in developing appropriate language and literacy experiences for young children, including strategies to support learning English as a second language.

ECE 361 Introducing Young Children to Visual Arts

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

General Education: Local GE L3

This course prepares teachers in early childhood education with strategies for introducing young children to the media and tools of drawing, painting, sculpting, and other visual arts commonly used by young children to represent and understand the world around them. The focus will be on observing children's natural ways of exploring media and developing strategies to facilitate and document children's emerging skills and relationship with each medium. Included are strategies for designing early childhood environments that promote children's exploration of visual arts.

ECE 363 Music and Movement with Young Children

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

General Education: Local GE L3

This course introduces students to theoretical principles and practical applications for integrating appropriate music and movement experiences in early childhood settings. The course explores incorporating culturally diverse music and movement activities to support children's understanding and acceptance of differences.

ECE 404 Children with Special Needs

Units: 3

Hours: 54 hours LEC

Prerequisite: ECE 312 with a grade of "C" or better

Transferable: CSU; UC

This course provides a broad overview of the characteristics, assessment techniques, methods of intervention, natural environments, community and family resources, and current issues of young children from birth to age eight with special needs. The focus is to increase the awareness and understanding of children's individual needs in an early childhood setting and to provide practical information to those currently involved with children with special needs. Observations in public and private children's centers, schools and agencies may be required.

ECE 415 Children's Health, Safety and Nutrition

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ECE 312 or NUTRI 300

Transferable: CSU

General Education: Local GE L7B

C-ID: C-ID ECE 220

This course provides an introduction to the laws, regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. There is a focus on the teacher's role in prevention strategies, nutrition and meal planning, integrating health safety and nutrition experiences into daily routines, and overall risk management. This course is not open to students who have received credit for NUTRI 320.

ECE 420 Administration I: Programs in Early Childhood Education

Units: 3

Hours: 54 hours LEC

Prerequisite: ECE 300 (Introduction to Principles and Practices in Early Childhood Education) with a grade of "C" or better; and either ECE 312 or PSYC 372 with grades of "C" or better; Or, BA in Child Development or related field from a regionally accredited college or university.

Advisory: ECE 320

Transferable: CSU

This course provides an introduction to the administration of early childhood programs. It covers program types, budgets, management, regulations, laws, and the development and implementation of policies and procedures. It also examines various administrative tools, philosophies, and techniques needed to open, organize, and operate an early care and education program.

ECE 422 Administration II: Personnel and Leadership in Early Childhood Education

Units: 3

Hours: 54 hours LEC

Prerequisite: ECE 420 with a grade of "C" or better

Transferable: CSU

This course covers effective strategies for personnel management and leadership in early care and education settings. It includes legal and ethical responsibilities, supervision techniques, professional development, and reflective practices for a diverse and inclusive early care and education program.

ECE 424 Adult Supervision: Mentoring in a Collaborative Learning Setting

Units: 2

Hours: 36 hours LEC

Prerequisite: ECE 314 and 320 with grades of "C" or better

Transferable: CSU

This course covers principles and methods of supervising student teachers, volunteers, staff, and other adults in early care and education settings. Emphasis is on the roles and development of early childhood professionals as mentors and teachers working collaboratively to guide a teaching team or individual within a classroom setting. This course satisfies the adult supervision requirement for the CA Child Development Master Teacher Permit and Site Supervisor permit issued by the CA Commission on Teacher Credentialing.

ECE 430 Culture and Diversity in Early Childhood Education

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

General Education: Local GE L4

C-ID: C-ID ECE 230

This course examines the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Various classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. The course includes self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling.

ECE 494 Topics in Early Childhood Education

Units: 0.5 - 4

Hours: 4 - 27 hours LEC; 9 - 108 hours LAB

Prerequisite: None.

Transferable: CSU

Designed to give students an opportunity to study topics in Early Childhood Education which are not included in current course offerings. Topics may include, but are not limited to: Management of Family Day Care Homes; Guidance of the Special Child in Everyday Living; Behavior and Discipline; Children in Crisis; The Single Parent Family; and Cross-Cultural Experiences with Children and Families. May be repeated for credit providing there is no duplication of topics.

ECE 495 Independent Studies in Early Childhood Education

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

ECE 498 Work Experience in Early Childhood Education

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

ECE 499 Experimental Offering in Early Childhood Education

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Economics

Overview

The Folsom Lake College economics curriculum studies how people and societies produce various commodities and distribute them for consumption, now or in the future. FLC's economics offerings include the study of the American economic system using techniques for the analysis of contemporary economic problems.

Degrees Offered

A.A.-T. in Economics

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

Division Dean: Carlos Lopez

Department Chair: Jennifer Black

Phone: (916) 608-6849

Email: lopezc@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in Economics

The Associate in Arts in Economics for Transfer degree program provides students with a major that fulfills the general requirements of the California State University for transfer. Students with this degree will receive priority admission with junior status to the California State University system. Students interested in transferring to a CSU campus to pursue a bachelorâ€™s degree in Economics should meet with a counselor to confirm the courses required for lower-division preparation in the major.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) Cal-GETC the California General Education Transfer Curriculum (Cal-GETC) Requirement.
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs require that students must earn a â€œCâ€ or better in all courses required for the major or area of emphasis. A â€œPâ€ (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
ECON C2002	Principles of Macroeconomics	3
ECON C2001	Principles of Microeconomics	3
MATH 341	Calculus for Business and Economics (4)	4 - 5
or MATH 400	Calculus I (5)	
ECON 310	Statistics for Business and Economics (3)	3 - 4
or STAT C1000	Introduction to Statistics (4)	
or PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
A minimum of 6 units from the following:		6
One course must be taken from List A and one additional course from List A or List B.		
List A		
ACCT 301	Financial Accounting (4)	
ACCT 311	Managerial Accounting (4)	
BUS 300	Introduction to Business (3)	
BUS 310	Business Communications (3)	
CISP 360	Introduction to Structured Programming (4)	
CISC 310	Introduction to Computer Information Science (3)	
MATH 401	Calculus II (5)	
List B		
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
MATH 402	Calculus III (5)	
MATH 410	Introduction to Linear Algebra (3)	
Total Units:		**19 - 21**

The Associate in Arts in Economics for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- explain terms and concepts used in macroeconomics and microeconomics.
- evaluate models to explore consequences of economic policy proposals on households and businesses.

- evaluate economic models to explore the consequences of macroeconomic events and the probable consequences of macroeconomic policy proposals on the whole economy.
- solve problems requiring the application of economics, statistics and mathematics.
- apply accounting and economic concepts and principles in making decisions about firm operations.

Career Information

Career Opportunities: There are a wide array of job opportunities in business, finance, government, and other sectors for an individual with an undergraduate degree in economics. Business firms of all sizes provide employment and career opportunities including jobs in banking, budget and market analysis, and in sales. Federal, state, and local government agencies require and employ individuals with training in economics to carry benefit-cost analysis and as research assistants and analysts. Job opportunities also exist in education and journalism. Economies and individual markets are dynamic, and business economists help firms understand and adapt to changes occurring in the economy and in specific markets. Individuals with economics degrees work in a broad range of fields with jobs with federal, state, and local government agencies. Job opportunities are expanding for employment for those seeking jobs with global or international focus.

Associate Degrees

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies in Social and Behavioral Science degree provides an interdisciplinary approach to academic studies. The purpose of the program is for students to gain an understanding of the interconnectedness of various social and behavioral sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 300	Introduction to Business (3)	
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	
BUS 345	Law and Society (3)	
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
ECON 307	Global Issues in the Political Economy (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 321	African American Policy and Law (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 331	Asian American Policy and Law (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 351	Native American Policy and Law (3)	

Course Code	Course Title	Units
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
ETHNS 361	Chicana/o/x Latina/o/x Policy and Law (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 314	Recent United States History (3)	
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
KINES 308	Women in Sport (3)	
KINES 416	Psychology of Sport (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 390	Psychology of Death and Dying (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 300	Introduction to Social Work & Human Services (3)	
SWHS 302	Introduction to Psychology of Human Relations (3)	
Total Units:		**18**

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

Economics (ECON) Courses

ECON C2002 Principles of Macroeconomics

Units: 3

Hours: 54 hours LEC

Prerequisite: Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of elementary algebra.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID ECON 202

This course was formerly known as ECON 302 Principles of Macroeconomics.

An introductory course using models of the domestic and international economy to understand national income, unemployment, inflation, economic growth, inequality, the financial system, and monetary, fiscal, and other economic policies. Students completing this course will experience a pattern of coursework designed to help them gain an understanding and appreciation of the contributions and perspectives of individuals and groups, including but not limited to diverse genders, sexualities, races, ethnicities, classes, countries, cultures, and societies. Formally known as ECON 302. Not open to students who have successfully completed ECON 302.

ECON C2001 Principles of Microeconomics

Units: 3

Hours: 54 hours LEC

Prerequisite: Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of elementary algebra.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID ECON 201

This course was formerly known as ECON 304 Principles of Microeconomics.

An introductory course using microeconomic models to understand individual decisions by consumers and firms, market outcomes including market failure, elasticity, market structures, labor markets, inequality, and the impact of government policies. This course also covers marginal utility, costs of production, natural resource economics, resource allocation under conditions of competition, monopoly, oligopoly, and monopolistic competition. Problems and issues in these areas will be examined in their contemporary, historical, and geographical settings. Students completing this course will experience a pattern of coursework designed to help them gain an understanding and appreciation of the contributions and perspectives of individuals and groups, including but not limited to diverse genders, sexualities, races, ethnicities, classes, countries, cultures, and societies. Formally known as ECON 304. Not open to students who have successfully completed ECON 304.

ECON 307 Global Issues in the Political Economy

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

This course introduces students to the global issues including the origins, current status, and future trends of major issues confronting the global economy. Topics will include economic, political, and environmental issues including population trends, economic development, issues migration, inequality, basic human needs (for food, water, health care), and human rights. Additional emphasis will be placed on global responsibility, economic power, international conflict, security concerns, environmental problems, globalization, politics, foreign relations, trade policies, and international politics.

ECON 310 Statistics for Business and Economics

Units: 3

Hours: 54 hours LEC

Prerequisite: Intermediate Algebra or equivalent with a grade of "C" or better OR through the placement process.

Transferable: CSU; UC

General Education: Local GE L2; Cal-GETC Area 2

C-ID: C-ID MATH 110

This course focuses on statistical concepts commonly used in economics, business, and other behavioral sciences. It covers the collection, organization, presentation, analysis, and interpretation of numerical data. Major topics include organizing and describing data using graphs, tables, and charts; calculating and interpreting descriptive statistics including measures of central tendency and measures of dispersion; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests. Computer software and/or hand calculations will be used in this course to calculate, organize, and display statistical information. Results generated either by hand calculation, the use of computer software, articles or textbook examples will be used to analyze and interpret statistical findings.

ECON 320 Concepts in Personal Finance

Same As: BUS 320

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Local GE L7B

This course is designed to assist individuals in analyzing their financial affairs. Elements and conceptual basis of financial planning, analysis, and decision making in areas of budgeting, taxes, borrowing, money management, insurance, investments, and retirement will be examined with an emphasis on principles to develop students' economic decision making. Students will be using mathematical concepts as well as reading and interpreting written and oral instructions. This course is not open to students who have received credit for BUS 320.

ECON 495 Independent Studies in Economics

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

ECON 499 Experimental Offering in Economics

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Education/Teaching

Overview

Folsom Lake College's liberal studies for elementary education major is designed for students who wish to be teachers in public and private elementary schools. Further education at the university level will be required to fulfill all requirements for a teaching credential authorizing service in California public schools.

Degrees Offered

A.A. in Liberal Studies for Elementary Education

Division Dean: Francis Fletcher

Department Chair: Andrew Williamson

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Associate Degree

A.A. in Liberal Studies for Elementary Education

This major is designed for students who wish to be teachers in public and private elementary schools. Further education at the university level will be required to fulfill all requirements for a teaching credential authorizing service in California public schools. This A.A. degree is also intended for students who wish to work in elementary schools as classroom/instructional aides.

Degree Requirements

Course Code	Course Title	Units
ART 430	Art and Children	3
BIOL C1000	Introduction to Biology with Lab	4
COMM 361	The Communication Experience	3
ECON C2002	Principles of Macroeconomics	3
ENGED 305	Structure of English	3
ENGED 320	Tutoring Elementary Students in Reading	3
ENGL C1000	Academic Reading and Writing	3
ENGL 301	College Composition and Literature (3)	3
or ENGL C1001	Critical Thinking and Writing (3)	
GEOL 305	Earth Science	3
GEOL 306	Earth Science Laboratory	1
HIST 307	History of World Civilizations to 1500	3
HIST 308	History of World Civilizations, 1500 to Present	3
HIST C1001	United States History to 1877	3
MATH 310	Mathematical Discovery	3
POLS C1000	American Government and Politics	3
ECE 312	Child Development (3)	3
SOC 321	Race, Ethnicity and Inequality in the United States (3)	3
or COMM 325	Intercultural Communication (3)	
or PSYC 368	Cross Cultural Psychology (3)	
or ADMJ 302	Community Relations: Multicultural Issues (3)	
Total Units:		**50**

The Liberal Studies for Elementary Education Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- seek employment as an instructional or classroom aide in an elementary school.
- develop a reasoned solution to a problem and defend it using appropriate language, methods, and/or notation.
- evaluate new and accepted ideas about the natural universe using testable methodology.
- write and speak effectively, demonstrating the ability to evaluate audience and appeal to it persuasively.

- conduct library research and compose research papers with a clear thesis, sound critical thinking, correct usage, and proper documentation.
- apply knowledge of world history and cultures to identify the values of a culture and work with others of a diverse background.
- analyze the Constitution of the United States and other founding documents.
- describe the nature of government and compare and contrast political institutions.
- apply basic economic concepts.
- apply knowledge of child development theories to assess the characteristics of teaching practices and learning conditions.

Career Information

Teacher, primary grades; teacher, intermediate grades; instructional assistant, elementary school grades K-8.

Emergency Services

Overview

Folsom Lake College's Emergency Services curriculum is designed to provide students with the skills and knowledge necessary to apply for certification as an Emergency Medical Technician (EMT) Basic and is recognized by the El Dorado County EMS Authority, which is the certifying agency in El Dorado County. This course is an approved EMT Program as defined by the State of California Code of Regulations, Title 22, Division 9. Prehospital Emergency Medical Services Chapter 2. Emergency Medical Technician Training.

Additionally, Fire Technology courses focus on the practical knowledge and skills needed to effectively and safely prevent, fight, and investigate fires. Firefighters, fire code inspectors, and fire investigators protect lives and property through their understanding of fire prevention and control.

Degrees and Certificates Offered

A.S. in Fire Technology

Fire Technology Certificate

Division Dean: John Skellenger

Department Chair: Mark Swink

Phone: (916) 608-6927

Email: skellej@flc.losrios.edu

Associate Degree

A.S. in Fire Technology

Employment within the fire service is highly respected, lucrative, and rewarding. Folsom Lake College's Fire Technology Program is designed to provide the student with a skill set applicable to the job market along with the knowledge and comprehension needed to successfully obtain positions in the fire service. The curriculum serves as an in-service program as well as a pre-employment program for students seeking employment or advancement in all related fields of emergency service.

Degree Requirements

Course Code	Course Title	Units
FT 300	Fire Protection Organization	3
FT 301	Fire Prevention Technology	3
FT 302	Fire Protection Equipment and Systems	3
FT 303	Building Construction for Fire Protection	3
FT 304	Fire Behavior and Combustion	3
FT 305	Firefighter Safety and Survival	3
EMT 300	Basic Life Support Healthcare Provider CPR	1
A minimum of 11 units from the following:		11
FT 110	Fire Apparatus (3)	
FT 130	Fire Company Organization and Management (3)	
FT 141	Legal Aspects of Emergency Services (3)	
FT 170	Fire Investigation (3)	
FT 180	Rescue Practices (3)	
FT 190	Fire Tactics and Strategy (3)	
FT 217	Fire Fighter 1 Academy Module 1A (8)	
FT 218	Fire Fighter 1 Academy Module 1B (1)	
FT 219	Fire Fighter 1 Academy Module 1C (2)	
A minimum of 0 units from the following:		0[1]
EMT 101	Emergency Medical Technician Training (8)	
Total Units:		**30**

[1]A current California Emergency Medical Technician (EMT) card or Paramedic license will be accepted as satisfactory completion of the EMT course requirement.

The Fire Technology Associate in Science (A.S.) degree may be obtained by completion of the required program, plus the local FLC General Education Requirement, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- comprehend the qualifications for entry level skills, the discipline and evaluation process, fire service structure, history, and culture for the field of fire technology.
- comprehend laws, regulations, codes, standards and the regulatory and advisory organizations that influence fire department operations.
- analyze and determine the causes of fire, extinguishing agents, stages of fire, fire development, and methods of heat transfer. Synthesize and determine the appropriate use and flow requirement of hydraulic fire apparatus.
- describe the appropriate uses and maintenance for apparatus and equipment used in the fire service.
- assess the common types of building construction and conditions associated with structural collapse and firefighter safety.
- evaluate fire detection and fire suppression systems.
- analyze, appraise, and evaluate fire incidents and components of emergency management and firefighter safety.

Career Information

Firefighter, Fire Inspector, Fire Prevention Officer, Fire Captain, Firefighter/EMT, Firefighter/Paramedic, Fire Engineer/Apparatus Operator, Fire Lieutenant, Fire Investigator, Fire Science Instructor, Fire Service Skills Evaluator, Public Information Officer, Fire Chief Officer, Fire Communications Specialist, Fire Dispatcher, Fire Department IT Specialist, and Project Management related to the fire service.

Certificate of Achievement

Fire Technology Certificate

Employment within the fire service is highly respected, lucrative, and rewarding. Folsom Lake College's Fire Technology Program is designed to provide the student with a skill set applicable to the job market along with the knowledge and comprehension needed to successfully obtain positions in the fire service. The curriculum serves as an in-service program as well as a pre-employment program for students seeking employment or advancement in all related fields of emergency service.

Certificate Requirements

Course Code	Course Title	Units
FT 300	Fire Protection Organization	3
FT 301	Fire Prevention Technology	3
FT 302	Fire Protection Equipment and Systems	3
FT 303	Building Construction for Fire Protection	3
FT 304	Fire Behavior and Combustion	3
FT 305	Firefighter Safety and Survival	3
Total Units:		**18**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- comprehend the qualifications for entry level skills, the discipline and evaluation process, fire service structure, history, and culture for the field of fire technology. Analyze, appraise, and evaluate fire incidents and components of emergency management and firefighter safety.
- comprehend laws, regulations, codes, standards and the regulatory and advisory organizations that influence fire department operations.
- analyze and determine the causes of fire, extinguishing agents, stages of fire, fire development, and methods of heat transfer. Synthesize and determine the appropriate use and flow requirement of hydraulic fire apparatus.
- describe the appropriate uses and maintenance for apparatus and equipment used in the fire service.
- assess the common types of building construction and conditions associated with structural collapse and firefighter safety.
- evaluate fire detection and fire suppression systems.

Career Information

Employment opportunities may be found in areas such as building inspection, fire investigation, fire prevention, hazardous materials specialist, public education, and firefighting. Management related to the fire service and pay incentives exist and may be applicable with a certificate of achievement in Fire Technology.

Emergency Medical Technology (EMT) Courses

EMT 101 Emergency Medical Technician Training

Units: 8

Hours: 108 hours LEC; 162 hours LAB

Prerequisite: EMT 300 with a grade of "C" or better, or placement through the assessment process.; An American Heart Association Healthcare Provider BLS CPR card is sufficient in lieu of EMT 300. The CPR certification must be valid for the duration of the EMT Program.

Enrollment Limitation: Students enrolled in this course must complete all clinical eligibility requirements, including background checks, drug screening, uniform purchase, immunization verification, TB clearance, and current CPR certification for Basic Life Support (BLS). CPR training must include one- and two-person (adult, child, and infant) CPR with AED. This course is not open to students who already hold a current EMT-Basic certificate. All EMT 101 students are required to possess a valid American Heart Association BLS for the Healthcare Provider CPR card—mandated by NHTSA and California regulations—prior to the first day of class, and to be maintained throughout the duration of training.

Advisory: AH 311 and BIOL 100; students are also advised to take an anatomy and physiology course prior to taking this course.

This course prepares students for Emergency Medical Technician (EMT) certification by providing the knowledge, skills, and clinical judgment required for entry-level emergency medical care. EMTs are health professionals trained to respond to, assess, and manage emergent, urgent, and non-urgent medical situations and to provide safe patient care and medical transportation to and from emergency and health care facilities.

Instruction follows the National EMS Education Standards, supports the vision of EMS Agenda 2050, and aligns with the 2019 and 2021 National EMS Scope of Practice Model. This program meets all requirements outlined in California Title 22, Division 9, Chapter 2. Students will be required to pay additional fees for clinical rotations.

EMT 102 Emergency Medical Care Refresher

Units: 1.5

Hours: 18 hours LEC; 27 hours LAB

Prerequisite: None.

Enrollment Limitation: Current certification as an Emergency Medical Technician (1) or Basic.

This course provides continuing education and skills verification modules for current Emergency Medical Technicians (EMTs) certified at the Basic Life Support (BLS) level. It satisfies most of the refresher requirements of local, state and national Emergency Medical Services (EMS) certifying organizations. EMS related topics include airway management and ventilation, cardiac care and resuscitation, patient assessment, injury management, legal and ethical issues, vital signs monitoring and assisting with medication administration. This course is designed for currently California State certified EMT - Basic(I) and meets all state requirements for EMT (I) recertification by Sacramento Emergency Medical Services Agency. BLS (CPR) cards are not issued at the completion of this course. Students that have expired EMT certification should contact the instructor prior to signing up for EMT 102. This course does not provide preparation for the National Registry of Emergency Medical Technicians (NREMT) entry or recertification exam. This course may be taken four times for credit. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.

EMT 103 Community Service

Units: 0.5

Hours: 27 hours LAB

Prerequisite: None.

Community service involves volunteering or doing work that helps fellow community members or others in need. From hosting health screening and education in impoverished areas to providing medical support to special needs clients during athletic events, there are many ways to get involved in community service. This is a course that facilitates community service while enrolled in the Folsom Lake College's EMT Program.

EMT 105 Public Safety First Aid

Units: 2

Hours: 21 hours LEC; 45 hours LAB

Prerequisite: None.

This 21-hour course meets the EMSA Public Safety First Aid, AED and CPR Title 22, Section 100023 requirements and provides new First Aid/ CPR responders with the required skills. This course meets the requirements of CAL FIRE CPR/AED First Aid Training. This course may be taken up to four times for continued professional development or maintaining certification. This course is accredited by the El Dorado County Emergency Medical Services Authority.

EMT 109 Emergency Medical Responder

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: Community CPR and Adult AED Certification

Corequisite: EMT 300

This course is an introduction to the principles and practices of prehospital Emergency Medical Services (EMS). It is intended to prepare the student for state and national certification as an Emergency Medical Responder (EMR). The EMR responds to a variety of patients experiencing medical and trauma related emergencies and assists other EMS personnel during initial first response culminating in transport of the sick and injured. Instruction follows the National EMS Education Standards, supports the vision of EMS Agenda 2050, and aligns with the 2019 and 2021 National EMS Scope of Practice Model. This program meets all requirements outlined in California Title 22, Division 9, Chapter 2. Field trips and off-campus lab assignments may be required.

EMT 299 Experimental Offering in Emergency Medical Technology

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

EMT 300 Basic Life Support Healthcare Provider CPR

Units: 1

Hours: 18 hours LEC

Prerequisite: None.

Transferable: CSU

This course meets the requirements for American Heart Association certification as a Basic Life Support (BLS) Healthcare Professional. It involves learning BLS skills that are applicable to any healthcare setting. Students will learn life-saving rescue techniques for adults, children, and infants individually and as part of a team dynamics, including performance of high-quality CPR, use of an automated external defibrillator (AED), ventilation techniques, opioid-associated emergencies, anaphylactic emergencies, and choking. This course may be repeated up to four times for credit.

Fire Technology (FT) Courses

FT 100 Fire Service Conditioning and Fire Academy Preparation

Units: 2.5

Hours: 20 hours LEC; 75 hours LAB

Prerequisite: None.

This course covers strength training, flexibility and overall physical conditioning to prepare a student to take the Candidate Physical Ability Test. Additional topics include personal skills development, lifestyle modifications, and firefighting equipment familiarization.

FT 110 Fire Apparatus

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: FT 300

This course covers various aspects of fire apparatus. Topics include design, typing, specifications, construction, performance capabilities, and maintenance. This course includes principles and techniques for maintaining and operating fire service pumping and other mobile apparatus. The course includes fire service equipment and apparatus troubleshooting; principles and techniques of preventive maintenance; construction and operation of fire service pumps and pump accessories; basic highway operating techniques for fire apparatus; fire apparatus specifications and testing procedures. Also included are warning devices and the utilization of apparatus in fire service emergencies. Effective utilization of equipment on the fireground will be the focus with emphasis on practical applications. Students will also become familiar with use of pumping charts and associated industry related materials for task proficiency. Field trips may be required.

FT 130 Fire Company Organization and Management

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

An in-depth review of the operation, organization and planning concepts of today's fire departments. Emphasizes the functions of management including budgeting, time management, delegation, motivation, and discipline. Explores concepts of continuous improvement, team-

building, and principles of quality management, relative to fire service operations. A field trip may also be required at the discretion of the lead instructor.

FT 141 Legal Aspects of Emergency Services

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

This course addresses the federal, state, and local laws that regulate emergency services and include a review of national standards, regulations and consensus standards.

FT 170 Fire Investigation

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

This course introduces the general practices involved in fire investigation. Topics include determining the cause of fires (accidental, suspicious, and incendiary); types of fires; related laws; introduction to incendiary fires; motives for starting fires; recognizing and preserving evidence; interviewing witnesses and suspects; and arrest, detention, and court procedures.

FT 180 Rescue Practices

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: FT 300

This course focuses on the identification and management of rescue situations, such as proper utilization and awareness of equipment, tools, and techniques to handle various rescue situations. Topics include vehicle extrication, water rescue, vertical rescue, building collapse, radiation hazards, hazardous materials rescue, fire situations including rapid intervention awareness, and other emergency situations. A strong emphasis will be placed on practicum of rescuer efficiency to include pass/or fail evaluations of delivered material and each candidate is subject to meeting the criteria for successful certification set forth by the Office of the State Fire Marshal (OSFM). A field trip may also be required at the discretion of the instructor.

FT 190 Fire Tactics and Strategy

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

This course provides the study of fundamental principles of fire tactics and strategy under fireground conditions and procedures for effective development and application of pre-fire plans. Fire emergency problems are critically analyzed and definitive coping strategies are examined as it relates to staffing resources, equipment and extinguishing agents available during the emergency incident. This course meets the National Fire Academy, Fire and Emergency Services Higher Education (FESHE) curriculum model for the Strategy and Tactics Course. This course is also aligned with the State of California Fire Marshal "All Risk Command for Company Officers" (2D) certification track series. This course proposal addresses the needs for students needing a more flexible format to attend firefighting training. This proposal allows students an opportunity to complete modules to gain firefighter certifications that lead to gainful employment. Additionally, this course is aligned with our stakeholders and constituents of the El Dorado Fire Consortium, connecting the fire service to a collegiate Accredited Regional Training Program (ARTP). A field trip may also be required at the discretion of the instructor.

FT 217 Fire Fighter 1 Academy Module 1A

Units: 8

Hours: 80.25 hours LEC; 191 hours LAB

Prerequisite: Students must be accepted into the Accredited Regional Training Program (ARTP) Fire Academy prior to enrolling in FT 217, FT 218, and FT 219. • Enrollment Process: A Los Rios Community College District student identification number is required to access the online application. Enrollment eligibility consists of successful completion of prerequisite courses in order to qualify for the random selection pool from which a class is selected. Students must reapply each semester. There is no waiting list. • Successful completion of the online application, along with all supporting documents as stipulated on the online page, must be submitted to the Career Education Division by the posted due date.

Enrollment Limitation: Graduation from an accredited high school in the United States, or successful completion of General Education Development (GED) or the California High School Proficiency Exam (CHSPE). Students with a high school diploma from a school outside the United States must have transcripts evaluated by an approved independent agency. Such cases will be evaluated on an individual basis. Current curriculum planning summary sheet within the semester in which the pre-enrollment packet is being submitted. • Completion of the program application (pre-enrollment packet) and submittal prior to the deadline. • Current certification as an Emergency Medical Technician-Basic • Current American Heart Association Healthcare Provider Basic Life Support CPR Certification • Completion of an introductory course in Fire Technology or equivalency to FT 300.

This course is the first of a three-course series to prepare students for a career in the fire service. It provides the skills and knowledge needed for the entry-level fire fighter to perform structural suppression activities. Key learning concepts include fire fighter safety; communications; cleaning, maintaining, and utilizing equipment and tools; building construction and fire behavior; water supply; ladder operations; forcing entry into a structure; conducting search and rescue operations; attacking an interior structure fire; horizontal and vertical ventilation; property conservation; fire scene overhaul; fire fighter survival; and fire suppression with Class A materials, vehicles, and ground cover. This course is graded on a Pass/No Pass basis.

FT 218 Fire Fighter 1 Academy Module 1B

Units: 1

Hours: 15.5 hours LEC; 8.5 hours LAB

Prerequisite: EMT 101 and FT 300 with grades of "C" or better; Students must be accepted into the Accredited Regional Training Program (ARTP) Fire Academy prior to enrolling in FT 217, FT 218, and FT 219. • Enrollment Process: A Los Rios Community College District student identification number is required to access the online application. Enrollment eligibility consists of successful completion of prerequisite courses in order to qualify for the random selection pool from which a class is selected. Students must reapply each semester. There is no waiting list. • Successful completion of the online application, along with all supporting documents as stipulated on the online page, must be submitted to the Career Education Division by the posted due date.

Enrollment Limitation: • Graduation from an accredited high school in the United States, or successful completion of General Education Development (GED) or the California High School Proficiency Exam (CHSPE). • Students with a high school diploma from a school outside the United States must have transcripts evaluated by an approved independent agency. Such cases will be evaluated on an individual basis. • Current curriculum planning summary sheet within the semester in which the pre-enrollment packet is being submitted. • Completion of the program application (pre-enrollment packet) and submittal prior to the deadline. • Current certification as an Emergency Medical Technician-Basic • Current American Heart Association Healthcare Provider Basic Life Support CPR Certification • Completion of an introductory course in Fire Technology or equivalency to FT 300.

This course is the second of a three-course series to prepare students for a career in the fire service. It provides the awareness skills and knowledge needed for the entry-level fire fighter to recognize and identify hazardous materials and weapons of mass destruction (WMD), isolate hazards and deny entry, and initiate required notification. At the operations level, this course provides the skills and knowledge needed to identify incident scope; select, use, and inspect personal protective equipment (PPE); perform emergency decontamination; perform assigned tasks at a hazardous materials/WMD incident including product control techniques; and evaluate and report incident progress. This course is graded on a Pass/No Pass basis.

FT 219 Fire Fighter 1 Academy Module 1C

Units: 2

Hours: 30 hours LEC; 26 hours LAB

Prerequisite: EMT 101 and FT 300 with grades of "C" or better; Students must be accepted into the Accredited Regional Training Program (ARTP) Fire Academy prior to enrolling in FT 217, FT 218, and FT 219. • Enrollment Process: A Los Rios Community College District student identification number is required to access the online application. Enrollment eligibility consists of successful completion of prerequisite courses in order to qualify for the random selection pool from which a class is selected. Students must reapply each semester. There is no waiting list. • Successful completion of the online application, along with all supporting documents as stipulated on the online page, must be submitted to the Career Education Division by the posted due date.

Enrollment Limitation: • Graduation from an accredited high school in the United States, or successful completion of General Education Development (GED) or the California High School Proficiency Exam (CHSPE). • Students with a high school diploma from a school outside the United States must have transcripts evaluated by an approved independent agency. Such cases will be evaluated on an individual basis. • Current curriculum planning summary sheet within the semester in which the pre-enrollment packet is being submitted. • Completion of the program application (pre-enrollment packet) and submittal prior to the deadline. • Current certification as an Emergency Medical Technician-Basic • Current American Heart Association Healthcare Provider Basic Life Support CPR Certification • Completion of an introductory course in Fire Technology or equivalency to FT 300.

This course is one of three courses that can either be accomplished as an individual module or as a collective with an approved State Fire Training Fire Academy such as FT 215.
This course complies with the California State Fire Training 'Fire Fighter 1C,' 2022 approved curriculum. This course provides the skills and knowledge needed for the entry-level fire fighter to recognize hazards and unsafe situations; don, doff, and maintain wildland personal protective equipment; deploy a fire shelter; maintain suppression hand tools and equipment; assemble and prepare for response;
construct and secure a fire line; reduce the threat of fire exposure to improved properties; and mop up and patrol a fire area when working with wildland fires. FT 217, FT 218, and FT 219 must be completed prior to testing for the Fire Fighter 1 certification. This course is graded on a Pass/No Pass basis.

FT 295 Independent Studies in Fire Technology

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

An independent studies project involves an individual student or small group of students in study, research, or activities beyond the scope of regularly offered courses. See the current catalog section of "Special Studies" for full details of Independent Studies.

FT 298 Work Experience in Fire Technology

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within the field of fire technology. It is designed for students interested in work experience and/or internships in associate degree level or certificate occupational programs. Course content includes understanding the application of education to the workforce, completion of Title 5 required forms which document the student's progress and hours spent at an approved work site, and developing workplace skills and competencies. During the semester, the student is required to complete 27 hours of related work experience for 0.5 unit. An additional 27 hours of related work experience is required for each additional 0.5 units. All students are required to attend the first course meeting, a mid-semester meeting, and a final meeting. Additionally, students who have not already successfully completed a Work Experience course will be required to attend weekly orientations while returning participants may meet individually with the instructor as needed. Students may take up to 16 units total across all Work Experience course offerings. This course may be taken up to four times when there are new or expanded learning objectives. Only one Work Experience course may be taken per semester.

FT 299 Experimental Offering in Fire Technology

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

FT 300 Fire Protection Organization

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This course provides an introduction to fire protection and emergency services. Fire Protection Organization is recommended as the first course in the series of fire technology courses. Topics covered include: career opportunities in fire protection and related fields; culture and history of emergency services; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; an introduction to fire protection systems; and an introduction to fire strategy and tactics; life safety initiatives. This course meets the National Fire Academy, Fire and Emergency Services Higher Education (FESHE) curriculum model for the Principles of Emergency Services.

FT 301 Fire Prevention Technology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: FT 300

Transferable: CSU

This course provides fundamental knowledge relating to the field of fire prevention, history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use and application of codes and standards, plans review, fire inspection practices with identification and correction of fire hazards, fire and life safety education, and fire investigation. This course meets the National Fire Academy, Fire and Emergency Services Higher Education (FESHE) curriculum model for Fire Prevention.

FT 302 Fire Protection Equipment and Systems

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: FT 300 and 301

Transferable: CSU

This course provides information relating to the features of design and operation of fire detection and fire alarm systems, heat and smoke control systems, water-based fire suppression systems, special hazard fire suppression systems, fire protection and sprinkler systems, water supply for fire protection, as well as portable fire extinguishers. This course meets the National Fire Academy, Fire and Emergency Services Higher Education (FESHE) curriculum model for Fire Protection Systems.

FT 303 Building Construction for Fire Protection

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: FT 300, 301, and 302

Transferable: CSU

This course is the study of the components of building construction that relate to firefighter and life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, pre-planning fire operations and operating at fires and other emergencies. The development and evolution of building and fire codes will be studied in relation to past fires in residential, commercial land industrial occupancies.This course meets the National Fire Academy, Fire and Emergency Services Higher Education (FESHE) curriculum model for Building Construction for Fire Prevention.

FT 304 Fire Behavior and Combustion

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: FT 300, 301, 302, and 303

Transferable: CSU

General Education: Local GE L5

This course provides the student with theories and fundamentals of how and why fires start, spread and are controlled; an in-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents and fire control techniques. This course meets the National Fire Academy, Fire and Emergency Services Higher Education (FESHE) curriculum model for Fire Behavior and Combustion.

FT 305 Firefighter Safety and Survival

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: FT 300, 301, 302, 303, and 304

Transferable: CSU

The course introduces the principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavioral changes throughout the emergency services profession. Emphasis is placed on occupational health and safety of firefighters as well as their personal and organizational accountability. Topics include safety, risk management, medical and fitness standards, industry standards relating to vehicle operation and road scene safety as well as firefighter fatality case studies and analysis. The course emphasizes best safety practices before, during, and after the emergency incident. This course meets the National Fire Academy, Fire and Emergency Services Higher Education (FESHE) curriculum model for Principles of Fire and Emergency Services Safety and Survival.

FT 499 Experimental Offering in Fire Technology

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Engineering

Overview

The Folsom Lake College engineering curriculum provides the foundation in mathematics, physics, and engineering necessary to transfer to a university and complete a bachelor's degree in engineering. Engineering involves the application of scientific and mathematical principles needed to solve practical technical problems. Although the first two years of engineering courses for all engineering degrees are similar, students should consult the lower division requirements of the institution to which they wish
to transfer.

Degrees Offered

A.S. in Engineering

Division Dean: Dr. Lorena Navarro

Department Chair: Daniel Hale

Phone: (916) 608-6615

Email: navarrl@flc.losrios.edu

Associate Degree

A.S. in Engineering

The Engineering A.S. degree provides a comprehensive exposure to engineering and pre-engineering fundamentals in preparation for upper-division engineering courses. The program also prepares students for entry-level employment as technicians in a variety of technical industries. The AS Engineering degree is highly customizable, providing flexibility to meet a variety of student and industry needs.

For students planning to transfer to a 4-year University:
Transfer requirements vary. In general, transfer students should plan on taking specific courses that articulate with required courses at their chosen transfer institution. Transfer students are advised to consult with an FLC counselor, www.assist.org, and FLC engineering faculty to plan their programs.

For students planning to complete only the A.S. degree at this time:
The Engineering AS degree provides a highly customizable terminal AS degree to prepare students for entry level employment as engineering technicians in a variety of industries. The degree provides a foundation in pre-engineering fundamentals, as well as some exposure to engineering.

Degree Requirements

Course Code	Course Title	Units
CHEM 400	General Chemistry I	5
MATH 400	Calculus I	5
MATH 401	Calculus II	5
MATH 402	Calculus III	5
MATH 420	Differential Equations	4
PHYS 411	Mechanics of Solids and Fluids	4
PHYS 421	Electricity and Magnetism	4
PHYS 431	Heat, Waves, Light and Modern Physics	4
A minimum of 6 units from the following:		6
CISP 360	Introduction to Structured Programming (4)	
ENGR 303	Introduction to Logic Design (4)	
ENGR 312	Engineering Graphics (3)	
ENGR 400	Introduction to Electrical Circuits and Devices (3)	
ENGR 420	Statics (3)	
Total Units:		**42**

The Engineering Associate in Science (A.S.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- solve problems by applying knowledge of mathematics through differential and integral calculus.
- solve problems by applying knowledge of science including chemistry and physics.
- demonstrate an understanding of the nature of engineering as a discipline and the role of the engineer in society.
- communicate technical information in both written and oral forms to team members and larger audiences.
- seek transfer into an Engineering program at a 4-year institution.

Career Information

Transfer students upon completion of the B.S. degree may expect to find employment in a variety of engineering specialties, such as: Aerospace Engineer; Architectural Engineer; Biomedical Engineer; Chemical Engineer; Civil Engineer; Computer Engineer; Electrical Engineer; Mechanical Engineer, and other types of engineers. Students completing the A.S. degree may seek employment in various technical and support jobs in a variety of industries.

Engineering (ENGR) Courses

ENGR 303 Introduction to Logic Design

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: Some previous exposure to programming at the high school level or above.

Transferable: CSU; UC

This is an introductory course in the fundamentals of designing digital computer hardware. This course covers: logic gates, binary number system, conversion between number systems, Boolean algebra, Karnaugh maps, combinational logic, digital logic design, flip-flops, programmable logic devices (PLDs), counters, registers, memories, state machines, designing combinational logic and state machines into PLDs, and basic computer architecture. The lab is design oriented and emphasizes the use of software equation entry tools, schematic entry, and logic simulation tools. Lab assignments are design oriented. This course is required for Electrical/Electronics Engineering and Computer Engineering majors at some universities. This course is also helpful for Computer Science majors, electronics technicians, and for students wishing to sample computer engineering.

ENGR 312 Engineering Graphics

Units: 3

Hours: 36 hours LEC; 72 hours LAB

Prerequisite: None.

Advisory: Geometry

Transferable: CSU; UC

This course applies the graphical tools needed to analyze, interpret, and solve engineering problems. The engineering design process is taught using manual tools and computer-aided design and drafting (CADD) tools to solve typical engineering problems. Topics include descriptive geometry, vector graphics, orthogonal projection, primary and secondary auxiliary views, geometric dimensioning and tolerancing (GD&T), 3D solid modeling, and an introduction to finite element analysis (FEA) tools. This course is intended for mechanical and civil engineering majors, but may also be required for other programs.

ENGR 400 Introduction to Electrical Circuits and Devices

Units: 3

Hours: 54 hours LEC

Prerequisite: MATH 420 and PHYS 421 with grades of "C" or better; students may be enrolled in MATH 420 concurrently

Transferable: CSU; UC

C-ID: C-ID ENGR 260

This course will provide engineering students with circuit analysis concepts and applications that will be of value in any engineering field as well as a solid foundation for electrical engineering and related majors. The course includes the analysis of circuits with resistors, inductors, capacitors, and independent and dependent voltage and current sources. Many analysis techniques will be applied to DC and AC circuits. Differential equations will be used to find the transient response of circuits. Power calculations will be performed on both DC and AC circuits, including an introduction to three-phase AC power. This course is required for most engineering Bachelors of Science degrees.

ENGR 420 Statics

Units: 3

Hours: 54 hours LEC

Prerequisite: MATH 401 and PHYS 411 with grades of "C" or better

Transferable: CSU; UC

This is a first course in engineering mechanics. Topics include properties of forces, moments, couples and resultants, two- and three-dimensional force systems acting on engineering structures in equilibrium, analysis of trusses and beams, distributed forces, shear and bending moment diagrams, center of gravity, centroids, friction, and area and mass moments of inertia. Optional additional topics include fluid statics, cables, Mohr's circle and virtual work.

ENGR 495 Independent Studies in Engineering

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

ENGR 499 Experimental Offering in Engineering

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

English

Overview

The Folsom Lake College English department offers broad study in the fields of the written and spoken language. This study focuses on the development of skills that are essential to every other discipline. In particular, the ability to read and write effectively will prove invaluable to any student.

View the FLC English Tree Sequence (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/list-of-programs/flc/main/doc/support-services/Assessment-Orientation/English-tree-sequence.pdf) and the English Placement (https://flc.losrios.edu/admissions/placement/english-placement) webpage.

Degrees Offered

A.A.-T. in English

A.A. in English

A.A. in Interdisciplinary Studies: Arts and Humanities

A.A. in Interdisciplinary Studies: Communication and English

Division Dean: Francis Fletcher

Department Chair: Lisa Sapra

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in English

The Associate in Arts in English for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in English at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) Cal-GETC the California General Education Transfer Curriculum (Cal-GETC) Requirement.
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs require that students must earn a "C" or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
ENGL 301	College Composition and Literature (3)	3
or ENGL 481	Honors College Composition and Literature (3)	
ENGL C1001	Critical Thinking and Writing (3)	3
or ENGL C1001H	Critical Thinking and Writing - Honors (3)	
A minimum of 12 units from the following:		12
List A: At least 6 units must come from List A.		
ENGLT 310	English Literature I (3)	
ENGLT 311	English Literature II (3)	
ENGLT 320	American Literature I (3)	
ENGLT 321	American Literature II (3)	
ENGLT 340	World Literature I (3)	
ENGLT 341	World Literature II (3)	
List B: An additional 3 units from List B or any course not used in List A.		
ENGCW 400	Creative Writing (3)	
ENGCW 410	Fiction Writing Workshop (3)	
ENGCW 420	Poetry Writing Workshop (3)	
ENGCW 430	Creative Non-Fiction Writing Workshop (3)	
ENGLT 330	African American Literature (3)	
ENGLT 345	Mythologies of the World (3)	
ENGLT 370	Children and Literature (3)	

Course Code	Course Title	Units
List C: An additional 3-4 units from List C or any course not used in List A or B.		
ANTH 341	Introduction to Linguistics (3)	
BUS 310	Business Communications (3)	
COMM 305	Oral Interpretation (3)	
ENGLT 303	Introduction to the Short Story (3)	
ENGLT 319	Introduction to English Epic Poetry (3)	
ENGLT 339	Postmodern American Fiction (3)	
ENGLT 360	Women in Literature (3)	
ENGLT 402	Introduction to Shakespeare and Film (3)	
FREN 411	Intermediate French (4)	
FREN 412	Intermediate French (4)	
SPAN 411	Intermediate Spanish (4)	
SPAN 412	Intermediate Spanish (4)	
TA 300	Introduction to the Theatre (3)	
Total Units:		**18**

The Associate in Arts in English for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- analyze poetry, drama, and prose (fiction and non-fiction) based on a knowledge of the fundamental elements of literature.
- identify and distinguish major literary developments in British and American literature, identifying key authors and their major works, and recognize their historical, cultural, and literary significance.
- assess relevant opposing views and respond critically to the arguments of others.
- synthesize relevant material to compose academic essays that support insightful thesis statements with appropriate evidence and that develop arguments with analysis and relevant external sources, all with a concern for audience.
- evaluate and integrate print and electronic sources in their essays, applying current MLA standards of documentation.

Associate Degrees

A.A. in English

The English major offers courses in literature, composition, and creative writing designed to enhance communication skills, deepen cultural awareness, provide a breadth of knowledge appropriate for many degree and vocational programs, and prepare students for transfer to four-year institutions, and for a baccalaureate major in English or related majors.

Degree Requirements

Course Code	Course Title	Units
ENGL C1000	Academic Reading and Writing (3)	3 - 4
or ESLW 340	Advanced Composition (4)	
or ENGL C1000H	Academic Reading and Writing - Honors (3)	
ENGL 301	College Composition and Literature (3)	3
or ENGL C1001	Critical Thinking and Writing (3)	
or ENGL 481	Honors College Composition and Literature (3)	
or ENGL C1001H	Critical Thinking and Writing - Honors (3)	
ENGLT 320	American Literature I	3
ENGLT 321	American Literature II	3
ENGLT 310	English Literature I	3
ENGLT 311	English Literature II	3
A minimum of 6 units from the following:		6
ELECTIVES		
ENGED 305	Structure of English (3)	
ENGED 320	Tutoring Elementary Students in Reading (3)	
ENGCW 400	Creative Writing (3)	
ENGCW 410	Fiction Writing Workshop (3)	
ENGCW 420	Poetry Writing Workshop (3)	
ENGCW 430	Creative Non-Fiction Writing Workshop (3)	
ENGCW 452	College Literary Magazine (4)	
ENGLT 303	Introduction to the Short Story (3)	
ENGLT 339	Postmodern American Fiction (3)	
ENGLT 340	World Literature I (3)	
ENGLT 341	World Literature II (3)	
ENGLT 345	Mythologies of the World (3)	
ENGLT 360	Women in Literature (3)	
ENGLT 370	Children and Literature (3)	
ENGLT 402	Introduction to Shakespeare and Film (3)	
Total Units:		**24 - 25**

The English Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- analyze poetry, drama, and prose (fiction and non-fiction) based on a knowledge of the fundamental elements of literature.
- identify and distinguish major literary developments in British and American literature, identifying key authors and their major works, and recognize their historical, cultural, and literary significance.
- assess relevant opposing views and respond critically to the arguments of others.
- synthesize relevant material to compose academic essays that support insightful thesis statements with appropriate evidence and that develop arguments with analysis and relevant external sources, all with a concern for audience.
- evaluate and integrate print and electronic sources in their essays, applying current MLA standards of documentation.

A.A. in Interdisciplinary Studies: Arts and Humanities

The Interdisciplinary Studies degree is designed for students who seek a greater understanding of disciplines within the arts and humanities. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Arts and Humanities. These courses emphasize the study of cultural, literary, and humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities). Students will learn to value aesthetic understanding and incorporate these concepts when constructing value judgments (Possible majors at a four-year institution include, but are not limited to: Art, English, Foreign Language, Humanities, Linguistics, Music, Philosophy, and Theatre Arts).

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
ART 300	Drawing and Composition I (3)	
ART 302	Drawing and Composition II (3)	
ART 304	Figure Drawing I (3)	
ART 308	Perspective Drawing (3)	
ART 310	Pen and Ink Drawing (3)	
ART 312	Portrait Drawing (3)	
ART 320	Design: Fundamentals (3)	
ART 323	Design: Color Theory (3)	
ART 327	Painting I (3)	
ART 332	Oil Painting (3)	
ART 334	Acrylic Painting (3)	
ART 336	Watercolor Painting (3)	
ART 337	Intermediate Watercolor Painting (3)	
ART 361	Printmaking: Survey (3)	
ART 370	Three Dimensional Design (3)	
ART 372	Sculpture (3)	
ART 373	Intermediate Sculpture (3)	
ART 383	Metal Design: Emphasis In Fabrication (3)	
ART 386	Intermediate Metal Design: Emphasis in Fabrication (3)	
ART 387	Intermediate Metal Design: Emphasis in Forming (3)	
ART 390	Ceramics (3)	
ART 402	Beginning Clay Sculpture (3)	
ART 404	Intermediate Clay Sculpture (3)	
ART 430	Art and Children (3)	
ARTH 300	Art Appreciation (3)	
ARTH 304	Ancient Art (3)	
ARTH 306	Medieval Art (3)	
ARTH 307	Italian Renaissance Art (3)	
ARTH 309	Art Survey: Renaissance to 19th Century (3)	
ARTH 311	Art Survey: Modern Art (3)	
ARTH 312	Women in Art (3)	

Course Code	Course Title	Units
ARTH 318	History of American Art (3)	
ARTH 324	Art of the Americas (3)	
ARTH 325	Native American Art History (3)	
ARTH 328	Survey of African Art (3)	
ARTH 330	Survey of African-American Art (3)	
ARTH 332	Asian Art (3)	
ARTH 333	Introduction to Islamic Art (3)	
ARTH C1100	Survey of Art from Prehistory to the Medieval Era (3)	
COMM 305	Oral Interpretation (3)	
DANCE 380	World Dance History (3)	
ECE 361	Introducing Young Children to Visual Arts (3)	
ECE 363	Music and Movement with Young Children (3)	
ENGCW 400	Creative Writing (3)	
ENGCW 410	Fiction Writing Workshop (3)	
ENGCW 420	Poetry Writing Workshop (3)	
ENGCW 430	Creative Non-Fiction Writing Workshop (3)	
ENGLT 303	Introduction to the Short Story (3)	
ENGLT 305	Introduction to the Novel (3)	
ENGLT 310	English Literature I (3)	
ENGLT 311	English Literature II (3)	
ENGLT 319	Introduction to English Epic Poetry (3)	
ENGLT 320	American Literature I (3)	
ENGLT 321	American Literature II (3)	
ENGLT 330	African American Literature (3)	
ENGLT 339	Postmodern American Fiction (3)	
ENGLT 340	World Literature I (3)	
ENGLT 341	World Literature II (3)	
ENGLT 345	Mythologies of the World (3)	
ENGLT 359	Prison Writings: The Rhetoric of Resistance (3)	
ENGLT 360	Women in Literature (3)	
ENGLT 370	Children and Literature (3)	
ENGLT 402	Introduction to Shakespeare and Film (3)	
ENGL 301	College Composition and Literature (3)	
ENGL 481	Honors College Composition and Literature (3)	
FREN 401	Elementary French (4)	
FREN 402	Elementary French (4)	
FREN 411	Intermediate French (4)	
FREN 412	Intermediate French (4)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
HUM 300	Classical Humanities (3)	
HUM 301	Introduction to the Humanities (3)	
HUM 310	Modern Humanities (3)	
HUM 320	Asian Humanities (3)	
HUM 325	Arts and Humanities of the Islamic World (3)	
HUM 332	American Humanities (3)	
HUM 370	Women and the Creative Imagination (3)	
KINES 309	Sports and Film (3)	
MUFHL 300	Introduction to Music (3)	
MUFHL 308	Introduction to Music: Rock & Roll (3)	
MUFHL 310	Survey of Music History and Literature (Greek Antiquity to 1750) (3)	
MUFHL 311	Survey of Music History and Literature (1750 to the present) (3)	
MUFHL 315	Jazz History (3)	
MUFHL 321	Basic Musicianship (3)	
MUFHL 330	World Music (3)	
MUFHL 400	Music Theory and Musicianship I (4)	
MUFHL 401	Music Theory and Musicianship II (4)	
MUFHL 410	Music Theory and Musicianship III (4)	
MUFHL 411	Music Theory and Musicianship IV (4)	
MUIVI 310	Voice Class I (2)	
MUIVI 345	Beginning Piano I (1 - 2)	
MUIVI 370	Beginning Guitar (2)	
MUP 350	Concert Choir I (2)	
MUP 357	College Chorus (2)	
PHIL 300	Introduction to Philosophy (3)	

Course Code	Course Title	Units
PHIL 310	Introduction to Ethics (3)	
PHIL 330	History of Classical Philosophy (3)	
PHIL 331	History of Modern Philosophy (3)	
PHIL 350	Philosophy of Religion (3)	
PHIL 352	Introduction to World Religions (3)	
PHOTO 302	Beginning Digital Photography (3)	
PHOTO 420	History of Photography (3)	
SILA 305	American Sign Language 1 (4)	
SILA 306	American Sign Language 2 (4)	
SILA 315	American Sign Language 3 (4)	
SILA 316	American Sign Language 4 (4)	
SPAN 401	Elementary Spanish I (4)	
SPAN 402	Elementary Spanish II (4)	
SPAN 411	Intermediate Spanish (4)	
SPAN 412	Intermediate Spanish (4)	
TA 300	Introduction to the Theatre (3)	
TA 302	History and Theory of the Theatre I (3)	
TA 303	History and Theory of the Theatre II (3)	
TA 304	Women in Theatre (3)	
TA 308	Diversity in American Theatre (3)	
TA 340	Beginning Acting (3)	
TA 350	Theory and Techniques of Acting I (3)	
TA 351	Theory and Techniques of Acting II (3)	
TA 422	Stage Lighting (3)	
TAFILM 300	Introduction to Film (3)	
TAFILM 303	History of Film: 1880's through 1950's (3)	
TAFILM 304	History of Film: 1950's to Present (3)	
TAFILM 307	Diversity in American Film (3)	
TAFILM 320	Cinema Genres (3)	
TAFILM 330	Film Making (3)	
TAFILM 360	Screenwriting (3)	
TAFILM 480	Honors Introduction to Film (3)	
TAP 300	Modern Rehearsal and Performance I (1 - 3)	
TAP 310	Modern Technical Production I (1 - 3)	
TAP 320	Classical Rehearsal and Performance I (1 - 3)	
TAP 330	Classical Technical Production I (1 - 3)	
TAP 340	Musical Rehearsal and Performance I (1 - 3)	
TAP 350	Musical Technical Production I (1 - 3)	
TAP 360	Children's Theatre Rehearsal and Performance I (1 - 3)	
TAP 370	Children's Theatre Technical Production I (1 - 3)	
TAP 380	Repertory/Touring Rehearsal and Performance I (1 - 3)	
TAP 390	Repertory and Touring Technical Production I (1 - 3)	
Total Units:		**18**

The Interdisciplinary Studies: Arts and Humanities Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities).

A.A. in Interdisciplinary Studies: Communication and English

The Interdisciplinary Studies degree is designed for students who wish a broad knowledge of arts and sciences plus additional coursework in a prescribed “Area of Emphasis”. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Communication and English. These courses emphasize the content of communication as well as the form and should provide an understanding of the psychological basis and the social significance of communication. Students will be able to assess communication as the process of human symbolic interaction. Students will also develop skills in the areas of reasoning and advocacy, organization, accuracy, and reading and listening effectively. Students will be able to integrate important concepts of critical thinking as related to the development of analysis and critical evaluation. Students will also learn to reason inductively and deductively in order to make important decisions regarding life and society at large. (Possible majors at a four-year institution include, but are not limited to: English, communication and philosophy.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
You must select courses from three different disciplines.		
COMM C1000	Introduction to Public Speaking (3)	
COMM 311	Argumentation and Debate (3)	
COMM 315	Persuasion (3)	
COMM 331	Group Discussion (3)	
COMM 361	The Communication Experience (3)	
ENGRD 310	Critical Reading as Critical Thinking (3)	
ENGL C1000	Academic Reading and Writing (3)	
ENGL 301	College Composition and Literature (3)	
ENGL C1001	Critical Thinking and Writing (3)	
PHIL 300	Introduction to Philosophy (3)	
PHIL 320	Logic and Critical Reasoning (3)	
PHIL 325	Symbolic Logic (3)	
Total Units:		18

The Interdisciplinary Studies: Communication and English Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- analyze critically, argue persuasively, and communicate clearly (Communication and English).

English (ENGL) Courses

ENGL 33 Support for Academic Reading and Writing

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Corequisite: ENGL C1000

This course provides further instruction in the critical thinking and writing skills for successful completion in college composition. Writing assignments are all connected to the students' assignments in ENGL C1000. The course includes the drafting, revision and editing process, as well as instruction in research and MLA citation. This course was formally know as ENGWR 33.

ENGL 39 Basic Writing Skill Development

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Corequisite: A student taking this course must also be enrolled in ENGL C1000 or another course that requires a significant amount of writing.

This course provides instruction in reading and writing skills to support students with their transfer level ENGWR courses. Topics will include using critical reading strategies, analyzing and evaluating writing, creating thesis statements and claims, practicing rhetorical skills, applying MLA citation and formatting.

The class is taught in an individualized, modular format and is graded on a Pass/No Pass basis. Students may enroll up through the third week of the semester. This course was formally known as ENGWR 39.

ENGL 46 Individualized Writing Skills

Units: 1.5

Hours: 27 hours LEC

Prerequisite: None.

This class offers personalized writing instruction programs at a wide range of skill levels designed to help the student acquire or improve writing skills in specific areas. Programs assigned will vary according to the student's needs, goals, and ability level. Specific skill areas could include: grammar, punctuation and mechanics, sentence coordination and subordination, topic sentence, paragraph and essay development and organization, thesis statement, and rhetorical modes. This course is graded on a Pass/ No Pass basis. Students may register through the 8th week of the semester. Scheduling is flexible depending on the FLC Reading and Writing Center or EDC or RCC English Center hours of operation. This course was formally known as ENGWR 46.

ENGL 48 Individualized Vocabulary Skills

Units: 1.5

Hours: 27 hours LEC

Prerequisite: None.

Individualized instruction modules at a wide range of skill levels designed to help the student acquire and/or improve written vocabulary skills and usage. Modules assigned will vary according to student's needs and ability level. Specific skill areas could include: using words in context; effective dictionary usage; prefixes, suffixes and roots; job-related, college related and/or other specialized vocabularies. This course is graded on a Pass/No Pass basis. Students may register up through the 8th week of the semester. Scheduling is flexible, based on the FLC Reading and Writing Center or EDC English Center's hours of operation. This course was formally known as ENGWR 48.

ENGL 110 College Reading and Writing Skills

Units: 4

Hours: 72 hours LEC

Prerequisite: None.

Corequisite: ENGLB 71

This pre-transfer-level course is designed to prepare students for success in ENGWR 300 and other courses that require college level reading and writing. Students will read primarily transfer-level non-fiction texts of varying length, and write essays responding to and incorporating these readings. The course will focus on reading and writing fundamentals, such as active reading strategies, writing process, thesis development, paragraph structure, logical support, and sentence awareness. A half-unit Reading and Writing Center English Lab (ENGLB 71) is also required to provide more individualized support.

ENGL 299 Experimental Offering in English

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

ENGL 301 College Composition and Literature

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000 or C1000H with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L1B; Local GE L3; Cal-GETC Area 1B

C-ID: C-ID ENGL 120

This course offers study and practice in critical reading of and analytical writing about literature. Students read fiction, poetry, drama, nonfiction, and criticism from diverse cultural sources and perspectives. With a minimum of four critical essays totaling 5,000 words, and the use of relevant external sources, students analyze, criticize, reason inductively and deductively, and reach evaluative conclusions based on evidence and sound inferences derived from their close readings of literary texts. This course was formerly known as ENGWR 301 and is not open to students who have successfully completed that course or its honors equivalent ENGL/ENGWR 481.

ENGL 481 Honors College Composition and Literature

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000 or C1000H with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L1B; Local GE L3; Cal-GETC Area 1B

C-ID: C-ID ENGL 120

This honor's course offers a rigorous study and practice in critical reading of and analytical writing about literature and extends beyond the traditional composition and literature course. In this advanced seminar, honors students read fiction, poetry, drama, nonfiction, and criticism from diverse cultural sources and perspectives. Honors students learn about and apply literary theories to deepen analysis and critical perspective expanding beyond the traditional ENGWR 301 course. Students in this advanced honor's course will engage in complex written work totaling a minimum of 6500 words through at least four essays using MLA citation methods. Honors students will engage in research and oral presentation, utilizing relevant external sources to analyze, criticize, reason inductively and deductively, and assert evaluative conclusions based on evidence and sound inferences derived from their close readings of literary texts. Honors students will engage in additional presentations of independent and collaborative research. This course was formerly known as ENGWR 481 and is not open to students who have successfully completed that course or its equivalent ENGL/ENGWR 301.

ENGL 495 Independent Studies in English

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

ENGL 499 Experimental Offering in English

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

ENGL C1000 Academic Reading and Writing

Units: 3

Hours: 54 hours LEC

Prerequisite: Placement as determined by the college's multiple measures assessment process

Transferable: CSU; UC

General Education: Local GE L1A; Cal-GETC Area 1A

C-ID: C-ID ENGL 100

This course was formerly known as ENGWR 300 College Composition.

In this course, students receive instruction in academic reading and writing, including writing
processes, effective use of language, analytical thinking, and the foundations of academic research. Students will develop an awareness of their audience and individual writing voices through a variety of written assignments (5000 words). The course will emphasize workshop, collaboration, and reflection on the writer's process. Reading assignments include a variety of transfer-level texts of substantial length including one full-length literary work. This course was formerly known as ENGWR 300 and is not open to students who have successfully completed ENGWR 300 or 480. Students may satisfy the prerequisite for the course through the Los Rios placement process OR guided self-placement OR successful completion of ESL 325.

ENGL C1001 Critical Thinking and Writing

Units: 3

Hours: 54 hours LEC

Prerequisite: College-level composition (ENGL C1000/ENGL C1000H/ENGL C1000E/C-ID ENGL 100) or equivalent

Transferable: CSU; UC

General Education: Local GE L1B; Cal-GETC Area 1B

C-ID: C-ID ENGL 105

This course was formerly known as ENGWR 302 Advanced Composition and Critical Thinking.

In this course, students receive instruction in critical thinking for purposes of constructing,
evaluating, and composing arguments in a variety of rhetorical forms, using primarily non-fiction
texts, refining writing skills and research strategies developed in ENGL C1000 Academic Reading and
Writing (C-ID ENGL 100) or similar first-year college writing course. Students will examine methods by which people are persuaded to think, believe, and/or act by exploring the relationship between language and logic. Students will identify fallacies of argument and craft traditional and/or multimodal arguments in context of current social, economic, political, and environmental discourse. This course includes writing a minimum of 5,000 words. This course was formerly known as ENGWR 302 and is not open to students who have successfully completed ENGWR 302 or 482. Students may satisfy the prerequisite for the course through successful completion of ENGL C1000 or C1000H or ESLW 340.

ENGL C1000H Academic Reading and Writing - Honors

Units: 3

Hours: 54 hours LEC

Prerequisite: Placement as determined by the college's multiple measures assessment process

Transferable: CSU; UC

General Education: Local GE L1A; Cal-GETC Area 1A

C-ID: C-ID ENGL 100

This course was formerly known as ENGWR 480 Honors College Composition.

In this course, students receive instruction in academic reading and writing, including writing
processes, effective use of language, analytical thinking, and the foundations of academic research.
This is an honors course. This honors composition course focuses on reading, writing, and critical thinking skills that extend past those developed in a traditional composition course. This rigorous course requires the analysis of complex short works along with at least one full-length professional text. Honors students will write carefully reasoned, stylistically sophisticated essays, which include appropriate MLA documentation and additional research. The written work of honors students should demonstrate a more nuanced view of writing situation and purpose. Honors students will refine their practice of rhetorical strategy, research, and citation methods in a minimum of 6,500 written words in at least four essays. Honors students will engage in additional presentations of independent and collaborative research. This course was formerly known as ENGWR 480 and is not open to students who have successfully completed ENGWR 300 or 480. Students may satisfy the prerequisite for the course through the Los Rios placement process OR guided self-placement OR successful completion of ESL 325.

ENGL C1001H Critical Thinking and Writing - Honors

Units: 3

Hours: 54 hours LEC

Prerequisite: College-level composition (ENGL C1000/ENGL C1000H/ENGL C1000E/C-ID ENGL 100) or equivalent

Transferable: CSU; UC

General Education: Local GE L1B; Cal-GETC Area 1B

C-ID: C-ID ENGL 105

This course was formerly known as ENGWR 482 Honors Advanced Composition and Critical Thinking.

In this course, students receive instruction in critical thinking for purposes of constructing,
evaluating, and composing arguments in a variety of rhetorical forms, using primarily non-fiction
texts, refining writing skills and research strategies developed in ENGL C1000 Academic Reading and
Writing (C-ID ENGL 100) or similar first-year college writing course. This is an honors course. This honors course refines critical reasoning, reading, and writing, and requires a high level of competence in English composition extending beyond a traditional ENGL C1001 course. In this advanced seminar, honors students will read, discuss, and analyze complex texts, such as essays and book-length works reflecting a variety of social, cultural, and historical contexts. Honors students will employ elements of inductive and deductive reasoning, persuasion, and argumentation. Honors students will write at least 6500 words in at least four nuanced academic essays of a variety of purposes, including primary and secondary research and use of the Modern Language Association citation methods. Honors students will engage in research and oral presentation, utilizing relevant external sources to analyze, criticize, reason inductively and deductively, and assert evaluative conclusions based on evidence and sound inferences derived from their close readings of scholarly texts. Honors students will engage in additional presentations of independent and collaborative research. This course was formerly known as ENGWR 482 and is not open to students who have successfully completed ENGWR 302 or 482 or ENGL C1001. Students may satisfy the prerequisite for the course through successful completion of ENGL C1000 or C1000H or ESLW 340.

English - Creative Writing (ENGCW) Courses

ENGCW 400 Creative Writing

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL 110 with a grade of "C" or better; Placement into ENGWR 300 via the assessment process.

Transferable: CSU; UC (UC credit limitation: 400, 410, 420 and 430 combined: maximum credit, two courses)

General Education: Local GE L3

C-ID: C-ID ENGL 200

This introductory creative writing course offers writing experience in three or four of the following genres: short story, poetry, creative nonfiction, and script writing. The course includes analysis of literary models, faculty and class critiques of work, and discussion of literary techniques in each of the covered genres.

ENGCW 410 Fiction Writing Workshop

Units: 3

Hours: 54 hours LEC

Prerequisite: Eligibility for ENGWR 300 or ENGWR 480 or ESLW 340

Transferable: CSU; UC (UC credit limitation: 400, 410, 420 and 430 combined: maximum credit, two courses)

General Education: Local GE L3

This course is focused on the craft of fiction writing, with an emphasis on short fiction. Students write short fictional pieces, receive feedback from their peers and the instructor, and analyze fiction written by professional writers.

ENGCW 420 Poetry Writing Workshop

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC (UC credit limitation: 400, 410, 420 and 430 combined: maximum credit, two courses)

General Education: Local GE L3

This course focuses on the craft of poetry writing. Students write a number of poems in a variety of forms, receive feedback on their poetry from their peers and the instructor, and analyze poetry written by professional writers.

ENGCW 430 Creative Non-Fiction Writing Workshop

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC (UC credit limitation: 400, 410, 420 and 430 combined: maximum credit, two courses)

General Education: Local GE L3

This is a creative writing course concentrating on the literary essay. Students will write and critically examine various kinds of creative nonfiction such as memoir, autobiography, prose with poetic elements (prose-poetry), and fact-based or philosophical writing with a definite literary, stylistic component. It also focuses on constructive in-class analysis of personal essays written by students.

ENGCW 452 College Literary Magazine

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU

This course provides instruction and editorial staff experience in producing a literary and fine arts magazine. Editorial staff collaborate with multiple departments to prepare FLC's college magazine, The Machine, for national competitions sponsored by organizations such as the Columbia Scholastic Press Association and the Associated Collegiate Press. The course focuses on the selection and editing of literary content, and on the publicity, marketing, fundraising, and distribution of a magazine. This course may be taken four times for credit.

ENGCW 495 Independent Studies in English - Creative Writing

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

ENGCW 499 Experimental Offering in English - Creative Writing

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

English - Education (ENGED) Courses

ENGED 305 Structure of English

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000, ENGL C1000H, or ESLW 340 with a grade of "C" or better

Transferable: CSU

Designed for prospective teachers or those entering professions requiring strong written language skills, this course is a study of the structure of English grammar systems, especially as they relate to writing. Students will write 2-3 short essays (totaling 2000 words) in which they discuss various aspects of grammar instruction. The class includes the study and practice of traditional and modern grammars, with emphasis on the relationship of grammar to sentence structure. Students will have the opportunity to study the history of the English language, instructional methodologies, and selected issues of language acquisition among the culturally diverse population in California schools. This class meets the CSU, Sacramento, requirement for Liberal Studies majors and is on the list of recommended courses for English majors.

ENGED 320 Tutoring Elementary Students in Reading

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Enrollment Limitation: Students are required to show proof of TB clearance and complete a fingerprint clearance through the cooperating school district before they can attend the school site for field work.

Transferable: CSU

General Education: Local GE L7B

This class offers students an opportunity to learn and practice basic methods of tutoring elementary children in reading. After the first 2-3 weeks of training, students will be assigned to a nearby public elementary school to tutor during school hours, or they may be placed in a before or after school program. At the tutoring site, they will have in-depth practice tutoring elementary children who are reading below grade level. The students will tutor a total of 54 hours. Students will continue to attend the lecture portion of the class throughout the semester in order to receive additional training. This course is one of the two required field experience courses for the CSUS Liberal Studies major,

also known as the Teacher Preparation Program. Prior to beginning work in the schools, students may be required to be fingerprinted and must pass a TB test.

ENGED 495 Independent Studies in English - Education

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

ENGED 499 Experimental Offering in English - Education

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

English - Laboratory (ENGLB) Courses

ENGLB 71 Reading and Writing Across the Curriculum

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Students receive individualized assistance with their reading and writing assignments across the disciplines. Students may enter the course up through the 8th week of the semester and earn either 0.5 or 1 unit per semester. ENGLB 71 may be taken for up to 3 units total, at a rate of .5 or 1.0 unit per semester, until the 3 unit limit is reached or course is being repeated for the third time. This course is graded on a pass/no pass basis.

English - Literature (ENGLT) Courses

ENGLT 303 Introduction to the Short Story

Units: 3

Hours: 54 hours LEC

Prerequisite: Placement into ENGL C1000 or equivalent through the assessment process.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course introduces students to the short story genre, and involves a close study of this genre's role in literary history. Students will read, analyze, and discuss short stories by predominantly American and British authors, but include authors from other countries who have been significant to this genre. Thematic emphasis will focus on the connections between literature, culture, and human experience.

ENGLT 305 Introduction to the Novel

Units: 3

Hours: 54 hours LEC

Prerequisite: Eligibility for ENGL C1000 or equivalent.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course explores the novel and its genre conventions beginning with its formative years and the writings of Samuel Richardson and Daniel Defoe to the present.

ENGLT 310 English Literature I

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000, ENGL C1000H, or ESLW 340 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

C-ID: C-ID ENGL 160

This course involves a close study of significant works of major British authors from the Beowulf poet through Samuel Johnson, with consideration of the important aspects of British literary history. In this course, students will read and analyze numerous literary works relevant to literature as a whole and to British culture in particular, making connections between various literary periods.

ENGLT 311 English Literature II

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

C-ID: C-ID ENGL 165

This course surveys significant works of British authors from the beginning of Romanticism in the Eighteenth Century to the Moderns and Post-Moderns of the Twentieth Century, with consideration of the important aspects of English literary history. In this course, students will read and analyze numerous literary works relevant to literature as a whole and to British culture in particular, making connections between various literary periods.

ENGLT 319 Introduction to English Epic Poetry

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000 with a grade of "C" or better

Advisory: ENGLT 310, 311, and 340

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course involves a study of English Epic poetry, literature too long and too complex to be covered in traditional English literature survey courses. This course reviews the conventions of epic poetry (with a focus on the works by Homer and Virgil), explains the typical structure, devices, and concerns of the epic, and studies the particular development of the English epic with analysis of epic poetry by Spenser, Milton, and Wordsworth (or any other English work of literature that could be considered an epic like Beowulf or Tennyson's Idylls of the King). Additionally, this course involves a cursory study of the lives of the poets and of their times to understand themes in their respective works, ultimately to put their poems in an historical context and to recognize their influences on literature and on the world as a whole and to appreciate these poems individually as works of art.

ENGLT 320 American Literature I

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

C-ID: C-ID ENGL 130

This course surveys representative early American literature from approximately 1620 to 1865, the Civil War period. It begins with a consideration of pre-colonial American influences such as Native American oral tradition and European exploration of the Americas, through Colonial literature, to the emergence of a distinctive national literature, the "American Renaissance," "reformism," and the diversity of voices that will continue into modern American literature.

ENGLT 321 American Literature II

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

C-ID: C-ID ENGL 135

This course surveys representative American literature from approximately 1865 (the post-Civil War period) to the present, with consideration of important aspects of American literary history. It begins with the end of the Romantic period and follows the rise of Realism and Modernism. The course may incorporate examples of local color, regionalism, social criticism, naturalism and determinism, and/or works by "Lost Generation" or modernist writers as well as contemporary authors and poets.

ENGLT 330 African American Literature

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course is a survey of the most representative African-American writers and periods of African-American Literature from slavery to the present. This comprehensive literary study includes analysis of significant historical and cultural influences.

ENGLT 339 Postmodern American Fiction

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course analyzes American Fiction (1960-2000) that depicts postmodernism, the radical cultural and intellectual shift that has profoundly altered Western traditional thought and art. Students will gain a more critical awareness of the aesthetic, ideological, and

philosophical issues of postmodernism, and understand how traditional assumptions about meaning-making were undermined by doubts about knowledge, perception, and identity. Students from various majors across the curriculum will have the opportunity to explore the important interconnections between literature, cultural studies, philosophy, art, art history, architectural studies, anthropology, sociology, psychology, and physics, all of which intersect in postmodern thought and fiction.

ENGLT 340 World Literature I

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000, ENGL C1000H, or ESLW 340 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

C-ID: C-ID ENGL 140

This course involves a survey of significant masterpieces of Classical, Medieval, and Renaissance literature from the Hebrew Bible to John Milton's Paradise Lost. Students will analyze numerous works of literature, comparing ideas across time, place, and culture and making connections between different literary works and between different literary periods.

ENGLT 341 World Literature II

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000, ENGL C1000H, or ESLW 340 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

C-ID: C-ID ENGL 145

This course involves a survey of significant masterpieces of modern world literature from the middle of the seventeenth century to the present. Students will analyze numerous works of literature, comparing ideas across time, place, and culture and making connections between different literary works and between different literary periods.

ENGLT 345 Mythologies of the World

Units: 3

Hours: 54 hours LEC

Prerequisite: Placement into ENGLC 1000 or equivalent through the assessment process.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course examines some of the myths underlying the western world view, and recognizes diversity and commonality in myths from Middle Eastern, Native North American, African, Asian, and South American cultures. Students compare and contrast myths from different cultures and analyze various themes, including: the goddess culture, the nature of creation, the dying and reviving god, and the hero's journey. In addition, students will identify Judaeo-Christian themes in various myths and evaluate the myths' psychological applications. From this process, they will gain an understanding of ethnocentrism, ethnicity and racism and the impact of these on the American experience.

ENGLT 359 Prison Writings: The Rhetoric of Resistance

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000 with a grade of "C" or better, or placement through the assessment process.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

We examine the writings of the incarcerated, whose letters, essays and books expose prisons as the arm of an oppressive state, the instrument of racial/ethnic and economic oppression and the home for political prisoners around the world. From Gandhi to Martin Luther King, Solzhenitsyn to Gramsci, Angela Davis to Nelson Mandela to Leonard Peltier, Malcolm X and countless others, prison writings form a record of resistance to tyranny and oppression worldwide. This class examines these writings, their impact and the resistance movements of which they are a part.

ENGLT 360 Women in Literature

Units: 3

Hours: 54 hours LEC

Prerequisite: Placement into ENGL C1000 or equivalent through the assessment process.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course is a survey of literature from the Middle Ages through the 21st Century, designed for students who are interested in examining the writing of and about women and their roles in literature, both as writers and as protagonists. Emphasis will be placed on literature that develops

protagonists and explores literary themes found in these works, such as: women representative of or in conflict with their societies; women and power; women as daughters, wives, mothers, sisters, leaders; independence vs. dependence; domestic vs. public space; women in relation to men and to each other. In developing cultural competency, students will also explore related issues as discovered in the readings, including ethnocentrism, racism, ageism, classism, gender construction, gender inequity, sexual orientation, and religious differences. The literary selections may include essays, biographies, short stories, novels, poems, and plays. These works will be considered in various critical and theoretical perspectives: feminist, historical, formalist/ New Critical, psychoanalytical, sociological, biographical, Marxist, and eco-critical.

ENGLT 370 Children and Literature

Units: 3

Hours: 54 hours LEC

Prerequisite: Eligibility for ENGL C1000, ENGL C1000H, or ESLW 340.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

C-ID: C-ID ENGL 180

This course is a survey of children's literature that requires the reading and study of children's poetry, traditional literature, fantasy and science fiction, realistic fiction, historical fiction, nonfiction for children, and children's literature for a diverse society. This course includes discussion of the history of children's literature and of current issues, such as censorship, literacy, and multicultural diversity. This course covers literary elements of plot, characters, setting, theme, style, and techniques specific to children's literature, such as illustrations and visual elements. This course provides students of literature an opportunity to appreciate all genres of children's literature.

ENGLT 402 Introduction to Shakespeare and Film

Units: 3

Hours: 54 hours LEC

Prerequisite: Eligibility for ENGWR 300

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course will draw connections between traditional and contemporary literary genres as students read William Shakespeare's selected histories, comedies, tragedies, and romances, critically analyzing film versions of the plays, and examining the effects of various cultural eras from Elizabethan to contemporary culture on various stage and film versions.

ENGLT 495 Independent Studies in Literature

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

ENGLT 499 Experimental Offering in Literature

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

English - Reading (ENGRD) Courses

ENGRD 18 Individualized Reading Skills

Units: 1 - 2

Hours: 18 - 36 hours LEC

Prerequisite: None.

This course offers individualized reading instruction modules at a wide range of skill levels, from basic to advanced, designed to help the student improve reading skills in specific areas. Modules assigned will vary according to the student's needs and ability level. Specific skill areas could include: comprehension (stated and implied main idea, major and minor details, inferences, organization, fact from opinion, tone, evaluating arguments), vocabulary development, and textbook reading skills. This course is graded on a Pass / No Pass basis. Students may register through the 8th week of the semester. Scheduling is flexible, based on the FLC Reading and Writing Center or EDC English Center hours of operation.

ENGRD 110 Comprehension Strategies and Vocabulary Development For College

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGLB 71

This course is designed to help students prepare for college level reading. Areas of concentration include vocabulary development, literal and inferential comprehension skills, textbook reading techniques, study skills, and reading for pleasure. Students will become more efficient readers by learning to vary reading rate depending upon their purposes for reading. Enrollment in ENGLB 71 is recommended for additional individualized help.

ENGRD 299 Experimental Offering in English - Reading

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

ENGRD 310 Critical Reading as Critical Thinking

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGLB 71 or ENGRD 18

Transferable: CSU

General Education: Local GE L1B

This course covers the theory and practice of critical reading as critical thinking for successful academic performance. The course emphasizes the following areas: logic and its relation to written text; inductive and deductive reasoning; formal and informal fallacies; academic vocabulary advancement; development of effective and flexible reading rates; proficiency of textual comprehension; identification of rhetorical elements; discernment between factual evidence and opinion; strategic application of these abilities in reading university level texts. This course meets Los Rios' Area II b critical thinking for general education requirements. One or more hours per week may be required in the Folsom Lake College Reading and Writing Center or English Center.

ENGRD 315 Reading Across the Disciplines for Content Courses

Units: 0.5 - 1

Hours: 9 - 18 hours LEC

Prerequisite: None.

Corequisite: Another transfer-level content-area course.

Transferable: CSU

This course offers reading skills to students as they apply to various content-area courses. Topics include the principles of the reading process, analysis of discipline specific reading assignments, strategies for retention, study and utilization of discipline-specific vocabulary and research strategies particular to the chosen discipline. Students should contact the Reading and Writing Center before enrolling. This course is graded on a pass/no pass basis.

English Course Sequence

English Composition Classes by Placement

Path 1: ENGL C1000 or ENGL C1000H Placement

First Semester

Enroll in *one* of the following:

- **ENGL C1000: Academic Reading and Writing**[1] (3 units)
- **ENGL C1000H: Academic Reading and Writing - Honors**[1] (3 units)

Second Semester

Enroll in *one* of the following:

- **ENGWR 301: College Composition and Literature**[2] (3 units)
- **ENGWR 481: Honors College Composition and Literature**[2] (3 units)
- **ENGL C1001: Critical Thinking and Writing**[2] (3 units)
- **ENGL C1001H: Critical Thinking and Writing - Honors**[2] (3 units)

[1] Satisfies local AA/AS and Cal-GETC 1A requirements. Transferable to UC/CSU – speak with a counselor for transfer information.

[2] Satisfies local AA/AS and Cal-GETC 1B requirements. Transferable to UC/CSU – speak with a counselor for transfer information.

Path 2: ENGL C1000/ENGWR 33 Combo Placement

First Semester

Students take a combination of courses designed to ensure their success. Enroll in *both* of the following:

- **ENGL C1000: Academic Reading and Writing**[3] (3 units) and
- **ENGWR 33: Support for College Composition** (2 units).
  - Each ENGWR 33 has its own required section of ENGL C1000.

Second Semester

Enroll in *one* of the following:

- **ENGWR 301: College Composition and Literature**[4] (3 units)
- **ENGWR 481: Honors College Composition and Literature**[4] (3 units)
- **ENGL C1001: Critical Thinking and Writing**[4] (3 units)
- **ENGL C1001H: Critical Thinking and Writing - Honors**[4] (3 units)

[3] Satisfies local AA/AS and Cal-GETC 1A requirements. Transferable to UC/CSU – speak with a counselor for transfer information.

[4] Satisfies local AA/AS and Cal-GETC 1B requirements. Transferable to UC/CSU – speak with a counselor for transfer information.

Skill Builder Courses

These are open-access courses that offer fine-tuning of writing and reading skills. Students can enroll in any open sections of these courses. These courses are non-degree applicable and non-transferable.

- **ENGWR 39: Basic Writing Skill Development**
- **ENGWR 46: Individualized Writing Skills**
- **ENGWR 47: Individualized Spelling Skills**
- **ENGWR 48: Individualized Vocabulary Skills**
- **ENGLB 71: Reading and Writing Across the Curriculum** *and* **ENGWR 110: College Reading and Writing Skills**

English as a Second Language

Overview

Folsom Lake College offers courses in English as a second language (ESL) designed to provide students with the command of the English language necessary to pursue both transfer level and career education courses. Students can enter with virtually no knowledge of English and progress to an extremely proficient level.

View the FLC ESL Sequence (https://flc.losrios.edu/2026-2027-official-catalog/programs-of-study/list-of-programs/flc/main/doc/support-services/Assessment-Orientation/ESL-tree-sequence.pdf) and ESL Placement (https://flc.losrios.edu/admissions/placement/esl-placement).

Division Dean: Francis Fletcher

Department Chair: Diana Tinoco

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

English as a Second Language (ESL) Courses

ESL 37 Novice-High Integrated Reading and Writing

Units: 6

Hours: 108 hours LEC

Prerequisite: ESLR 20 and ESLW 20 with grades of "C" or better, or placement through the assessment process.; ESLR 20 (Novice Reading) and ESLW 20 (Novice Writing) with grades of "C" or better, or equivalent skills demonstrated through the assessment process.

Corequisite: ESL 91

This course focuses on learning academic reading and writing skills at the novice-high level, with an emphasis on vocabulary, reading comprehension, and the writing process. Students will develop simple and compound sentence control and will practice writing paragraphs with a clear beginning, middle, and end. This course is part of the reading and writing sequence which prepares ESL students to take college courses leading to a certificate, degree, and/or transfer.

ESL 47 Intermediate-Low Integrated Reading and Writing

Units: 6

Hours: 108 hours LEC

Prerequisite: ELS 37 with a grade of "C" or better or placement through the assessment process.

Corequisite: ESL 92

Advisory: ESLG 41 and ESLL 41

ESL 47 is an integrated reading and writing course for English language learners at the intermediate level. In preparation for academic writing, students build skills in pre-writing, learn to write strong paragraphs, and practice the basics of essay structure. Students also build academic reading skills and vocabulary. With the information gathered through readings, students begin to use academic content to supplement their ideas in writing. This course is part of the reading and writing sequence, which prepares ESL students to take college courses leading to a certificate, degree, and/or transfer.

ESL 55 Intermediate-Mid Integrated Reading and Writing

Units: 6

Hours: 108 hours LEC

Prerequisite: ESL 47 with a grade of "C" or better; ESL 47 (Intermediate-Low Integrated Reading and Writing) with a grade of "C" or better, or placement through the assessment process.

Corequisite: ESL 92

Advisory: ESLG 51 and ESLL 51

ESL 55 is an integrated reading and writing course for English language learners at the intermediate-mid level. Emphasis is on vocabulary expansion, literal comprehension, inference, and academic writing skills in multi-paragraph essays. Reading and writing topics are integrated; students will practice critical thinking skills to understand, analyze, discuss, and write academic compositions based on ideas expressed in readings. This course is part of the reading and writing sequence, which prepares ESL students to take college courses leading to a certificate, degree, and/or transfer.

ESL 90 Language Skills Laboratory

Units: 0.5

Hours: 27 hours LAB

Prerequisite: None.

This is a laboratory course designed to enable students to focus on specific English language skills through interaction with tutors, faculty, and computer software programs. This class is recommended for ESL students at any level who need further, focused attention to very specific skills including, but not limited to pronunciation, grammar, vocabulary development and spelling. Students may enter the course at any time during the first 9 weeks of the semester. This course is graded on a pass/no pass basis.

ESL 91 Beginning Independent Lab

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Corequisite: ESL 37; Concurrent enrollment in ESL 37 (Novice-High Integrated Reading and Writing)

This course provides individualized, self-paced, and/or small group instruction to non-native English speakers at the beginning levels. A variety of self-study materials are available on topics such as grammar, composition, reading, vocabulary, listening, pronunciation, study skills, and workplace skills to develop and reinforce the use of the English language. Students may register until the end of the ninth week of the semester if space allows. This course is graded on a pass/no pass basis and is not a substitute for other ESL courses. Students must complete 27 hours of work to earn 0.5 unit of credit. This course may be taken for up to 4 units total, at a rate of .5 or 1.0 unit per semester, until the 4-unit limit is reached. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.

ESL 92 ESL Center: Intermediate Independent Lab

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Corequisite: Concurrent enrollment in ESL 47 or 55.

This course provides individualized, self-paced, and/or small group instruction to non-native English speakers at the intermediate levels. A variety of self-study materials are available on topics such as grammar, composition, reading, vocabulary, listening, pronunciation, study skills, and workplace skills to develop and reinforce the use of the English language. Students may register until the end of the ninth week of the semester if space allows. This course is graded on a pass/no pass basis and is not a substitute for other ESL courses. Students must complete 27 hours of work to earn 0.5 units of credit. This course may be taken for up to 4 units total, at a rate of .5 or 1.0 unit per semester, until the 4-unit limit is reached. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.

ESL 299 Experimental Offering in English as a Second Language

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

ESL 315 Intermediate-High Integrated Reading and Writing

Units: 6

Hours: 108 hours LEC

Prerequisite: ESL 55 (Intermediate-Mid Integrated Reading and Writing) with a grade of "C" or better, or placement through the assessment process.

Advisory: ESLG 310 and ESLL 310

Transferable: CSU; UC

This integrated-skills course focuses on strengthening academic reading and writing skills at the intermediate-high level. The emphasis is on vocabulary expansion, comprehension, inference and analysis, and

developing the ability to respond to readings through a variety of essay assignments. Students will use critical thinking skills to understand, paraphrase, summarize, and respond orally or online and in writing to ideas expressed in fiction and non-fiction readings. They will refine their ability to control a range of grammatical structures. Students will be assigned a minimum of 4,000 words including essays and a final exam. This course is part of the reading-writing sequence which prepares ESL students to take college courses leading to a certificate, degree, and/or transfer.

ESL 325 Advanced-Low Integrated Reading and Writing

Units: 6

Hours: 108 hours LEC

Prerequisite: ESL 315 (Intermediate-High Integrated Reading and Writing) with a grade of "C" or better, or placement through the assessment process.

Advisory: Concurrent enrollment in ESLG 320.

Transferable: CSU; UC

This course prepares students for ENGL C1000 and college writing in general. It focuses on college reading strategies and academic writing skills with an emphasis on reading analysis, academic vocabulary, reading-based writing. Students write a minimum of 6,000 words, including in-class essays and a final exam.

English as a Second Language - Grammar (ESLG) Courses

ESLG 31 Basic English Grammar

Units: 3

Hours: 54 hours LEC

Prerequisite: ESLW 20 with a grade of "C" or better, or placement through the assessment process.

This course provides English language learners with an introduction to the basics of English grammar including parts of speech, word form, word order, and the fundamental verb tenses necessary for writing. The course is designed to provide English language learners with a fundamental understanding of English grammar and is part of the grammar sequence which prepares ESL students to take college courses leading to a certificate, degree and/or transfer.

ESLG 41 Elements of English Sentences

Units: 3

Hours: 54 hours LEC

Prerequisite: ESLG 31 with a grade of "C" or better, or placement through the assessment process.

This course focuses on grammar skills at the intermediate-low level. The emphasis is on fundamental grammatical structures in statements and questions and a review of the basic English sentences including parts of speech, word order, word forms, and the simple and progressive verb tenses. This course is part of the grammar sequence which prepares ESL students to take college courses leading to a certificate, degree, or transfer.

ESLG 51 Grammar for Intermediate ESL Writers

Units: 3

Hours: 54 hours LEC

Prerequisite: ESLG 41 with a grade of "C" or better, or equivalent skills demonstrated through the assessment process.

This is a course for non-native speakers at the intermediate-mid level, which focuses on the fundamental grammatical structures of English. This course reviews the form and use of the simple and continuous tenses in the present, past and future as well as the present perfect, past perfect, and present perfect continuous. It also provides instruction in other intermediate-level grammar topics such as gerunds and infinitives, articles, and nouns. It is intended for students who need additional grammar instruction to support their development as writers in English.

ESLG 299 Experimental Offering in English as a Second Language - Grammar

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

ESLG 310 Intermediate-High Grammar

Units: 3

Hours: 54 hours LEC

Prerequisite: ESLG 51 with a grade of "C" or better; ESLG 51 (Grammar for Intermediate ESL Writers) with a grade of "C" or better, or placement through the assessment process.

Advisory: ESL 315 and ESLL 310

Transferable: CSU

This is a course for non-native speakers of English, which focuses on further practice of the forms, meanings, and usage of grammatical structures of English at the intermediate-high level. Students will develop skill and accuracy in using grammatical structures of English. There will be opportunities for oral and written practice with an emphasis on sentence structure, verb tenses, and dependent clauses.

ESLG 320 Advanced-Low Grammar

Units: 3

Hours: 54 hours LEC

Prerequisite: ESLG 310 with a grade of "C" or better; ESLG 310 (Grammar for Intermediate-High ESL Writers) with a grade of "C" or better, or placement through the assessment process.

Advisory: ESL 325

Transferable: CSU

This course focuses on the forms and meanings of major structures used in writing at the advanced-low level with an emphasis on clause structure. Oral practice reinforces the structures studied. Students practice writing extensively, both in and out of class. Assignments emphasize sentence structure in the context of longer written work.

English as a Second Language - Listening (ESLL) Courses

ESLL 20 Novice Listening and Speaking

Units: 4

Hours: 72 hours LEC

Prerequisite: None.

Corequisite: ESL 91

Advisory: ESLR 20 and ESLW 20; one year of adult school and concurrent enrollment in ESL Reading and Writing courses at the student's assessed levels are highly recommended.

This is a course in listening comprehension and basic conversation for non-native English speakers at the novice level. Students will develop the skills required for basic communication, such as dates, time, weather, food, family etc. Students will learn the sounds of English and be introduced to the stress and intonation patterns of American English. Communication will be comprehensible to a sensitive listener accustomed to interacting with non-native speakers.

ESLL 31 Listening and Speaking for College Readiness

Units: 3

Hours: 54 hours LEC

Prerequisite: ESLL 20 with a grade of "C" or better, or placement through the assessment process.

English language learners at the novice-high level develop the listening and speaking strategies necessary for college and workforce readiness. Basic listening strategies include listening for main ideas and supporting details in a variety of situations. Basic speaking strategies include the utilization of appropriate level vocabulary and continued development of the production of English sounds, stress patterns, and intonation patterns. Students will also develop effective small group and class discussion strategies. This course is part of the ESL listening and speaking sequence, which is designed to prepare English language learners to take college courses leading to a certificate, degree, and/or transfer.

ESLL 41 Listening, Speaking and Presentation Skills for College

Units: 3

Hours: 54 hours LEC

Prerequisite: ESLL 30 or ESLL 31 with a grade of "C" or better; or for students not previously enrolled in ESL courses within the Los Rios district, placement through the Los Rios assessment process.

ESLL 41 is part of the ESL listening sequence at the intermediate-low level and is designed to prepare English language learners to take college courses leading to a certificate, degree, and/or transfer. This course includes group and individual activities. Students improve their listening skills by learning to take notes while watching short lectures and develop their speaking skills through class discussions and short presentations. Students also practice the stress, rhythm, and intonation patterns of standard American English.

ESLL 51 Academic Communication, Notetaking, and College Success Skills

Units: 3

Hours: 54 hours LEC

Prerequisite: ESLL 41 with a grade of "C" or better, or placement through the assessment process.

Advisory: ESL 55 and ESLG 51

This is an intermediate mid-level course in listening comprehension and speaking strategies, intended for non-native speakers of English. Students will be introduced to academic listening and speaking activities, including note-taking and will continue to work on improving their pronunciation and communication skills.

ESLL 299 Experimental Offering in English as a Second Language - Listening

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

ESLL 310 Intermediate-High Listening and Speaking

Units: 3

Hours: 54 hours LEC

Prerequisite: ESLL 51 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Advisory: Concurrent enrollment in an ESL Reading and Writing course at the student's assessed level.

Transferable: CSU

This is a course for non-native English speakers at the intermediate-high level designed to further practice and develop listening and speaking for academic purposes, including comprehension of lectures, note-taking, and classroom discussion. This course covers a review of American English sounds with emphasis on understanding and producing stress, rhythm, and intonation patterns to communicate effectively.

English as a Second Language - Pronunciation (ESLP) Courses

ESLP 85 Pronunciation

Units: 2

Hours: 36 hours LEC

Prerequisite: ESLL 41 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

This elective course is designed for non-native English speakers who need to improve their pronunciation skills. It offers intensive practice in the articulation and recognition of American English sounds. Students will be introduced to intonation patterns, syllables and stress, and sentence rhythm of American English. Students will gain confidence and demonstrate fluency in their oral speech.

English as a Second Language - Reading (ESLR) Courses

ESLR 20 Novice Reading

Units: 4

Hours: 72 hours LEC

Prerequisite: None.

Corequisite: ESL 91

Advisory: ESLL 20 and ESLW 20; Students are advised to enroll in adult school and complete 1 year of classes before taking ESLR 20.

This is a reading course for non-native English speakers at the novice level. It introduces students to reading words, phrases and short sentences in passages. Students will learn word forms, spelling rules, phonetics and basic grammar in the context of reading passages. They will work on vocabulary building, basic comprehension skills and reading speed.

ESLR 499 Experimental Offering in English as a Second Language - Reading

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

English as a Second Language - Writing (ESLW) Courses

ESLW 20 Novice Writing

Units: 4

Hours: 72 hours LEC

Prerequisite: None.

Corequisite: ESL 91

Advisory: ESLL 20 and ESLR 20; one year of adult school and concurrent enrollment in ESL Reading and Listening/Speaking courses at the student's assessed levels are highly recommended.

ESLW 20 is a writing course for non-native English speakers at the novice level. This course is an introduction to writing in English. Students write about familiar topics focusing on the structure of English sentences including parts of speech and word order. Emphasis is on the production of clear, basic written sentences using common everyday vocabulary. Question formation is also demonstrated and practiced. By the end of the semester, students will be able to write simple sentences using correct grammar.

ESLW 340 Advanced Composition

Units: 4

Hours: 72 hours LEC

Prerequisite: ESL 325 with a grade of "C" or better, or placement through the assessment process.

Transferable: CSU; UC

General Education: Local GE L1A; Cal-GETC Area 1A

C-ID: C-ID ENGL 100

This college composition course emphasizes writing, reading, critical thinking skills and research skills essential for completion of a college degree. It focuses on the needs of multilingual writers by addressing specific language and cultural content required for academic success at the college level. Writing assignments include expository and argumentative essays (5,000 words minimum in total) using MLA documentation and format. Writing assignments are based on reading of transfer-level texts that include diverse perspectives.

ESLW 499 Experimental Offering in English as a Second Language - Writing

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

English as a Second Language (ESL) Course Sequence

Proficiency Level	Listening and Speaking Courses (3 Units)	Integrated Reading and Writing Courses (4 to 6 Units)	Grammar Courses (3 Units)	Skills Lab Courses (.5 to 4 Units)	Pronunciation Courses (2 Units)
Advanced	N/A	ESLW 340[1]	N/A	N/A	N/A
Advanced-Low	N/A	ESL 325[1]	ESLG 320[1]	N/A	N/A
Intermediate-High	ESLL 310[1]	ESL 315[1]	ESLG 310[1]	N/A	N/A
Intermediate-Mid	ESLL 51[2]	ESL 55[2]	ESLG 51[2]	ESL 92[2]	N/A
Intermediate-Low	ESLL 41[2]	ESL 47[2]	ESLG 41[2]	ESL 92[2]	ESLP 85[2]
Novice-High	ESLL 31[2]	ESL 37[2]	ESLG 31[2]	ESL 91[2]	N/A

Skill Builder Courses

Students can enroll in any open sections of these courses.

- ESL 90: Language Skills Laboratory[2]

[1] AA/AS applicable and transferable to CSU. Speak with a counselor for transfer information.

[2] Non-degree applicable and non-transferable.

Environmental Technology

Overview

Folsom Lake College offers courses and/or programs in environmental technology (ENVT) in two areas:

Environmental Technology

Folsom Lake College offers courses to provide foundational content to students interested in environmental protection, sustainability, regulatory compliance, and workplace safety and health applications. Students pursuing study in environmental technology, environmental studies, sustainability, natural resources, and related fields may continue their studies at other two- or four-year institutions. Students completing degrees in these and related disciplines may be employed by businesses and governmental agencies that require a knowledge of techniques for storage, treatment, transport, and disposal of hazardous materials; a basic understanding of the chemical and biological phenomena which underlie environmental protection; and an understanding of environmental health and safety. Technicians may be employed in remediation, monitoring, compliance, or environmental information applications.

Water/Wastewater Management

Folsom Lake College offers courses to prepare students in competency areas to enter the field or to enhance existing abilities of individuals already employed in the field seeking to advance in Certified Operator Grade Level. Students may seek employment by private and municipal wastewater treatment facilities or industrial treatment plants. Careers in water/wastewater technology generally involve the administration, operation, troubleshooting, and maintenance of water/wastewater treatment facilities as well as sewer collection systems. Significant opportunities also exist in raw water distribution, recycled water production, desalination, advanced treatment of wastewater for indirect and direct potable use, water storage and distribution, water conservation, and enhancing the energy efficiency of wastewater treatment facilities.

Certificates Offered

Water/Wastewater Management Certificate

Division Dean: Dr. Lorena Navarro

Department Chair: Jason Pittman

Phone: (916) 608-6615

Email: navarrl@flc.losrios.edu

Certificate of Achievement

Water/Wastewater Management Certificate

This program is designed to meet competency areas for students interested in entering the field of Water and Wastewater Management, and to enhance the knowledge and abilities of an individual already employed in the field.

Certificate Requirements

Course Code	Course Title	Units
BUSTEC 305	Introduction to Business Information Technology	3
ENVT 351	Math for Water and Wastewater Operators	3
ENVT 353	Science for Water and Wastewater Operators	4
ENVT 354	Waste Water Management: Basic Instrumentation and Electrical Controls	4
ENVT 355	Introduction to Water, Wastewater and Recycled Water Management	3
ENVT 380	Water and Wastewater Treatment Plant Operations I	3
ENVT 381	Water and Wastewater Treatment Plant Operations II	3
ENVT 382	Water and Wastewater System Regulations and Management	3
ENVT 383	Water Distribution and Wastewater Collection Systems	3
Total Units:		**29**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- review the history and importance of community water and wastewater systems, their social benefits, common operational challenges, and how they support and promote the welfare of all modern societies.
- evaluate water and wastewater system regulations (federal and state), water pollution control and safe drinking water laws, environmental economics that influence pollution control strategies, the importance of environmental stewardship, application of scientific concepts in water/wastewater management, and other factors that influence programs that protect public health and the environment.
- examine common water and wastewater treatment processes and principles, including fundamental physical, chemical, and biologic treatment processes common in the proper operation of water and wastewater facilities.
- evaluate hydraulic and fluid dynamic principles of water, and application of these principles to wastewater collection and water distribution systems.
- use, define, and apply industry terminology, nomenclature, and common water and wastewater treatment technical terms to classify, compare, and differentiate water and wastewater processes.
- formulate mathematical models and equations to analyze, plan, evaluate, manage, troubleshoot, correct, and predict water and wastewater system processes.
- assess professional and ethical responsibilities of a water/wastewater treatment practitioner as it relates to the principle objectives of public and environmental health.
- explain occupational health and safety protocols to address risks encountered in water/wastewater treatment, wastewater collection, water distribution, and water recycling operations.
- apply personal safety practices which demonstrate an understanding of personal safety practices in the water, wastewater and recycled water industries.
- seek employment in the water and wastewater industries in the region.

Career Information

Students with certificates in Water/Wastewater Management are prepared to acquire professional licenses as required for employment in the field, and perform the duties of water and wastewater operators. Career opportunities are numerous, in both private and public agency settings, as most all communities have water and wastewater facilities that require individuals with specialized training to oversee their operations and management.

Environmental Technology (ENVT) Courses

ENVT 351 Math for Water and Wastewater Operators

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENVT 355

Transferable: CSU

This course provides an introduction to quantitative analysis of wastewater and water processes. Topics covered include general math, including significant figures and proper rounding, applicable algebraic and geometry equations, unit analysis, volumes, flows, pressures, conversions, solution strengths, and applicable laboratory and chemistry equations used in water and wastewater treatment operations.

ENVT 353 Science for Water and Wastewater Operators

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: ENVT 351 with a grade of "C" or better

Advisory: ENVT 355

Transferable: CSU

This course will cover three topic areas, Biology, Chemistry, and Physics as they apply to operation, maintenance, and management of water and wastewater facilities. The course is intended to provide the student with a fundamental understanding of the sciences underlying studies of water and wastewater conveyance and treatment. Field trips may be required.

ENVT 354 Waste Water Management: Basic Instrumentation and Electrical Controls

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Corequisite: ENVT 351

Transferable: CSU

This course is an introduction to power and electrical circuits, induction motors, electromagnetic concepts, and various devices used to control and measure flow, pressure, depth, chemical feed, and other operating parameters associated with water and wastewater distribution and treatment systems. Field trips may be required.

ENVT 355 Introduction to Water, Wastewater and Recycled Water Management

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This course provides an introduction to water, wastewater and recycled water management. Topics covered include management of public and private utilities, the history of water supply, water and treatment and distribution, wastewater collection and treatment, and recycling water in the world and in the United States; water rights in California, environmental economics related to pollution, and an overview of the State and federal regulations governing water supply, wastewater treatment and recycled water use, including permitting requirements and operator certification program. Field trips will be required.

ENVT 380 Water and Wastewater Treatment Plant Operations I

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Corequisite: ENVT 351

Advisory: ENVT 355

Transferable: CSU

This course provides the knowledge in water and wastewater treatment plant operations and maintenance to prepare the student for their T-1 certification. Topics covered include responsibilities of the plant operator, preliminary treatment systems including racks, screens, grit removal, comminutors, sedimentation, clarification, flotation, biological treatment processes, activated sludge, chemical treatment processes, filtration, disinfection and chlorination. No cost field trips and/or a semester project may be required.

ENVT 381 Water and Wastewater Treatment Plant Operations II

Units: 3

Hours: 54 hours LEC

Prerequisite: ENVT 380 with a grade of "C" or better

Corequisite: ENVT 353

Transferable: CSU

This course provides an advanced level of understanding of treatment operations and maintenance. Topics covered include industrial wastes, activated sludge, sludge digestion, membrane treatment systems, ion exchange treatment systems, activated carbon treatment systems, solids and backwash water handling, microbial identification and life-cycles, effluent disposal, plant safety and good housekeeping, maintenance, basic laboratory procedures. No cost field trips may be required.

ENVT 382 Water and Wastewater System Regulations and Management

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENVT 355

Transferable: CSU

This course provides an understanding of existing and emerging concerns in the water and wastewater fields, including conservation, recycled water, groundwater basin management, source water protection, energy and water, asset management and mapping programs, and challenges on the horizon, such as emerging contaminants, regulations, and impacts of climate change.

ENVT 383 Water Distribution and Wastewater Collection Systems

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Corequisite: ENVT 351

Advisory: ENVT 355

Transferable: CSU

This course provides an understanding of water distribution and wastewater collection systems operation and maintenance. Topics covered include: design criteria, storage, pumping, construction methods, system testing, control of water quality in a water distribution system, federal and state regulations pertaining to potable and non-potable supplies, maintenance and administration of a distribution and collection system. This course prepares students for state distribution and CWA collection operator exams. Field trips may be required.

ENVT 495 Independent Studies in Environmental Technology

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

ENVT 498 Work Experience in Environmental Technology

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

ENVT 499 Experimental Offering in Environmental Technology

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Ethnic Studies

Overview

Ethnic Studies is an interdisciplinary and diverse field that gives voice to historically marginalized peoples and their perspectives by challenging systems of injustice and valuing diversity. This program seeks to educate students on progressive social change, reflect on the dynamics of power and knowledge, and promote multiple approaches to social justice issues while encouraging students to be informed and active citizens. Ethnic Studies allows students a particular focus on marginalized and disadvantaged populations while also de-centering the dominant cultural, political, and social ideals that have shaped western societies.

Division Dean: Dr. Rose Giordano

Department Chair: Dr. Tamara Cheshire

Phone: (916) 361-6330

Email: giordar@flc.losrios.edu

Ethnic Studies (ETHNS) Courses

ETHNS 299 Experimental Offering in Ethnic Studies

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

ETHNS 300 Introduction to Ethnic Studies

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L4; Local GE L6; Cal-GETC Area 4; Cal-GETC Area 6

This course introduces students to Ethnic Studies and the diverse institutional, cultural, and historical issues relating to the past and present life circumstances and intersectional identities of the four core Ethnic populations of Asian Americans, Chicanx/Latinx Americans, African Americans, and Native/Indigenous Americans within the United States.

ETHNS 320 Introduction to African American Studies

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L4; Local GE L6; Cal-GETC Area 4; Cal-GETC Area 6

This course introduces students to Ethnic Studies and the diverse institutional, cultural, and historical issues relating to the past and present life circumstances of African Americans within the United States. This course is interdisciplinary in nature and presents an overview of the cultural, economic, historic, social, and political issues in the life of African Americans in the United States. It will expose students of all ethnic backgrounds to the issues germane to the experience of African Americans in the United States.

ETHNS 321 African American Policy and Law

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L4; Local GE L6; Cal-GETC Area 4

This course is a survey of African diasporan experiences in the United States since Reconstruction to the present, emphasizing the centrality of African American experiences and contributions. Course content illuminates the socio-political and economic underpinnings and outcomes behind landmark legislations and pivotal policy shifts that have impacted African Americans. Through comprehensive analyses of legal documents, court cases, scholarly articles, and firsthand accounts, students will gain insights into the complex interplay between law, power, race, and resistance. From the era of Reconstruction and the establishment of Jim Crow laws, through the Civil Rights Movement, and up to the current impact of political and legislative challenges and reforms, students will journey through the evolving landscape of African American legal history.

ETHNS 330 Introduction to Asian American Studies

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L4; Local GE L6; Cal-GETC Area 4; Cal-GETC Area 6

This course introduces students to Ethnic Studies and the diverse institutional, cultural, and historical issues relating to the past and present life circumstances and intersectional identities of Asian Americans and Pacific Islanders.

ETHNS 331 Asian American Policy and Law

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L4; Local GE L6; Cal-GETC Area 4

Spanning from the earliest immigration acts of the late 19th century to contemporary policy debates, students will explore the intersections of legislation, race, and identity as they pertain to policies and laws that have historically and contemporarily impacted Asian American and Pacific Islander communities in the United States. Through an exploration of legal frameworks, court cases, and policy changes, students will gain an understanding of how these laws have shaped the experiences of Asian Americans. The course will also explore the responses and resistance strategies employed by Asian American communities in the face of discriminatory policies.

ETHNS 350 Introduction to Native American Studies

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L4; Local GE L6; Cal-GETC Area 4; Cal-GETC Area 6

This course introduces students to Ethnic Studies and the diverse institutional, cultural, and historical issues relating to the past and present life circumstances and intersectional identities of Native Americans/American Indians within the United States. This course is a survey of traditional cultures of Native Americans/American Indians focusing on the social, religious, economic, and artistic practices. The antiquity, distribution, and linguistic histories of Native American/ American Indian cultures are integrated with the contemporary status of Native peoples regarding social change and adaptation.

ETHNS 351 Native American Policy and Law

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L4; Local GE L6; Cal-GETC Area 4

This course is an in-depth study of Native American cultures and the impact of local, state and federal policies and laws pertaining to tribal sovereignty and self-governance. Students will be introduced to college-level concepts, foundations and theories within Ethnic Studies, more specifically Native American Studies to critically examine the effects of and resistance to colonization and cultural appropriation upon Native American cultures, traditions, and religions; and gain a practical understanding of the legal, political, and cultural challenges faced by Native American tribal nations in our own region and across the country. Students will explore the development of federal Indian law and policy from the colonial period to the present, including key legal doctrines, landmark
Supreme Court cases, and contemporary issues and policies affecting American Indian nations, communities' lands and futures.

ETHNS 360 Introduction to Chicana/o/x Studies

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L4; Local GE L6; Cal-GETC Area 4; Cal-GETC Area 6

This course introduces students to the diverse institutional, cultural, and historical issues relating to the past and present life circumstances and intersectional identities of Chicana/o/x Americans within the United States. Specifically, this course examines and redefines the lives of Chicana/o/x Americans through their own experiences from the inside looking out at the world.

ETHNS 361 Chicana/o/x Latina/o/x Policy and Law

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L4; Local GE L6; Cal-GETC Area 4

This course offers a comprehensive exploration of the myriad ways in which legislation and policies have influenced and shaped the experiences of these vibrant Chicana/o and Latina/o communities in the United States from 1848 to the present time. From the Treaty of Guadalupe Hidalgo, to the early days of the Bracero Program to the complexities of contemporary immigration debates, students will traverse through a historical timeline marked by both challenges and resilience. We will dissect pivotal moments, including the Chicano Movement, the evolution of labor rights, debates surrounding bilingual education, and the ongoing challenges surrounding immigration reform. Through a blend of academic readings, multimedia resources, firsthand narratives, and engaged class discussions, students will gain profound insights into the multi-faceted ways federal policies have affected the socio-political and economic landscapes of Chicano and Latino communities.

ETHNS 495 Independent Studies in Ethnic Studies

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

An independent studies project involves an individual student or a small group of students in study, research, or activities beyond the regularly offered ethnic studies courses. UC transfer credit will be awarded only after the course has been evaluated by the enrolling UC campus. The units completed for this course cannot be counted towards the minimum 60 units required for admissions.

ETHNS 499 Experimental Offering in Ethnic Studies

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

French

Overview

Folsom Lake College offers elementary and intermediate courses in French designed to provide students with the ability to understand basic conversations, to speak with reasonable fluency, and to write at their speaking level. It offers students the necessary skills to pursue advanced transfer level courses.

French, along with English, is the official working language of: the United Nations, UNESCO, NATO, OECD (Organization for Economic Cooperation and Development), the International Labor Bureau, the International Olympic Committee, the 31-member Council of Europe, the European Community, the Universal Postal Union, the International Red Cross, and the UIA (Union of International Associations). French is the dominant working language at: the European Court of Justice, the European Tribunal of First Instance, the Press Room at the European Commission, and CERN (European Centre for Nuclear Research). French is also the foreign language spoken by our largest trading partner, Canada.

Note: Native speakers who have high school-equivalent reading and writing skills in French should enroll in the FREN 411 level course (or above).

Division Dean: Francis Fletcher

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French (FREN) Courses

FREN 401 Elementary French

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3

This is the first semester introduction to the French language. It is designed for beginning students with little or no previous exposure to the language. It is characterized by the ability to understand and produce appropriate responses in high-frequency situations utilizing learned material. Speaking and writing will be comprehensible to a sympathetic listener used to communicating with non-native speakers. This course is equivalent to two years of high school French

FREN 402 Elementary French

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: FREN 401 (with a grade of 'C' or better) or two years of high school French (with a grade of 'C' or better).

Transferable: CSU; UC

General Education: Local GE L3

This is the second semester of elementary French. It provides refinement of skills introduced in FREN 401. It is characterized by increased grammatical accuracy and ability to understand and produce appropriate responses in high-frequency situations utilizing learned material. Speaking and writing will be comprehensible to a sympathetic listener used to communicating with non-native speakers.

FREN 411 Intermediate French

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: FREN 402 with a grade of "C" or better or three years of high school French with a "C" or better.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This is the first semester Intermediate French. It is designed for students who have completed French 402 or three years of high school French. It provides refinement of skills attained in French 402. Students will work toward the ability to create with the language without relying on learned responses, to understand main ideas in routine speech and to understand main ideas in written texts. Listening and reading comprehension will continue to develop; speaking and writing will be comprehensible to a somewhat sympathetic native speaker. Students will develop the ability to respond in an unrehearsed manner on concrete topics in known situations. Written expression will meet limited personal needs and culturally appropriate language at a higher level of accuracy than found in French 402. Students will analyze the complexity of the French speaking world through some of its social and political institutions, its different communication systems and media, and its artistic contribution to the world.

FREN 412 Intermediate French

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: FREN 411 with a grade of "C" or better; or four years of high school French with a grade of C or better.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This is the second semester of Intermediate French. It is designed for students who have completed French 411 or four years of high school French. It provides continued development of skills attained in French 411. Students will develop the ability to handle complex situations using past, present and future time frames. It will help develop the student's emerging ability to handle complicated situations, to discuss topics beyond immediate personal needs (e.g. current events, social, political, economical and environmental issues; history, traditions, and customs). This course will focus on development of written narratives and expository prose along with increased awareness of cultural concerns, norms, values, and cultural-specific customs and events, with emphasis placed on culturally-authentic readings and writing through the introduction and application of basic literary analysis. Students will expand their knowledge and appreciation of geography, culture and values of the French-speaking world and its contribution to the world.

FREN 495 Independent Studies in French

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

FREN 499 Experimental Offering in French

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

General Education

Overview

FLC offers a Cal-GETC certificate designed for students planning to transfer to either a California State University (CSU) or a University of California (UC) campus. Completion of this certificate ensures that a student has met the lower division General Education requirements for all CSU and UC campuses.

Certificates Offered

California General Education Transfer Curriculum (Cal-GETC) Certificate

Division Dean: Carlos Lopez

Phone: (916) 608-6849

Email: lopezc@flc.losrios.edu

Certificate of Achievement

California General Education Transfer Curriculum (Cal-GETC) Certificate

This Certificate of Achievement is designed for students planning to transfer to either a California State University (CSU) or a University of California (UC) campus. Completion of this certificate ensures that a student has met the lower division General Education requirements to a CSU and UC campus. Students are required to work with a counselor to submit appropriate paperwork for certification.

Certificate Requirements

Course Code	Course Title	Units
A minimum of 34 units from the following:		34
Students must complete a minimum of 34 units used to satisfy the Cal-GETC certification requirements. See the Cal-GETC pattern in the Folsom Lake College (FLC) catalog or consult with an FLC counselor.		
Total Units:		34

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- develop a reasoned solution to a problem.
- explain the values of a culture as expressed through its art or language.
- evaluate the methods of inquiry and evidence used in the behavioral and social sciences.
- evaluate new and accepted ideas about the natural universe using testable methodology.

General Science

Overview

Note: These experimental General Science (GENSCI) offerings are in addition to Folsom Lake College's robust science curriculum. For more information, see the following program pages: Biology (https://flc.losrios.edu/academics/programs-majors/biology), Chemistry (https://flc.losrios.edu/academics/programs-majors/chemistry), and Physics (https://flc.losrios.edu/academics/programs-majors/physics).

Division Dean: Dr. Lorena Navarro

Department Chair: Sherry Rogers

Phone: (916) 608-6615

Email: navarrl@flc.losrios.edu

General Science (GENSCI) Courses

GENSCI 299 Experimental Offering in General Science

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

GENSCI 499 Experimental Offering in General Science

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Geography

Overview

Geography is a spatial science that studies the Earth's physical features and its human elements. Geography students study the relationships among geographic places, natural systems, society, and culture. Modern geographers study the spatial connections between humans and natural systems and are active in the study of global warming, desertification, deforestation, groundwater pollution, flooding, and sustainability. Geography is increasingly utilizing spatial technologies, such as Geographic Information Systems (GIS), Global Positioning Systems (GPS), and remote sensing imagery, to study the Earth and its inhabitants.

There are three main branches of geography: human geography, physical geography and geographic information systems (GIS). Human geography is concerned with the spatial aspects of human existence observing how people and their activities are distributed, how cultures and populations interact, and how people create and sustain the places, the movement of people, and the interactions and influences between populations and cultures. Physical geographers study the physical elements and spatial processes that make up and shape the environment, including energy, air, water, weather, climate, landforms, soils, animals, and plants. GIS is an important emerging field that integrates the human and physical aspects of geography using computer mapping, spatial analysis, and remote sensing.

The Folsom Lake College geography courses satisfy lower division general education requirements in physical and social science degree programs. Students with the Associate in Arts in Geography for Transfer (AA-T Geography) will transfer with junior standing to the California State University system.

Degrees and Certificates Offered

A.A.-T. in Geography

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

Geographic Information Systems Certificate

Division Dean: Dr. Lorena Navarro

Department Chair: Jason Pittman

Phone: (916) 608-6615

Email: navarrl@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in Geography

Geography is a comprehensive discipline that seeks to understand the landscapes, features, occupants, and processes of the Earth. Geographers study the complex relationships among geographic places, natural systems, society, cultural activities, and the interdependence of all these over space and time. Geography is often seen as a bridge between human and physical sciences.

There are three main branches of geography: human geography physical geography and Geographic Information Systems(GIS. Human geography is concerned with the spatial aspects of human existence – how people and their activities are distributed in space, how people use and perceive space, and how people create and sustain the places that make up Earth's surface. Physical geographers study the physical elements and spatial processes that make up and shape the environment, including energy, air, water, weather, climate, landforms, soils, animals, and plants. All geographers employ skills in cartography and spatial analysis.

Geographers also study the linkages between human activity and natural systems. Geographers were, in fact, among the first scientists to sound the alarm that human-induced changes to the environment were beginning to threaten the balance of life itself. Geographers today are active in the study of global warming, desertification, deforestation, loss of biodiversity, groundwater pollution, flooding, and more.

The A.A. transfer degree in geography provides students with a solid foundation in geography as well as the standard prerequisites for upper division coursework leading to the baccalaureate degree. The required and elective coursework surveys a broad spectrum of physical geography, human geography, GIS, and related disciplines.

For students planning to transfer to a four-year school with a major in geography, it is critical that you meet with an FLC counselor to select and plan the courses for your major. Schools can vary widely in terms of the required lower division preparation.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) Cal-GETC the California General Education Transfer Curriculum (Cal-GETC) Requirement.
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs require that students must earn a "C" or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems	3
GEOG 301	Physical Geography Laboratory	1
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes	3
A minimum of 6 units from the following:		6
List A: Complete at least 6 units from the following:		
GEOG 306	Weather and Climate (3)	
GEOG 322	Geography of California (3)	
GEOG 331	Exploring Maps and Geographic Technologies (3)	
GEOG 390	Field Studies in Geography (1 - 4)	
A minimum of 6 units from the following:		6
List B: Complete a minimum of 6 units from the following, or any course not used from List A:		
ANTH 310	Cultural Anthropology (3)	
BIOL C1000	Introduction to Biology with Lab (4)	
BIOL 310	General Biology (4)	
GEOG 334	Introduction to GIS Software Applications (3)	
GEOL 300	Physical Geology (3)	
PHIL 320	Logic and Critical Reasoning (3)	
POLS 310	Introduction to International Relations (3)	
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
STAT C1000	Introduction to Statistics (4)	
Total Units:		19

The Associate in Arts in Geography for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- understand and describe the complexity of relationships between humans and their environment.
- demonstrate an awareness of the physical processes that shape the Earth.
- compare and contrast the general biophysical and sociocultural differences and similarities among world regions.
- recognize the utility of and demonstrate a proficiency with geospatial analysis techniques (GIS, cartography, spatial data collection and analysis, etc.) in solving contemporary geography problems.
- evaluate the role that collegiate geographic studies can play in preparing a student for contemporary career in the geosciences.

Associate Degrees

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies in Social and Behavioral Science degree provides an interdisciplinary approach to academic studies. The purpose of the program is for students to gain an understanding of the interconnectedness of various social and behavioral sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	

Course Code	Course Title	Units
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 300	Introduction to Business (3)	
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	
BUS 345	Law and Society (3)	
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
ECON 307	Global Issues in the Political Economy (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 321	African American Policy and Law (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 331	Asian American Policy and Law (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 351	Native American Policy and Law (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
ETHNS 361	Chicana/o/x Latina/o/x Policy and Law (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 314	Recent United States History (3)	
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
KINES 308	Women in Sport (3)	
KINES 416	Psychology of Sport (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 390	Psychology of Death and Dying (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 300	Introduction to Social Work & Human Services (3)	
SWHS 302	Introduction to Psychology of Human Relations (3)	
Total Units:		18

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

Certificate

Geographic Information Systems Certificate

A Geographic Information System (GIS) is an assemblage of computers, software, and workforce personnel collecting, managing, analyzing and displaying spatial data. GIS is used to make informed decisions regarding an array of disciplines including Marketing, Forestry, Hazard Analysis, Landuse Planning, Business, Watershed Management, and Anthropology. This interdisciplinary certificate provides the theoretical and technical skills necessary to begin using GIS in a wide variety of applications. Skills obtained include GIS software application, GPS use, spatial data analysis, data management, programming and cartography.

Certificate Requirements

Course Code	Course Title	Units
GEOG 331	Exploring Maps and Geographic Technologies (3)	3
GEOG 334	Introduction to GIS Software Applications	3
A minimum of 1 unit from the following:		1
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems (3)	
GEOG 301	Physical Geography Laboratory (1)	
GEOG 390	Field Studies in Geography (1 - 4)	
BUSTEC 309	Computer Familiarization (1)	
CISC 310	Introduction to Computer Information Science (3)	
CISP 360	Introduction to Structured Programming (4)	
CISP 370	Beginning Visual Basic (4)	
CISP 400	Object Oriented Programming with C++ (4)	
CISP 401	Object Oriented Programming with Java (4)	
CISP 407	Programming in Python (4)	
CISP 430	Data Structures (4)	
Total Units:		7

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate proficiency in the application of GIS software and related technologies.
- demonstrate proficiency in the collection, management, organization and manipulation of spatial data.
- adeptly employ the principles of cartography in a GIS environment.
- demonstrate proficiency in the application of spatial analysis skills.

Geography (GEOG) Courses

GEOG 300 Physical Geography: Exploring Earth's Environmental Systems

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A

C-ID: C-ID GEOG 110

This course investigates the interrelationships between Earth and humans, with an emphasis on natural systems (solar energy balance, weather and climate, water resources, landforms, natural hazards, vegetation, and soil). Relevant application of these elements to today's world is stressed to help students better understand Earth's physical environment as well as human-environment interaction. A field trip may be required to relate class discussions to the real world. Students are encouraged to take the lab course (GEOG 301) concurrently. Consult a counselor to determine whether enrollment in the lab course is necessary.

GEOG 301 Physical Geography Laboratory

Units: 1

Hours: 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

General Education: Cal-GETC Area 5C

C-ID: C-ID GEOG 111

This course provides "hands-on" study of the basic principles and concepts involved in understanding Earth's physical environment. Lab topics include observation, measurement and analysis of Earth's energy balance, weather and climate, vegetation, landforms, and natural

hazards, as well as topographic map reading, interpretation, and navigation skills. Field trips and spatial data collection activities may be required.

GEOG 306 Weather and Climate

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A

C-ID: C-ID GEOG 130

This course is an introduction to atmospheric processes including energy and moisture exchanges, atmospheric pressure, winds, and global circulation. Severe weather conditions such as hurricanes and tornadoes are also studied. World, regional, and local climates are investigated. Student work will include weather observations and analysis of atmospheric data using charts, weather maps and radar and satellite imagery from the Internet and other sources. Because this course involves the use of some quantitative concepts, students are encouraged to have fundamental algebraic skills prior to enrolling in the course. Students may be required to attend a field trip and purchase a calculator for this course

GEOG 310 Human Geography: Exploring Earth's Cultural Landscapes

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID GEOG 120

This course investigates the diverse patterns of human settlement, development, and movement on earth, which evolved as a result of cultural and environmental factors. Emphasis is placed on understanding global population and migration patterns, language, religion, ethnicity, political and economic systems, development issues, agriculture and urbanization.

GEOG 322 Geography of California

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID GEOG 140

This course is a study of the natural and cultural environments of California, with special emphasis on the interaction of people with landforms, climate, natural vegetation, soils and resources. Historical, political, and economic development within this diverse environment is presented. The diversity of cultures which make up the state's expanding population are studied and compared. Analysis of relevant issues of the day including those based on ethnic and cultural differences form an integral part of this course.

GEOG 331 Exploring Maps and Geographic Technologies

Units: 3

Hours: 50 hours LEC; 12 hours LAB

Prerequisite: None.

Advisory: GEOG 300

Transferable: CSU; UC

General Education: Local GE L5

C-ID: C-ID GEOG 150

This course introduces students to the exciting world of maps (both hard-copy and digital) and the geographic techniques and technologies that are utilized in the creation of modern cartographic documents. The examination of cartographic constructs, basic statistics, Global Positioning Systems (GPS), Internet mapping, remote sensing, the scientific method and Geographic Information Systems (GIS) will shed light on this interesting and rapidly changing area of spatial inquiry. A portable USB storage device may be required for this class. Short field activities may be required.

GEOG 334 Introduction to GIS Software Applications

Units: 3

Hours: 50 hours LEC; 12 hours LAB

Prerequisite: None.

Advisory: BUSTEC 309 or GEOG 331

Transferable: CSU

Geographic Information Systems (GIS) are computer-based mapping programs that analyze spatial data. This course provides the foundation for using desktop GIS software. A conceptual overview along with

hands-on experience will be used to explore basic GIS software functionality. Emphasis will be placed on display characteristics, attribute querying, database exploration and management, spatial analysis, data creation, and cartographic presentation. A portable USB storage device is required and should be provided by the student. Not open to students who have completed GEOG 332.2

GEOG 390 Field Studies in Geography

Units: 1 - 4

Hours: 3 - 24 hours LEC; 18 - 144 hours LAB

Prerequisite: None.

Advisory: GEOG 300

Transferable: CSU

C-ID: C-ID GEOG 160

This course covers the field study of geographic principles and processes of specific areas (mountains, deserts, seashore, etc.). Course content will vary by destination. Topics may include physical geography, human geography, and/or geographic techniques such as the application of tools and techniques used for geographic field research (e.g., map and compass use, the Global Positioning System (GPS), Geographic Information Systems (GIS), etc.). Field trip(s) are required. For specific details, see the course description listed in the schedule. Students will be responsible for providing their own lodging (or camping equipment) and meals. At a minimum it is recommended that students be prepared to spend a full day in the field. This may require a day-pack, water container(s), food, foul weather gear, field notebook, clipboard, whistle, and personal safety gear (warm clothing, medications, cell phone, GPS, sunscreen, sunglasses, hiking shoes, and a hat).

GEOG 495 Independent Studies in Geography

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

GEOG 498 Work Experience in Geography

Units: 0.5 - 4

Hours: 30 - 300 hours LEC

Prerequisite: None.

Advisory: ENGL 110 and ESL 325 with grades of "C" or better

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within the field of Geography. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the semester, the student is required to attend orientation. The student is required to complete 37.5 hours of related paid work experience, or 30 hours of related unpaid work experience for 0.5 unit. An additional 37.5 or 30 hours of related work experience is required for each additional 0.5 units. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

GEOG 499 Experimental Offering in Geography

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Geology

Overview

Folsom Lake College's Geology program is an interdisciplinary science that seeks to understand the physical processes of the earth. Students study rocks, minerals, and fossils in an effort to draw conclusions about the earth's observable surface processes as well as those processes taking place inside the earth. Students in geology classes learn to use principles from mathematics, chemistry, physics, and biology to determine how the earth was formed and how it is being changed by natural and man-made activities. Geology students will be well prepared to explore earthquakes, volcanoes, landslides, the earth's past climate, and other geologic resources.

Many of the Folsom Lake College geology courses satisfy lower division general education requirements for associate and bachelor degrees. Students with the Associate in Science in Geology for Transfer (AS-T Geology) will transfer with junior standing to the California State University system.

Degrees Offered

A.S.-T. in Geology

A.A. in Interdisciplinary Studies: Math and Science

Division Dean: Dr. Lorena Navarro

Department Chair: Jason Pittman

Phone: (916) 608-6615

Email: navarrl@flc.losrios.edu

Associate Degrees for Transfer

A.S.-T. in Geology

Geology is an interdisciplinary science that combines geological observations and concepts with those of biology, chemistry, physics, and mathematics. Its goals are to study rocks, minerals, fossils, energy and water resources, and to understand geologic principles and processes that shape Earth and its environments.

The Associate in Science in Geology for Transfer(AS-T) provides students with a major that fulfills the general requirements of the California State University for transfer. Students with this degree will receive priority admission with junior status to the California State University system.

This program has the following completion requirements:

(1) Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
(A) Cal-GETC Breadth Requirements.
(B) The required number of units in the major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0. Associate Degrees for Transfer also require that students must earn a C or better in all courses required for the major or area of emphasis. A â€œPâ€ (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

The GEOL AS-T degree does not require coursework in Physics but it is recommended that Geology students take physics coursework as they pursue their Geology degree.

Degree Requirements

Course Code	Course Title	Units
GEOL 310	Historical Geology	3
GEOL 311	Historical Geology Laboratory	1
CHEM 400	General Chemistry I	5
CHEM 401	General Chemistry II	5
MATH 400	Calculus I	5
MATH 401	Calculus II	5
[GEOL 300	Physical Geology (3)	4
and GEOL 301]	Physical Geology Laboratory (1)	
or GEOL 302	Physical Geology with Lab (4)	
Total Units:		**28**

The Associate in Science in Geology for Transfer (AS-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate new and accepted ideas about the natural universe using testable methodology.
- articulate orally and/or in writing the importance of continuous examination and modification of accepted ideas as a fundamental element in the progress of science.
- sort, arrange, and quantify objects using the international system of measurement (metric) as the standard.
- analyze a wide variety of natural phenomena geological using basic definitions and fundamental theories of natural science.
- compare the scales at which geologic processes work.
- apply knowledge of current geologic processes to the understanding of Earth's past geologic history.

Career Information

The Geology AS-T degree is designed to facilitate students' successful transfer to four-year institutions that prepare them for advanced study in a variety of graduate programs as well as a variety of career opportunities in the fields of environmental monitoring, protection and remediation, energy and mineral exploration, paleontology, vulcanology, seismology, climatology, teaching, and research.

Associate Degrees

A.A. in Interdisciplinary Studies: Math and Science

The Interdisciplinary Studies degree is designed for students who wish to obtain a broad knowledge of mathematics and the sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis in" Math and Science. These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of the world's civilizations. Possible majors at a four-year institution include, but are not limited to: mathematics, biology, chemistry, and physical science.

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
ANTH 300	Biological Anthropology (3)	
ANTH 301	Biological Anthropology Laboratory (1)	
ANTH 303	Introduction to Forensic Anthropology (3)	
ASTR C1001	Introduction to Astronomy (3)	
ASTR 310	The Solar System (3)	
ASTR 320	Stars, Galaxies, and Cosmology (3)	
ASTR C1001L	Introduction to Astronomy Lab (1)	
BIOL 300	The Foundations of Biology (3)	
BIOL C1000	Introduction to Biology with Lab (4)	
BIOL 310	General Biology (4)	
BIOL 323	Plants and People (4)	
BIOL 342	The New Plagues: New and Ancient Infectious Diseases Threatening World Health (3)	
BIOL 350	Environmental Biology (3)	
BIOL 370	Marine Biology (4)	
BIOL 400	Principles of Biology (5)	
BIOL 410	Principles of Botany (5)	
or BIOL 411	Plant Science (4)	
BIOL 420	Principles of Zoology (5)	
BIOL 430	Anatomy and Physiology (5)	
BIOL 431	Anatomy and Physiology (5)	
BIOL 440	General Microbiology (4)	
BIOL 442	General Microbiology and Public Health (5)	
CHEM 300	Beginning Chemistry (4)	
CHEM 305	Introduction to Chemistry (5)	
CHEM 337	Brewing and Beer Chemistry (4)	
CHEM 339	Introduction to Fermentation Chemistry (4)	
CHEM 400	General Chemistry I (5)	
CHEM 401	General Chemistry II (5)	
CHEM 410	Quantitative Analysis (5)	
CHEM 420	Organic Chemistry I (5)	
CHEM 421	Organic Chemistry II (5)	
CISC 311	Survey of Modern Computer Languages (3)	
CISD 351	Data Science Foundations (4)	
CISP 300	Algorithm Design/Problem Solving (3)	
CISP 360	Introduction to Structured Programming (4)	
CISP 400	Object Oriented Programming with C++ (4)	
CISP 401	Object Oriented Programming with Java (4)	
CISP 408	Programming R for Data Analysis and Machine Learning (3)	
CISP 440	Discrete Structures for Computer Science (3)	
ECON 310	Statistics for Business and Economics (3)	
ENGR 420	Statics (3)	
FT 304	Fire Behavior and Combustion (3)	
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems (3)	
GEOG 301	Physical Geography Laboratory (1)	
GEOG 306	Weather and Climate (3)	
GEOG 331	Exploring Maps and Geographic Technologies (3)	
GEOL 300	Physical Geology (3)	

Course Code	Course Title	Units
GEOL 301	Physical Geology Laboratory (1)	
GEOL 302	Physical Geology with Lab (4)	
GEOL 305	Earth Science (3)	
GEOL 306	Earth Science Laboratory (1)	
GEOL 310	Historical Geology (3)	
GEOL 311	Historical Geology Laboratory (1)	
GEOL 330	Introduction to Oceanography (3)	
GEOL 345	Geology of California (3)	
MATH 300	Introduction to Mathematical Ideas (3)	
MATH 310	Mathematical Discovery (3)	
MATH 333	College Algebra for Liberal Arts (3)	
MATH 341	Calculus for Business and Economics (4)	
MATH 343	Modern Business Mathematics (4)	
MATH 355	Calculus for Biology and Medicine I (4)	
MATH 356	Calculus for Biology and Medicine II (4)	
MATH 372	College Algebra for Calculus (4)	
or MATH 375	Pre-Calculus (6)	
MATH 373	Trigonometry for Calculus (4)	
MATH 385	Calculus Preparation for STEM (4)	
MATH 400	Calculus I (5)	
MATH 401	Calculus II (5)	
MATH 402	Calculus III (5)	
MATH 410	Introduction to Linear Algebra (3)	
MATH 420	Differential Equations (4)	
NUTRI 300	Nutrition (3)	
NUTRI 302	Nutrition for Physical Performance (3)	
NUTRI 340	Nutrition and Metabolism (3)	
PHYS 310	Conceptual Physics (3)	
PHYS 311	Basic Physics (3)	
PHYS 350	General Physics (4)	
PHYS 360	General Physics (4)	
PHYS 411	Mechanics of Solids and Fluids (4)	
PHYS 421	Electricity and Magnetism (4)	
PHYS 431	Heat, Waves, Light and Modern Physics (4)	
PS 302	Introduction to Physical Science (4)	
PSYC 312	Biological Psychology (4)	
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
STAT C1000	Introduction to Statistics (4)	
Total Units:		**18**

The Interdisciplinary Studies: Math and Science Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- reason quantitatively and empirically (Math and Science).

Geology (GEOL) Courses

GEOL 299 Experimental Offering in Geology

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

GEOL 300 Physical Geology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: Concurrent enrollment in GEOL 301 is recommended. Students enrolled in GEOL 300 experience higher rates of success when concurrently enrolled in GEOL 301.

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A

C-ID: C-ID GEOL 100

Physical geology is an introduction to the composition and dynamics of the Earth from the atomic scale of minerals to the global scale of plate tectonics. Topics include the composition of minerals and rock, volcanism, earth structures, earthquakes, erosion and surface processes, geologic time, geologic hazards, and plate tectonics. In this course, attention will focus on the rocks, landscapes, and scenic areas of the American West. Emphasis is placed on how humans affect the

environment. Successful completion of physical geology prepares the student to recognize, understand, and appreciate processes which continually change our Earth.

GEOL 301 Physical Geology Laboratory

Units: 1

Hours: 54 hours LAB

Prerequisite: None.

Corequisite: GEOL 300; (or may be taken previously)

Transferable: CSU; UC

General Education: Cal-GETC Area 5C

C-ID: C-ID GEOL 100L

This course provides laboratory experience with the tools and skills discussed in Physical Geology (GEOL 300). Lab topics include; mineral and rock identification, map and air photograph interpretation, landform identification, and the study and interpretation of geologic maps and cross-sections. A calculator, ruler, protractor, and GEOL 300 textbook may be required.

GEOL 302 Physical Geology with Lab

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

C-ID: C-ID GEOL 101

An introduction to the principles of geology with emphasis on Earth processes. This course focuses on the internal structure and origin of the Earth and the processes that change and shape it. The laboratory component focuses on the identification of rocks and minerals, topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity and effects of tectonic activity.

Field trips may be required.

This course is not open to students who have completed Geology 300 or Geology 301.

GEOL 305 Earth Science

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: No credit for GEOL 305 or 306 if taken after GEOL 300, 301, 310 or 311)

General Education: Local GE L5; Cal-GETC Area 5A

C-ID: C-ID GEOL 120

This course is an introductory course covering major topics in geology, oceanography, meteorology, astronomy, scientific method, and philosophy of science. This course is designed for non-science majors.

GEOL 306 Earth Science Laboratory

Units: 1

Hours: 54 hours LAB

Prerequisite: None.

Corequisite: GEOL 305; (or may be taken previously)

Transferable: CSU; UC (UC credit limitation: No credit for GEOL 305 or 306 if taken after GEOL 300, 301, 310 or 311)

General Education: Cal-GETC Area 5C

This course emphasizes the scientific methods and systematic laboratory procedures of Earth sciences. Topics include weather analysis, rock and mineral identification, study of geologic concepts by means of topographic maps, astronomical observation and ocean dynamics. A field trip or an appropriate alternative activity will be required as an introduction to geological environments and field methods in geology.

GEOL 310 Historical Geology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: GEOL 300 or 305 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A

C-ID: C-ID GEOL 110

This course covers the origin and geologic history of the Earth and the evolution of its plant and animal inhabitants. Plate tectonic theory is used to explain changes in composition and structure of rocks of the Earth's crust from the formation of the Earth to the present. Emphasis is placed on the formation of sedimentary rocks and how the Earth's environment and processes changes are recorded. Evolution and extinction are studied to understand how they reflect environmental changes in the earth's ocean, atmosphere, and surface.

GEOL 311 Historical Geology Laboratory

Units: 1

Hours: 54 hours LAB

Prerequisite: None.

Corequisite: GEOL 310 (may be taken previously).

Advisory: GEOL 300

Transferable: CSU; UC

General Education: Cal-GETC Area 5C

C-ID: C-ID GEOL 110L

Laboratory studies will accompany and complement GEOL 310, Historical Geology. Use of sedimentary rocks, fossils, geologic maps, and cross sections will aid in interpreting ancient environments, tectonic settings, and geologic history. Other concepts addressed include age relations and correlation of rock and time units, and introduction to fossil identification and biostratigraphy. At least one field trip or an appropriate alternative activity will be required as an introduction to sedimentary environments and field methods in geology.

GEOL 330 Introduction to Oceanography

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A

The course will provide an introduction to the basic principles and practices of oceanography. Topics will be presented in terms of the applications of physics, geology, chemistry, and biology to a study of the world's oceans. Specific topics will include planetary science and earth origin, the geologic timescale, geography and location systems, matter, marine provinces, sediments, seismology, plate tectonics, seawater composition, geochemical distributions, deep ocean circulation, winds and surface circulation, waves, tides, estuarine environments, biological production, necton, plankton, and benthic organisms. Field trips may be required.

GEOL 345 Geology of California

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5A

C-ID: C-ID GEOL 200

This course provides a survey of the physical and historical aspects of California geology, emphasizing the linkage of geology and people through economic and social impacts. This course is recommended for non-majors and majors in geology and is of particular value to science, engineering, environmental studies, education, and economics majors. Field trips will be combined with lectures.

GEOL 390 Field Studies in Geology

Units: 1 - 4

Hours: 9 - 32 hours LEC; 27 - 120 hours LAB

Prerequisite: GEOL 300 with a grade of "C" or better

Transferable: CSU; UC

This course involves the study of geologic principles and processes of specific regions (mountains, deserts, great valley, coastal region, etc.). Course content varies according to field trip destination but may include topics in physical geology, environmental geology, economic geology, and/or introduction to tools and techniques used for Geoscience field research (e.g. map and compass, Global Positioning System (GPS), Geographic Information Systems (GIS), etc.). For specific details, see the course topic description(s) listed in the schedule. Field excursions are required and students will be responsible for providing their own lodging (or camping equipment) and meals. This course may be repeated up to four times under a new topic or destination.

GEOL 495 Independent Studies in Geology

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

GEOL 499 Experimental Offering in Geology

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Global Studies

Overview

Note: These experimental Global Studies (GLST) offerings are in addition to Folsom Lake College's related curriculum exploring global issues. For more information, see the following program pages: Economics (https://flc.losrios.edu/academics/programs-majors/economics), Ethnic Studies (https://flc.losrios.edu/academics/programs-majors/ethnic-studies), History (https://flc.losrios.edu/academics/programs-majors/history), Interdisciplinary Studies (https://flc.losrios.edu/academics/programs-majors/interdisciplinary-studies), Political Science (https://flc.losrios.edu/academics/programs-majors/political-science), and Social Justice Studies (https://flc.losrios.edu/academics/programs-majors/social-justice-studies).

Division Dean: Dr. Rose Giordano

Health Education

Overview

The health education curriculum at Folsom Lake College has been developed with two goals in mind: to identify the public health education needs of local businesses, organizations, and individuals in the community; and to develop the innovative and informative courses that are necessary to meet the diverse health education needs of the community.

HEED 300 fulfills a portion of the general education graduation requirement for living skills and is transferable to four-year colleges and universities. HEED 351 was developed to give students the tools needed to develop personal wellness.

The health education program at Folsom Lake College is a diverse and constantly evolving program, designed to keep pace with an equally diverse and growing community.

Degrees Offered

A.S.-T. in Public Health

Division Dean: William Garcia

Department Chair: Ali Mollet
Amber Longhitano

Phone: (916) 608-6551

Email: garciaw@flc.losrios.edu

Global Studies (GLST) Courses

GLST 299 Experimental Offering in Global Studies

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

GLST 499 Experimental Offering in Global Studies

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Associate Degrees for Transfer

A.S.-T. in Public Health

The Associate of Science in Public Health for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Public Health at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) The California General Education Transfer Curriculum (CAL-GETC).
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A "Pâ€ (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
A minimum of 23 units from the following:		23
Required Core (13 units)		
HEED 300	Health Science (3)	
HEED 302	Introduction to Public Health (3)	
STAT C1000	Introduction to Statistics (4)	
or ECON 310	Statistics for Business and Economics (3)	
or PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
BIOL 310	General Biology (4)	
or BIOL 400	Principles of Biology (5)	
or BIOL 430	Anatomy and Physiology (5)	
List A-Select one of the following (4 units)		
CHEM 305	Introduction to Chemistry (5)	
CHEM 400	General Chemistry I (5)	
BIOL 440	General Microbiology (4)	
BIOL 442	General Microbiology and Public Health (5)	
List B-Select one of the following (3 units)		
ECE 314	The Child, the Family and the Community (3)	
SOC 300	Introductory Sociology (3)	
PSYC 320	Social Psychology (3)	
ANTH 310	Cultural Anthropology (3)	
List C- Select one of the following (3 units)		
PSYC 356	Human Sexuality (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC C1000	Introduction to Psychology (3)	
NUTRI 300	Nutrition (3)	
Total Units:		**23**

The Associate in Science in Public Health for Transfer (AS-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply the foundations of public health including historical philosophy, core values, organizational structure, and ethics to local, regional, national, and global societies.
- understand and apply the concepts of epidemiology and evidence based data collection methods and analysis.
- identify, compare, and contrast the factors that contribute to public health disparities.
- define and differentiate between health populations and apply basic approaches that allow for identification of primary health related areas of concern for those populations.
- apply concepts used in community organizing and project planning.

Career Information

The Public Health A.S. for Transfer can provide students with the foundational knowledge necessary for transfer to a 4-year Bachelor of Science (BS) or Bachelor of Arts (BA) degree program. Career opportunities for students who have earned BS or BA degrees in Public Health include but are not limited to: epidemiologist, community health worker, environmental scientist, health educator, health services manager, medical services manager, health specialties teacher, healthcare social worker, mental health and substance abuse social worker, mental health counselor, and natural sciences manager. Some careers may require additional training.

Health Education (HEED) Courses

HEED 300 Health Science

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: HEED 300 and HEED 351 combined: maximum credit, one course)

General Education: Local GE L7B

C-ID: C-ID PHS 100

This course is designed to help students achieve a high level of health and prevent disease by assisting them to maximize both their personal lifestyles and their environments. This course will help students identify various factors influencing current and future levels of health. Additional information includes mental health, stress management, nutrition, weight control, fitness, sexuality, addictive substances, and disease.

HEED 302 Introduction to Public Health

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

C-ID: C-ID PHS 101

This course introduces students to the history, principles, methodologies, ethical foundations, and policies that shape public health. Students will examine core disciplines within public health including the epidemiology of infectious and chronic disease; prevention and control of diseases in the community; an analysis of the social determinants of health; strategies for eliminating disease, illness, and health disparities among various populations; community organizing and health promotion programming; environmental health and safety; global health; and healthcare policy and management. Public health will be critically evaluated using interdisciplinary approach based on biological, socio-cultural, behavioral, and political perspectives.

HEED 352 Stress Management and Health

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Enrollment Limitation: N/A

Transferable: CSU; UC

General Education: Local GE L7B

This course examines the stress process and its relationship to health, disease, lifestyle and the sociocultural environment. Stress across one's lifespan will be examined with emphasis on available resources and stress management strategies.

HEED 495 Independent Studies in Health Education

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

HEED 499 Experimental Offering in Health Education

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

History

Overview

The Folsom Lake College history curriculum offers a study of history that contributes to cultural literacy and develops critical thinking and other useful skills while helping students understand today and plan for tomorrow.

Degrees and Certificates Offered

A.A.-T. in History

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

Heritage Interpretation Certificate

Division Dean: Dr. Rose Giordano

Department Chair: Richard Mowrer

Phone: (916) 361-6330

Email: giordar@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in History

The Associate in Arts in History for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in History at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) Cal-GETC the California General Education Transfer Curriculum (Cal-GETC) Requirement.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

All ADTs also require that students must earn a "C" or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
HIST C1001	United States History to 1877	3
HIST C1002	United States History since 1865	3
A minimum of 6 units from the following:		6
List A: Select Two Courses from the following. (6 units)		
HIST 307	History of World Civilizations to 1500 (3)	
or HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
or HIST 302	History of Europe Since 1500 (3)	
A minimum of 6 units from the following:		6
List B: Select one course from each Area, or any course in List A not already used. (6 units)		
Area 1		
ADMJ 302	Community Relations: Multicultural Issues (3)	
ARTH 325	Native American Art History (3)	
ARTH 333	Introduction to Islamic Art (3)	
ENGLT 330	African American Literature (3)	
ENGLT 340	World Literature I (3)	
ENGLT 341	World Literature II (3)	
ENGLT 345	Mythologies of the World (3)	
ENGLT 359	Prison Writings: The Rhetoric of Resistance (3)	
ENGLT 360	Women in Literature (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
FREN 411	Intermediate French (4)	
FREN 412	Intermediate French (4)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HUM 320	Asian Humanities (3)	
HUM 325	Arts and Humanities of the Islamic World (3)	
HUM 370	Women and the Creative Imagination (3)	
NUTRI 310	Cultural Foods of the World (3)	
PHIL 352	Introduction to World Religions (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SPAN 411	Intermediate Spanish (4)	
SPAN 412	Intermediate Spanish (4)	
Area 2		
ADMJ 300	Introduction to Administration of Justice (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 341	Introduction to Linguistics (3)	
COMM 325	Intercultural Communication (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
ECON 307	Global Issues in the Political Economy (3)	
ENGLT 303	Introduction to the Short Story (3)	
ENGLT 305	Introduction to the Novel (3)	
ENGLT 310	English Literature I (3)	
ENGLT 311	English Literature II (3)	
ENGLT 319	Introduction to English Epic Poetry (3)	
ENGLT 321	American Literature II (3)	
ENGLT 339	Postmodern American Fiction (3)	
ENGLT 402	Introduction to Shakespeare and Film (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
HIST 368	History of France (3)	
HUM 300	Classical Humanities (3)	
HUM 301	Introduction to the Humanities (3)	
HUM 310	Modern Humanities (3)	
HUM 332	American Humanities (3)	
PHIL 300	Introduction to Philosophy (3)	
PHIL 310	Introduction to Ethics (3)	
PHIL 330	History of Classical Philosophy (3)	
PHIL 331	History of Modern Philosophy (3)	
PHIL 350	Philosophy of Religion (3)	
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	

Course Code	Course Title	Units
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 368	Cross Cultural Psychology (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
Total Units:		18

The Associate in Arts in History for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate the ability to conduct basic research of historical documents and publications, interpret primary and secondary sources, and utilize academic citations and formatting.
- compose arguments, which evaluate evidence from historical sources and synthesize this evidence in support of a thesis statement and argumentative claims, reflecting writing competency at the college composition level.
- explain historical developments incorporating perspectives of race, class, gender, and ethnicity.
- explain major historical social, cultural, economic, technological, and scientific developments, their causes and effects, and their historical significance.
- describe local and global historical political trends, attitudes, conflicts, and events—including both mainstream and reform efforts—and explain their historical significance.

Career Information

Given the general analytic skills developed in a history curriculum, career opportunities are diverse. While undergraduate study in history is an excellent preparation for law school and other professional schools, history majors have successful careers in health professions, local, state, and federal government, business, science, and information technology. People with advanced degrees in history typically seek employment as teachers and professors.

Associate Degrees

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies in Social and Behavioral Science degree provides an interdisciplinary approach to academic studies. The purpose of the program is for students to gain an understanding of the interconnectedness of various social and behavioral sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 300	Introduction to Business (3)	
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	

Course Code	Course Title	Units
BUS 345	Law and Society (3)	
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
ECON 307	Global Issues in the Political Economy (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 321	African American Policy and Law (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 331	Asian American Policy and Law (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 351	Native American Policy and Law (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
ETHNS 361	Chicana/o/x Latina/o/x Policy and Law (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 314	Recent United States History (3)	
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
KINES 308	Women in Sport (3)	
KINES 416	Psychology of Sport (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 390	Psychology of Death and Dying (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 300	Introduction to Social Work & Human Services (3)	
SWHS 302	Introduction to Psychology of Human Relations (3)	
Total Units:		18

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

Certificate of Achievement

Heritage Interpretation Certificate

Heritage Interpretation involves conveying meaningful information about historical, cultural, and natural events or sites to a broad audience. One may have encountered interpretive prose in historical site markers, displays at parks or museums, and written park visitor guides. Park rangers, docents, and tour guides use oral and written interpretation

skills. More recently, interpretive skills have been expanding into social media. Students completing this proposed certificate of recognition will be prepared to take an exam to be a Certified Interpretive Guide (C.I.G) from the National Association for Interpretation. Courses in this certificate may also be applied towards associate degree and/or transfer requirements.

Certificate Requirements

Course Code	Course Title	Units
ANTH 300	Biological Anthropology (3)	3
or ANTH 310	Cultural Anthropology (3)	
or ANTH 323	Introduction to Archaeology (3)	
BIOL C1000	Introduction to Biology with Lab (4)	3 - 4
or BIOL 323	Plants and People (4)	
or BIOL 350	Environmental Biology (3)	
HIST 319	American Environmental History (3)	3
or HIST 344	Survey of California History: A Multicultural Perspective (3)	
ANTH 392	Principles of Heritage Interpretation (3)	3
A minimum of 2 units from the following:		2
ANTH 498	Work Experience in Anthropology (0.5 - 4)	
BIOL 380	Natural History Field Studies: Coastal Ecosystems (1)	
BIOL 382	Natural History Field Studies: Desert Ecosystems (1)	
BIOL 384	Natural History Field Study of Forest Ecosystems (1)	
BIOL 386	Natural History Field Studies: Marine Ecosystems (1)	
BIOL 388	Natural History Field Studies: River Ecosystems (1)	
BIOL 389	Natural History Field Studies: Wetland Ecosystems (1)	
HIST 498	Work Experience in History (0.5 - 4)	
WEXP 498	Work Experience in (Subject) (0.5 - 4)	
Total Units:		14 - 15

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- pass the Certified Interpretive Guide exam offered by the National Association for Interpretation.
- interpret information about a historical, cultural, or natural event or site to a diverse audience.
- justify the importance of preserving historical, cultural, and natural resources.

Career Information

Students completing this certificate along with additional coursework may be prepared to seek jobs as an interpretive guide or Interpretive Specialist at parks, museums, historical sites, and cultural centers; K-12 educator; river guide; or in the hospitality industry. This certificate may also fulfill some of the transfer requirements for a bachelor's degree in Public History, Cultural Resources Management, or Natural Resources Management.

History (HIST) Courses

HIST 301 History of Europe and Mediterranean World to 1550

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Local GE L4; Cal-GETC Area 3B; Cal-GETC Area 4

C-ID: C-ID HIST 170

This course portrays the development of European Civilization from its origins through the Reformation, ending around 1550, with particular emphasis on the interplay of social, economic, and political forces. The focus is on the role played by cultural developments and political philosophies in shaping European society and its legacy in the world.

HIST 302 History of Europe Since 1500

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Local GE L4; Cal-GETC Area 3B; Cal-GETC Area 4

C-ID: C-ID HIST 180

This course portrays the development of European Civilization from the age of Absolutism, beginning in 1500, to the present with particular emphasis on the interplay of social, economic, and political forces. The focus is on the role played by cultural movements and political ideologies in shaping European society and its legacy within the world today.

HIST 307 History of World Civilizations to 1500

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL 110 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3; Local GE L4; Cal-GETC Area 3B; Cal-GETC Area 4

C-ID: C-ID HIST 150

This course is a survey of the development of world civilizations from antiquity to 1500 CE, with particular emphasis on the dynamic interaction and comparison of peoples and cultures. The focus is on the roles played by social, political, economic, cultural and religious forces in shaping the major world civilizations and the legacy of these civilizations within the world today.

HIST 308 History of World Civilizations, 1500 to Present

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL 110 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3; Local GE L4; Cal-GETC Area 3B; Cal-GETC Area 4

C-ID: C-ID HIST 160

This course is a survey of the development of the major civilizations of the world from the 16th century to the present, with particular emphasis on the dynamic interaction of peoples and cultures. The focus is on the role played by social, political, economic, cultural and religious forces in shaping the major world civilizations and the legacy of these civilizations within the world today.

HIST C1001 United States History to 1877

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 or ESLW 340 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID HIST 130

This course was formerly known as HIST 310 History of the United States (To 1877).

This course is a historical survey of the United States, from Indigenous North America to the end of Reconstruction. The course also introduces students to historical reasoning skills. This course covers the time period from first inhabitants to the end of Reconstruction in 1877.This course underscores the continuity of the American experience and emphasizes the roles played by cultural, economic, intellectual, political, and social institutions in American history, with an eye toward understanding the history of multiple ethnic groups in a comparative framework. The course covers the entire area now included in the United States of America. Relationships within the region as well as external powers will be covered.

Credit may be earned for History C1001 or History C1001H, but not for both. Formerly known as HIST 310. Not open to students who have successfully completed HIST 310.

HIST C1002 United States History since 1865

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 or ESLW 340 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID HIST 140

This course was formerly known as HIST 311 History of the United States (1865 - Present).

This course is a historical survey of the United States from the end of the Civil War to the present. The course also introduces students to historical reasoning skills. This course covers the time period from the end of the Civil War in 1865 to the present day. This course underscores the continuity of the American experience and emphasizes the roles played by cultural, economic, intellectual, political, and social institutions in American history, with an eye toward understanding the history of multiple ethnic groups in a comparative framework. The course covers the entire area now included in the United States of America. Relationships within the region as well as external powers will be covered .

Credit may be earned for History C1002 or History C1002H, but not for both. Formerly known as HIST 311. Not open to students who have successfully completed HIST 311.

HIST 314 Recent United States History

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGWR 101 with a grade of "C" or better; or placement into ENGWR 300.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

This course reviews those events that constitute our country's history from 1945 to the present, ensuing against the background of a "world setting." While the emphasis tends to be on political developments, the course also covers broad economic, social, and cultural patterns. It includes coverage of California state and local government.

HIST 319 American Environmental History

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

This course examines the past interactions between human society and the natural world in what is now the United States. Issues to be discussed include Native American resource management, the ecological effects of the arrival of Europeans in the "New World," resource exploitation in the industrial era, cultural constructions of nature, and the preservation, conservation, and environmental movements. In the context of the historical influence of nature upon human society and the impact of human society upon nature, the course covers broad political, social, and cultural patterns and conflicts. In the same context, it also includes multicultural interpretations of the California and Sierra Nevada foothill experience which may entail field trips.

HIST 331 Women in American History

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL 110 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

This course offers a survey of U.S. women's history, including the origin and development of the nation's political, social, economic, and intellectual institutions, from pre-contact indigenous societies to the modern era. The diverse roles and contributions of European American, Native American, African American, Mexican American, and Asian American women are emphasized throughout the course.

HIST 344 Survey of California History: A Multicultural Perspective

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL 110 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3; Local GE L4; Cal-GETC Area 3B; Cal-GETC Area 4

This course is a survey of the history of California with an emphasis on the evolution of the state as a multicultural society, beginning with Native Californian cultures and continuing to the present. Above all, the course evaluates the historical experiences and dynamic interaction of Native American, Hispanic American, Asian American, African American, European American, and other cultural groups. Field trips to local sites of historical significance may be included.

HIST 368 History of France

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL 110

Transferable: CSU; UC

General Education: Local GE L3; Local GE L4; Cal-GETC Area 3B; Cal-GETC Area 4

This course surveys the cultural, political, and economic history of France from Roman Gaul to the present. It examines the origin and development of French artistic, political, economic, and intellectual institutions, their influence on French society and culture, and France's role in Europe and the wider world.

HIST 495 Independent Studies in History

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

HIST 498 Work Experience in History

Units: 0.5 - 4

Hours: 30 - 300 hours LAB

Prerequisite: None.

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to career interests.

Transferable: CSU

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within the field of History. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. Students must complete 37.5 hours of related paid work experience, or 30 hours of related unpaid work experience, for .5 unit. An additional 37.5 hours of related paid work experience or 30 hours of related unpaid work experience is required for each additional .5 unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and ability to store data files. Only one Work Experience course may be taken per semester.

HIST 499 Experimental Offering in History

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Honors

Overview

The Folsom Lake College Honors Program is a community of students and faculty who are dedicated to the pursuit of intellectual and personal enrichment in a diverse and challenging academic environment. Students with a cumulative grade point average (GPA) of 3.2 or better who have completed at least 15 units of approved Honors coursework earn a Certificate of Achievement noted on the transcript. A minimum of 9 units of Honors coursework must be earned at FLC.

Certificates Offered

Honors Certificate

Division Dean: Francis Fletcher

Department Chair: Lisa Sapra

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Certificate of Achievement

Honors Certificate

The Folsom Lake College Honors Program is a community of students and faculty who are dedicated to the pursuit of intellectual and personal enrichment in a diverse and challenging academic environment. Students with a cumulative grade point average (GPA) of 3.2 or better who have completed at least 15 units of approved Honors coursework earn a Certificate of Achievement noted on the transcript. A minimum of 9 units of Honors coursework must be earned at FLC. A maximum of 6 units of Honors coursework may be transferred from other colleges. Most courses in the certificate fulfill requirements for the AA, AS, AA-T, AS-T degrees, and CalGETC Pattern. Honors students should meet with a counselor to ensure completion of FLC graduation and/or transfer requirements. Honors students should meet regularly with an Honors faculty coordinator to ensure completion of the Honors Certificate.

Certificate Requirements

Course Code	Course Title	Units
A minimum of 15 units from the following:		15[1]
ENGL C1000H	Academic Reading and Writing - Honors (3)	
ENGL 481	Honors College Composition and Literature (3)	
ENGL C1001H	Critical Thinking and Writing - Honors (3)	
TAFILM 480	Honors Introduction to Film (3)	
Total Units:		**15**

[1]Up to six units of the Honors Certificate may be earned with either non-Honors coursework for which there is an Honors Contract and/or by completing Honors coursework at other colleges. Contact the Honors Coordinator for details.

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- Students self-select to enroll in Honors courses and pursue the Honors Certificate at FLC.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- analyze the broad areas of human knowledge that contribute to purposeful and meaningful lives.
- incorporate argumentative reasoning and logic involved in the process of advanced problem-solving in an academic setting.
- investigate advanced methods of inquiry and analysis employed in a variety of disciplines.
- justify personal accomplishments as a highly motivated, self-directed individual in an advanced academic setting.
- demonstrate cultural competence in a diverse academic setting.

Career Information

This certificate supports diverse transfer and career opportunities based on students' interest and goals.

Human/Career Development

Overview

The Folsom Lake College human/career development curriculum is designed to assist students with recognizing their full potential through developing self-awareness, educational management, and lifelong independent career planning skills. Instruction includes obtaining skills necessary to succeed in college and make positive and productive work/life decisions.

Division Dean: Aselia Melo

Department Chair: Juan Flores

Phone: (916) 608-6838

Email: MeloA@flc.losrios.edu

Human/Career Development (HCD) Courses

HCD 110 Building Foundations for Success

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

General Education: Local GE L7B

This course provides success strategies and support services to entry level students. The strategies and support services are threaded through three critical areas that enhance student success: academic skills, personal life management, and educational navigation.

HCD 299 Experimental Offering in Human Career Development

Units: 0.5 - 4

Hours: 27 hours LAB

Prerequisite: None.

This course is designed for students with reading, writing and studying difficulties. It will introduce students to assistive computer software and technology that is designed to help with learning problems. The course will be taught in a computer lab environment emphasizing hands-on application. The class will utilize a variety of assistive technology software such as Kurzweil 3000. Skills to be covered include: reading, writing, studying, outlining, highlighting, mind mapping and other computer assisted study strategies. This course may be repeated twice for credit.

HCD 310 College Success

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: 310, HCD 315, HCD 318 and INDIS 313 combined: maximum credit, 3 units.)

General Education: Local GE L7B

This comprehensive course is designed to assist students in obtaining the skills and knowledge necessary to reach their educational objectives. Topics include: goal setting, motivation, learning styles, study skills, time management, academic planning, career exploration, transfer options, and personal development topics commonly reported by college students. The course is recommended for new students and others who can benefit.

HCD 315 First Year Seminar

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: 310, HCD 315, HCD 318 and INDIS 313 combined: maximum credit, 3 units.)

General Education: Local GE L7B

This course is designed for students in their first year of college and provides the opportunity to develop and enhance essential skills needed in order to meet the challenges of higher education. Topics include personal responsibility, motivation, self-management, emotional intelligence, interdependence, resiliency, critical and independent thinking, and information literacy.

HCD 318 Transfer: Making It Happen

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Advisory: ENGL 110

Transferable: CSU; UC (UC credit limitation: 310, HCD 315, HCD 318 and INDIS 313 combined: maximum credit 3 units.)

General Education: Local GE L7B

This course provides a comprehensive study of the university transfer process as it relates to community college students. Topics include an overview of higher education options, transfer admission requirements, college research, major selection, transfer resources, student support services, and the college application process. Field trips may be required.

HCD 330 Life and Career Planning

Units: 1

Hours: 18 hours LEC

Prerequisite: None.

Transferable: CSU

General Education: Local GE L7B

This course is a comprehensive approach to life and career planning based on extensive measurement of aptitude, interests, personality type, values, and skills. Personal and career goals will be formulated using career research and decision making strategies. Course topics will include changing career trends and job search techniques. Supplementary items include the Myers-Briggs Type Indicator and Strong Interest Inventory.

HCD 345 21st Century Workplace Skills

Units: 1

Hours: 18 hours LEC

Prerequisite: None.

Transferable: CSU

General Education: Local GE L7B

This course is designed to help students develop the non-cognitive or 'soft' skills needed to succeed in today's changing workplace. Course topics will include career and self development, how to be a competitive job seeker, and career readiness competencies such as communication, critical thinking, professionalism, equity and inclusion, leadership, digital fluency, empathy, and resilience.

Supplementary items may include career/personality assessments that require a fee.

HCD 495 Independent Studies in Human Career Development

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

HCD 499 Experimental Offering in Human Career Development

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Humanities

Overview

The humanities curriculum at Folsom Lake College offers students the opportunity to develop a breadth of interdisciplinary knowledge, enhance their appreciation of the arts, and sharpen their critical thinking skills. Students who major in this program will gain a well-rounded world view that will prepare them for success at the university level, in the workplace, and in the community.

Degrees Offered

A.A. in Interdisciplinary Studies: Arts and Humanities

Division Dean: Dr. Rose Giordano

Department Chair: Rebecca DeVille

Phone: (916) 361-6330

Email: giordar@flc.losrios.edu

Associate Degree

A.A. in Interdisciplinary Studies: Arts and Humanities

The Interdisciplinary Studies degree is designed for students who seek a greater understanding of disciplines within the arts and humanities. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Arts and Humanities. These courses emphasize the study of cultural, literary, and humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities). Students will learn to value aesthetic understanding and incorporate these concepts when constructing value judgments (Possible majors at a four-year institution include, but are not limited to: Art, English, Foreign Language, Humanities, Linguistics, Music, Philosophy, and Theatre Arts).

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
ART 300	Drawing and Composition I (3)	
ART 302	Drawing and Composition II (3)	
ART 304	Figure Drawing I (3)	
ART 308	Perspective Drawing (3)	
ART 310	Pen and Ink Drawing (3)	
ART 312	Portrait Drawing (3)	
ART 320	Design: Fundamentals (3)	
ART 323	Design: Color Theory (3)	
ART 327	Painting I (3)	
ART 332	Oil Painting (3)	
ART 334	Acrylic Painting (3)	
ART 336	Watercolor Painting (3)	
ART 337	Intermediate Watercolor Painting (3)	
ART 361	Printmaking: Survey (3)	
ART 370	Three Dimensional Design (3)	
ART 372	Sculpture (3)	
ART 373	Intermediate Sculpture (3)	
ART 383	Metal Design: Emphasis In Fabrication (3)	
ART 386	Intermediate Metal Design: Emphasis in Fabrication (3)	
ART 387	Intermediate Metal Design: Emphasis in Forming (3)	
ART 390	Ceramics (3)	
ART 402	Beginning Clay Sculpture (3)	
ART 404	Intermediate Clay Sculpture (3)	
ART 430	Art and Children (3)	
ARTH 300	Art Appreciation (3)	
ARTH 304	Ancient Art (3)	
ARTH 306	Medieval Art (3)	
ARTH 307	Italian Renaissance Art (3)	
ARTH 309	Art Survey: Renaissance to 19th Century (3)	
ARTH 311	Art Survey: Modern Art (3)	
ARTH 312	Women in Art (3)	
ARTH 318	History of American Art (3)	
ARTH 324	Art of the Americas (3)	
ARTH 325	Native American Art History (3)	

Course Code	Course Title	Units
ARTH 328	Survey of African Art (3)	
ARTH 330	Survey of African-American Art (3)	
ARTH 332	Asian Art (3)	
ARTH 333	Introduction to Islamic Art (3)	
ARTH C1100	Survey of Art from Prehistory to the Medieval Era (3)	
COMM 305	Oral Interpretation (3)	
DANCE 380	World Dance History (3)	
ECE 361	Introducing Young Children to Visual Arts (3)	
ECE 363	Music and Movement with Young Children (3)	
ENGCW 400	Creative Writing (3)	
ENGCW 410	Fiction Writing Workshop (3)	
ENGCW 420	Poetry Writing Workshop (3)	
ENGCW 430	Creative Non-Fiction Writing Workshop (3)	
ENGLT 303	Introduction to the Short Story (3)	
ENGLT 305	Introduction to the Novel (3)	
ENGLT 310	English Literature I (3)	
ENGLT 311	English Literature II (3)	
ENGLT 319	Introduction to English Epic Poetry (3)	
ENGLT 320	American Literature I (3)	
ENGLT 321	American Literature II (3)	
ENGLT 330	African American Literature (3)	
ENGLT 339	Postmodern American Fiction (3)	
ENGLT 340	World Literature I (3)	
ENGLT 341	World Literature II (3)	
ENGLT 345	Mythologies of the World (3)	
ENGLT 359	Prison Writings: The Rhetoric of Resistance (3)	
ENGLT 360	Women in Literature (3)	
ENGLT 370	Children and Literature (3)	
ENGLT 402	Introduction to Shakespeare and Film (3)	
ENGL 301	College Composition and Literature (3)	
ENGL 481	Honors College Composition and Literature (3)	
FREN 401	Elementary French (4)	
FREN 402	Elementary French (4)	
FREN 411	Intermediate French (4)	
FREN 412	Intermediate French (4)	

Course Code	Course Title	Units
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
HUM 300	Classical Humanities (3)	
HUM 301	Introduction to the Humanities (3)	
HUM 310	Modern Humanities (3)	
HUM 320	Asian Humanities (3)	
HUM 325	Arts and Humanities of the Islamic World (3)	
HUM 332	American Humanities (3)	
HUM 370	Women and the Creative Imagination (3)	
KINES 309	Sports and Film (3)	
MUFHL 300	Introduction to Music (3)	
MUFHL 308	Introduction to Music: Rock & Roll (3)	
MUFHL 310	Survey of Music History and Literature (Greek Antiquity to 1750) (3)	
MUFHL 311	Survey of Music History and Literature (1750 to the present) (3)	
MUFHL 315	Jazz History (3)	
MUFHL 321	Basic Musicianship (3)	
MUFHL 330	World Music (3)	
MUFHL 400	Music Theory and Musicianship I (4)	
MUFHL 401	Music Theory and Musicianship II (4)	
MUFHL 410	Music Theory and Musicianship III (4)	
MUFHL 411	Music Theory and Musicianship IV (4)	
MUIVI 310	Voice Class I (2)	
MUIVI 345	Beginning Piano I (1 - 2)	
MUIVI 370	Beginning Guitar (2)	
MUP 350	Concert Choir I (2)	
MUP 357	College Chorus (2)	
PHIL 300	Introduction to Philosophy (3)	
PHIL 310	Introduction to Ethics (3)	
PHIL 330	History of Classical Philosophy (3)	
PHIL 331	History of Modern Philosophy (3)	

Course Code	Course Title	Units
PHIL 350	Philosophy of Religion (3)	
PHIL 352	Introduction to World Religions (3)	
PHOTO 302	Beginning Digital Photography (3)	
PHOTO 420	History of Photography (3)	
SILA 305	American Sign Language 1 (4)	
SILA 306	American Sign Language 2 (4)	
SILA 315	American Sign Language 3 (4)	
SILA 316	American Sign Language 4 (4)	
SPAN 401	Elementary Spanish I (4)	
SPAN 402	Elementary Spanish II (4)	
SPAN 411	Intermediate Spanish (4)	
SPAN 412	Intermediate Spanish (4)	
TA 300	Introduction to the Theatre (3)	
TA 302	History and Theory of the Theatre I (3)	
TA 303	History and Theory of the Theatre II (3)	
TA 304	Women in Theatre (3)	
TA 308	Diversity in American Theatre (3)	
TA 340	Beginning Acting (3)	
TA 350	Theory and Techniques of Acting I (3)	
TA 351	Theory and Techniques of Acting II (3)	
TA 422	Stage Lighting (3)	
TAFILM 300	Introduction to Film (3)	
TAFILM 303	History of Film: 1880's through 1950's (3)	
TAFILM 304	History of Film: 1950's to Present (3)	
TAFILM 307	Diversity in American Film (3)	
TAFILM 320	Cinema Genres (3)	
TAFILM 330	Film Making (3)	
TAFILM 360	Screenwriting (3)	
TAFILM 480	Honors Introduction to Film (3)	
TAP 300	Modern Rehearsal and Performance I (1 - 3)	
TAP 310	Modern Technical Production I (1 - 3)	
TAP 320	Classical Rehearsal and Performance I (1 - 3)	
TAP 330	Classical Technical Production I (1 - 3)	
TAP 340	Musical Rehearsal and Performance I (1 - 3)	
TAP 350	Musical Technical Production I (1 - 3)	
TAP 360	Children's Theatre Rehearsal and Performance I (1 - 3)	
TAP 370	Children's Theatre Technical Production I (1 - 3)	
TAP 380	Repertory/Touring Rehearsal and Performance I (1 - 3)	
TAP 390	Repertory and Touring Technical Production I (1 - 3)	

Course Code	Course Title	Units
Total Units:		18

The Interdisciplinary Studies: Arts and Humanities Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities).

Humanities (HUM) Courses

HUM 300 Classical Humanities

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

The course focuses upon Western culture in its attempt to interpret human experience and identity. The course examines basic human values as exemplified in the arts, philosophy and history. Emphasis is on the Greeks, the Romans, and the Judeo-Christian traditions up to the end of the Middle Ages. Humanities students may be required to attend a cultural event during the semester at their own expense.

HUM 301 Introduction to the Humanities

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This is a non-chronological course that introduces the humanities and arts. The primary focus will be on architecture, music, painting, poetry,

sculpture, theatre, and film. Emphasis is placed on appreciation. Students will develop the tools necessary to analyze and appreciate masterworks from diverse cultures and time periods. Students may be required to attend one cultural event at their own expense.

HUM 310 Modern Humanities

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course focuses upon Western culture in its attempt to interpret human experience and identity. The course examines basic human values as exemplified in the arts, philosophy, and history. Emphasis is on the Renaissance, the Baroque period, and the Modern age. Humanities students may be required to attend a cultural event during the semester at their own expense.

HUM 320 Asian Humanities

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course surveys traditions, cultures, literatures, art, music, and film of India, China, and Japan from ancient times to the present. Emphasis is on the inter-relationships of the arts, literatures, and philosophies in their historical contexts within each geographical area. Topics may include arts and cultures of other Asian countries such as Vietnam, Laos, Cambodia, Thailand, and Korea. This course fulfills Folsom Lake College's Ethnic/Multicultural Studies requirement for the Associates Degree. Students may be required to visit a museum or attend a live performance of the arts (music, theater, or dance) during the semester at their own expense.

HUM 325 Arts and Humanities of the Islamic World

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course examines the arts and humanities shaped by Islamic thoughts and beliefs from the 7th century to contemporary times in the Islamic regions. It includes information on history, religion, philosophy, visual arts, and literature. It additionally covers music and later art forms such as film. This course emphasizes Arab, Persian, African, and Asian contributions in the Islamic lands and in Diaspora. Attending pertinent cultural events, at students' expense may be required.

HUM 332 American Humanities

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course examines ideas and values about the American experience by analyzing the literature, art, music, philosophy and history from the beginning of the twentieth-century to the present. The course draws upon the arts of African American, Native American, Asian American, Anglo and Latino cultures as avenues for understanding issues of race, ethnicity, class, and gender as they intersect with mainstream American values. Humanities students may be required to attend a cultural event during the semester at their own expense.

HUM 370 Women and the Creative Imagination

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course examines the creative powers of women throughout the history of art from antiquity to the present. The course offers an interdisciplinary perspective on the contributions of women artists as evidenced in literature and the visual and performing arts. Using gender as the primary lens of analysis, this course seeks to uncover the broader contexts of female experience by probing the relationship women artists had to the historical periods in which they lived and worked. Students at FLC may be required to attend a cultural event at their own expense.

HUM 495 Independent Studies in Humanities

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

HUM 499 Experimental Offering in Humanities

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Imaging

Overview

Note: To qualify for this course of study, students must already be certified as a radiologic technologist with the State of California.

The imaging program at Folsom Lake College prepares students for the American Registry of Radiologic Technologists' (ARRT) (https://www.arrt.org/) certifications in computed tomography (CT), magnetic resonance imaging (MRI) and vascular interventional radiography (VIR). The role of the CT, MRI, or VIR technologist is to perform the technical aspect of routine and complex procedures in the field of radiology that are involved in the detection, diagnosis, and treatment of diseases.

Students will have an opportunity to participate in lectures, simulation training, as well as actual clinical site rotations that are consistent with recommended curriculum material established by the American Registry of Radiologic Technologists.

Upon successful completion of the program, participants will be able to operate CT, MRI, or VIR equipment and perform technical aspects of procedures consistent with protocols in a proficient manner.

Apply for Imaging (https://flc.losrios.edu/academics/apply-for-imaging)

Certificates Offered

Computed Tomography Certificate

Magnetic Resonance Imaging Certificate

Division Dean: John Skellenger

Department Chair: Jason Pedro

Phone: (916) 608-6927

Email: skellej@flc.losrios.edu

Certificates of Achievement

Computed Tomography Certificate

For certified Radiologic Technologists, there are a number of advanced forms of imaging that may be pursued. This program is designed for Computed Tomography, commonly called "CT." Successful completion of the program should indicate successful preparation for the American Registry of Radiologic Technologist's CT certification. Students must apply and be accepted into the program. Liability insurance must be purchased by the student as well as the HIPAA training during the program orientation.

Certificate Requirements

Course Code	Course Title	Units
IMAGE 320	Computed Tomography I	1.5
IMAGE 321	Computed Tomography II	3
IMAGE 330	Computed Tomography Lab I	0.5
IMAGE 331	Computed Tomography Lab II	7.5
Total Units:		**12.5**

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- Complete the application process for enrollment in the CT program.
- Fulfill all requirements set forth by the Advanced Imaging Modalities Student Guidelines including but not limited to background clearance, physical examination, immunization clearance and drug screening.
- Evidence of current certification as a radiologic technologist in the state of California.
- Students must purchase liability insurance and HIPAA training.

Enrollment Process

Eligible students are selected for the program according to the following steps:

- Please contact the chair of Allied Health at Folsom Lake College for information regarding the application process to the Computed Tomography program. (530)-642-5639

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- provide a complete portfolio of technically proficient CT repetitions to satisfy the ARRT clinical experience requirements.
- exhibit professional and committed delivery of excellent health care.
- use a CT scanner properly while demonstrating proper safety procedures before, during, and after a scan.
- successfully take the ARRT exam in Computed Tomography.

Magnetic Resonance Imaging Certificate

For certified Radiologic Technologists, there are a number of advanced forms of imaging that may be pursued. This certificate is designed for Magnetic Resonance Imaging, commonly called "MRI." This program will prepare the student for the American Registry of Radiologic Technologist's MRI certification. Students must apply and be accepted into the program. Liability insurance must be purchased by the student as well as the HIPAA training during the program orientation.

Certificate Requirements

Course Code	Course Title	Units
IMAGE 340	Magnetic Resonance Imaging I	1.5
IMAGE 341	Magnetic Resonance Imaging II	3
IMAGE 350	Magnetic Resonance Imaging Lab I	0.5
IMAGE 351	Magnetic Resonance Imaging Practicum	7.5
Total Units:		**12.5**

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- Complete the application process for enrollment in the MRI program.
- Fulfill all requirements outlined in the Advanced Imaging Modalities Student Guidelines including but not limited to background clearance, physical examination, immunization clearance and drug screening.
- Evidence of current certification as a radiologic technologist in the state of California.
- Students must purchase liability insurance and HIPAA training.

Enrollment Process

Eligible students are selected for the program according to the following steps:

- Please contact the chair of Allied Health at Folsom Lake College for information regarding the application process to the Computed Tomography program. (530)-642-5639

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- provide a complete portfolio of technically proficient MRI repetitions to satisfy the ARRT clinical experience requirements.
- demonstrate competence in the seven mandatory general patient care activities, eight MRI safety requirements, and seven quality control tests.
- exhibit professional and committed delivery of excellent health care.
- pass the ARRT exam in Magnetic Resonance Imaging.

Imaging (IMAGE) Courses

IMAGE 320 Computed Tomography I

Units: 1.5

Hours: 27 hours LEC

Prerequisite: None.

Enrollment Limitation: * Acceptance into the CT program.

Transferable: CSU

This is the introductory course to the Computed Tomography (CT) Program. Content will include an overview of the entire program, hardware and system operation, some study into the history and appearance of CT images, safety, and overview of cross sectional anatomy, and an overview of the requirements for the CT Certification Exam.

IMAGE 321 Computed Tomography II

Units: 3

Hours: 54 hours LEC

Prerequisite: IMAGE 320 and 330 with grades of "C" or better

Corequisite: Students will take IMAGE 321 (lecture) and IMAGE 331 (clinical internship lab) simultaneously.

Enrollment Limitation: * Acceptance into the Computed Tomography Program.

Transferable: CSU

This lecture course will emphasize review of actual Computed Tomography (CT) case studies that have been rendered identity neutral. Reading scans as well as continued training in safety and protocols for the American Registry of Radiologic Technologists (ARRT) technologist will be emphasized. Additionally, there will be an overview of the ARRT standards and requirements for the CT certification exam. This course will be taken in conjunction with IMAGE 331.

IMAGE 330 Computed Tomography Lab I

Units: 0.5

Hours: 27 hours LAB

Prerequisite: None.

Enrollment Limitation: * Acceptance into the CT program.

Transferable: CSU

The ARRT Computed Tomography Technologist (CT) simulation training is a technique for practicing and learning all aspects of performing ARRT CT procedures. Students will use a variety of methods and simulations to become proficient enough to enter the live CT environment.

IMAGE 331 Computed Tomography Lab II

Units: 7.5

Hours: 405 hours LAB

Prerequisite: IMAGE 320 and 330 with grades of "C" or better

Enrollment Limitation: * Acceptance into the CT program.

Transferable: CSU

This lab course will take place in an actual CT scanning environment off campus. Students will build their portfolio of a minimum of 125 scan repetitions covering at least 25 of the 59 possible procedures. This course may be taken in conjunction with IMAGE 321.

IMAGE 340 Magnetic Resonance Imaging I

Units: 1.5

Hours: 27 hours LEC

Prerequisite: None.

Enrollment Limitation: Acceptance into the Magnetic Resonance Imaging program.

Transferable: CSU

This course will introduce the student to the key aspects of Magnetic Resonance Imaging (MRI). The fundamental components of the scanner, safety concerns, and basic concepts of the imaging process and cross-sectional anatomy will be introduced. Students will also be provided with basic protocols of an MR scan as well as given information regarding the common types of scans.

IMAGE 341 Magnetic Resonance Imaging II

Units: 3

Hours: 54 hours LEC

Prerequisite: IMAGE 340 and 350 with grades of "C" or better

Enrollment Limitation: Acceptance into the Magnetic Resonance Imaging program.

Transferable: CSU

This lecture course will emphasize review of MR instrumentation, principles, pulse sequences, image acquisition, imaging parameters, MRI safety, and review of actual MRI scans. Training in safety and protocols for the ARRT technologist will be also be emphasized. Additionally, there will be an overview of the ARRT standards and requirements for the MRI certification exam.

IMAGE 350 Magnetic Resonance Imaging Lab I

Units: 0.5

Hours: 27 hours LAB

Prerequisite: None.

Enrollment Limitation: Acceptance into the Magnetic Resonance Imaging program.

Transferable: CSU

The ARRT Magnetic Resonance Technologist simulation training is a technique for practicing and learning all aspects of performing ARRT Magnetic Resonance Imaging procedures. Students will use actual MRI equipment in order to become proficient enough to enter the live MRI environment.

IMAGE 351 Magnetic Resonance Imaging Practicum

Units: 7.5

Hours: 405 hours LAB

Prerequisite: IMAGE 340 and 350 with grades of "C" or better

Enrollment Limitation: Acceptance into the Magnetic Resonance Imaging program.

Transferable: CSU

This laboratory course provides the primary clinical experience for the MRI program, where students work toward building their portfolio in MRI procedures for American Registry of Radiologic Technologists (ARRT) certification. While completing a portfolio of 125 scan repetitions covering 25 of the 53 possible MRI procedures is the goal, it is not a strict requirement to finish the course. However, students must demonstrate significant progress towards completing their portfolio throughout the clinical experience. Required procedures are detailed in the ARRT MRI post-primary certification manual.

Interdisciplinary Studies

Overview

This Folsom Lake College major is intended for students who want a general background in the areas of arts and humanities, communication and English, social and behavioral sciences, or math and science at the community college level. Several options are offered in specific interest areas, but all are intended to give the student an interdisciplinary foundation for further study or an overview of the area chosen. Students who wish to transfer to a four-year college should consult with a counselor.

Degrees and Certificates Offered

A.A.-T. in Law, Public Policy, and Society

A.A. in Interdisciplinary Studies: Arts and Humanities

A.A. in Interdisciplinary Studies: Communication and English

A.A. in Interdisciplinary Studies: Math and Science

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

A.A. in Interdisciplinary Studies: Pre-Law

A.S. in Interdisciplinary Studies: STEM

Heritage Interpretation Certificate

Division Dean: Dr. Rose Giordano

Phone: (916) 361-6330

Email: giordar@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in Law, Public Policy, and Society

The Associate in Arts for Transfer Degree in Law, Public Policy, and Society provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Law, Public Policy, and Society at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) The California General Education Transfer Curriculum (CAL-GETC).
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
ENGL C1000	Academic Reading and Writing	3
PHIL 310	Introduction to Ethics	3
POLS C1000	American Government and Politics	3
A minimum of 3 units from the following:		3
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ADMJ 322	Criminal Procedures (3)	
BUS 340	Business Law (3)	
BUS 345	Law and Society (3)	
A minimum of 3 units from the following:		3[1]

Course Code	Course Title	Units
COMM C1000	Introduction to Public Speaking (3)	
COMM 311	Argumentation and Debate (3)	
COMM 331	Group Discussion (3)	
A minimum of 3 units from the following:		3
COMM 311	Argumentation and Debate (3)	
COMM 315	Persuasion (3)	
ENGL C1001	Critical Thinking and Writing (3)	
PHIL 320	Logic and Critical Reasoning (3)	
A minimum of 3 units from the following:		3
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
STAT C1000	Introduction to Statistics (4)	
A minimum of 3 units from the following:		3
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
A minimum of 6 units from the following:		6
Select two courses from two of the areas listed below. Courses must not have been used to satisfy any of the requirements listed above.		
Administration of Justice		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ADMJ 322	Criminal Procedures (3)	
ADMJ 323	Legal Aspects of Evidence (3)	
Business		
BUS 340	Business Law (3)	
Economics		
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
Political Science		
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
Public Policy		
MGMT 310	Introduction to Public Management (3)	
MGMT 315	Government Relations and Policy Development (3)	
SOC 301	Social Problems (3)	
Diversity		
ADMJ 302	Community Relations: Multicultural Issues (3)	
ANTH 310	Cultural Anthropology (3)	
BUS 330	Managing Diversity in the Workplace (3)	
COMM 325	Intercultural Communication (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
PSYC 368	Cross Cultural Psychology (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
College Success		
HCD 310	College Success (3)	
Internship/Field Work		
Select three units from the following:		
ACCT 498	Work Experience in Accounting (0.5 - 4)	
ADMJ 498	Work Experience in Administration of Justice (0.5 - 4)	
ANTH 498	Work Experience in Anthropology (0.5 - 4)	
BIOL 498	Work Experience in Biology (0.5 - 4)	
BUS 498	Work Experience in Business (0.5 - 4)	
BUSTEC 498	Work Experience in Business Technology (0.5 - 4)	
CHEM 498	Work Experience in Chemistry (1 - 4)	
CISC 498	Work Experience in Computer Information Science - Core (0.5 - 4)	
COMM 498	Work Experience in Communication and Media Studies (0.5 - 4)	
DANCE 498	Work Experience in Dance (0.5 - 4)	
ECE 498	Work Experience in Early Childhood Education (0.5 - 4)	
ENVT 498	Work Experience in Environmental Technology (0.5 - 4)	
KINES 498	Work Experience in Kinesiology (0.5 - 4)	
MGMT 498	Work Experience in Management (0.5 - 4)	
MKT 498	Work Experience in Marketing (0.5 - 4)	
MUSM 498	Work Experience in Music Specializations (0.5 - 4)	
NUTRI 498	Work Experience in Nutrition (0.5 - 4)	
PHOTO 498	Work Experience in Photography (0.5 - 4)	
SOC 498	Work Experience in Sociology (0.5 - 4)	
SWHS 498	Work Experience in Human Services (0.5 - 4)	
TA 498	Work Experience in Theatre Arts (0.5 - 4)	
WEXP 498	Work Experience in (Subject) (0.5 - 4)	
Total Units:		**30**

[1]COMM 311 may be taken only once to complete program requirements.

The Associate in Arts in Law, Public Policy, and Society for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- communicate complex ideas clearly and persuasively in written and oral forms.
- demonstrate knowledge and understanding of public policy.
- evaluate arguments using evidence-based reasoning.
- demonstrate high - level critical thinking and analytical skills.

Career Information

This program is designed as a CSU transfer program for students seeking careers in law, public policy, and government.

Associate Degrees

A.A. in Interdisciplinary Studies: Arts and Humanities

The Interdisciplinary Studies degree is designed for students who seek a greater understanding of disciplines within the arts and humanities. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Arts and Humanities. These courses emphasize the study of cultural, literary, and humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities). Students will learn to value aesthetic understanding and incorporate these concepts when constructing value judgments (Possible majors at a four-year institution include, but are not limited to: Art, English, Foreign Language, Humanities, Linguistics, Music, Philosophy, and Theatre Arts).

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
ART 300	Drawing and Composition I (3)	
ART 302	Drawing and Composition II (3)	
ART 304	Figure Drawing I (3)	
ART 308	Perspective Drawing (3)	
ART 310	Pen and Ink Drawing (3)	
ART 312	Portrait Drawing (3)	
ART 320	Design: Fundamentals (3)	
ART 323	Design: Color Theory (3)	
ART 327	Painting I (3)	
ART 332	Oil Painting (3)	
ART 334	Acrylic Painting (3)	
ART 336	Watercolor Painting (3)	
ART 337	Intermediate Watercolor Painting (3)	
ART 361	Printmaking: Survey (3)	
ART 370	Three Dimensional Design (3)	
ART 372	Sculpture (3)	
ART 373	Intermediate Sculpture (3)	
ART 383	Metal Design: Emphasis In Fabrication (3)	
ART 386	Intermediate Metal Design: Emphasis in Fabrication (3)	
ART 387	Intermediate Metal Design: Emphasis in Forming (3)	
ART 390	Ceramics (3)	
ART 402	Beginning Clay Sculpture (3)	
ART 404	Intermediate Clay Sculpture (3)	
ART 430	Art and Children (3)	
ARTH 300	Art Appreciation (3)	
ARTH 304	Ancient Art (3)	
ARTH 306	Medieval Art (3)	
ARTH 307	Italian Renaissance Art (3)	
ARTH 309	Art Survey: Renaissance to 19th Century (3)	
ARTH 311	Art Survey: Modern Art (3)	
ARTH 312	Women in Art (3)	
ARTH 318	History of American Art (3)	
ARTH 324	Art of the Americas (3)	
ARTH 325	Native American Art History (3)	

Course Code	Course Title	Units
ARTH 328	Survey of African Art (3)	
ARTH 330	Survey of African-American Art (3)	
ARTH 332	Asian Art (3)	
ARTH 333	Introduction to Islamic Art (3)	
ARTH C1100	Survey of Art from Prehistory to the Medieval Era (3)	
COMM 305	Oral Interpretation (3)	
DANCE 380	World Dance History (3)	
ECE 361	Introducing Young Children to Visual Arts (3)	
ECE 363	Music and Movement with Young Children (3)	
ENGCW 400	Creative Writing (3)	
ENGCW 410	Fiction Writing Workshop (3)	
ENGCW 420	Poetry Writing Workshop (3)	
ENGCW 430	Creative Non-Fiction Writing Workshop (3)	
ENGLT 303	Introduction to the Short Story (3)	
ENGLT 305	Introduction to the Novel (3)	
ENGLT 310	English Literature I (3)	
ENGLT 311	English Literature II (3)	
ENGLT 319	Introduction to English Epic Poetry (3)	
ENGLT 320	American Literature I (3)	
ENGLT 321	American Literature II (3)	
ENGLT 330	African American Literature (3)	
ENGLT 339	Postmodern American Fiction (3)	
ENGLT 340	World Literature I (3)	
ENGLT 341	World Literature II (3)	
ENGLT 345	Mythologies of the World (3)	
ENGLT 359	Prison Writings: The Rhetoric of Resistance (3)	
ENGLT 360	Women in Literature (3)	
ENGLT 370	Children and Literature (3)	
ENGLT 402	Introduction to Shakespeare and Film (3)	
ENGL 301	College Composition and Literature (3)	
ENGL 481	Honors College Composition and Literature (3)	
FREN 401	Elementary French (4)	
FREN 402	Elementary French (4)	
FREN 411	Intermediate French (4)	
FREN 412	Intermediate French (4)	

Course Code	Course Title	Units
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
HUM 300	Classical Humanities (3)	
HUM 301	Introduction to the Humanities (3)	
HUM 310	Modern Humanities (3)	
HUM 320	Asian Humanities (3)	
HUM 325	Arts and Humanities of the Islamic World (3)	
HUM 332	American Humanities (3)	
HUM 370	Women and the Creative Imagination (3)	
KINES 309	Sports and Film (3)	
MUFHL 300	Introduction to Music (3)	
MUFHL 308	Introduction to Music: Rock & Roll (3)	
MUFHL 310	Survey of Music History and Literature (Greek Antiquity to 1750) (3)	
MUFHL 311	Survey of Music History and Literature (1750 to the present) (3)	
MUFHL 315	Jazz History (3)	
MUFHL 321	Basic Musicianship (3)	
MUFHL 330	World Music (3)	
MUFHL 400	Music Theory and Musicianship I (4)	
MUFHL 401	Music Theory and Musicianship II (4)	
MUFHL 410	Music Theory and Musicianship III (4)	
MUFHL 411	Music Theory and Musicianship IV (4)	
MUIVI 310	Voice Class I (2)	
MUIVI 345	Beginning Piano I (1 - 2)	
MUIVI 370	Beginning Guitar (2)	
MUP 350	Concert Choir I (2)	
MUP 357	College Chorus (2)	
PHIL 300	Introduction to Philosophy (3)	
PHIL 310	Introduction to Ethics (3)	
PHIL 330	History of Classical Philosophy (3)	
PHIL 331	History of Modern Philosophy (3)	

Course Code	Course Title	Units
PHIL 350	Philosophy of Religion (3)	
PHIL 352	Introduction to World Religions (3)	
PHOTO 302	Beginning Digital Photography (3)	
PHOTO 420	History of Photography (3)	
SILA 305	American Sign Language 1 (4)	
SILA 306	American Sign Language 2 (4)	
SILA 315	American Sign Language 3 (4)	
SILA 316	American Sign Language 4 (4)	
SPAN 401	Elementary Spanish I (4)	
SPAN 402	Elementary Spanish II (4)	
SPAN 411	Intermediate Spanish (4)	
SPAN 412	Intermediate Spanish (4)	
TA 300	Introduction to the Theatre (3)	
TA 302	History and Theory of the Theatre I (3)	
TA 303	History and Theory of the Theatre II (3)	
TA 304	Women in Theatre (3)	
TA 308	Diversity in American Theatre (3)	
TA 340	Beginning Acting (3)	
TA 350	Theory and Techniques of Acting I (3)	
TA 351	Theory and Techniques of Acting II (3)	
TA 422	Stage Lighting (3)	
TAFILM 300	Introduction to Film (3)	
TAFILM 303	History of Film: 1880's through 1950's (3)	
TAFILM 304	History of Film: 1950's to Present (3)	
TAFILM 307	Diversity in American Film (3)	
TAFILM 320	Cinema Genres (3)	
TAFILM 330	Film Making (3)	
TAFILM 360	Screenwriting (3)	
TAFILM 480	Honors Introduction to Film (3)	
TAP 300	Modern Rehearsal and Performance I (1 - 3)	
TAP 310	Modern Technical Production I (1 - 3)	
TAP 320	Classical Rehearsal and Performance I (1 - 3)	
TAP 330	Classical Technical Production I (1 - 3)	
TAP 340	Musical Rehearsal and Performance I (1 - 3)	
TAP 350	Musical Technical Production I (1 - 3)	
TAP 360	Children's Theatre Rehearsal and Performance I (1 - 3)	
TAP 370	Children's Theatre Technical Production I (1 - 3)	
TAP 380	Repertory/Touring Rehearsal and Performance I (1 - 3)	
TAP 390	Repertory and Touring Technical Production I (1 - 3)	

Course Code	Course Title	Units
Total Units:		18

The Interdisciplinary Studies: Arts and Humanities Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities).

A.A. in Interdisciplinary Studies: Communication and English

The Interdisciplinary Studies degree is designed for students who wish a broad knowledge of arts and sciences plus additional coursework in a prescribed “Area of Emphasis”. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Communication and English. These courses emphasize the content of communication as well as the form and should provide an understanding of the psychological basis and the social significance of communication. Students will be able to assess communication as the process of human symbolic interaction. Students will also develop skills in the areas of reasoning and advocacy, organization, accuracy, and reading and listening effectively. Students will be able to integrate important concepts of critical thinking as related to the development of analysis and critical evaluation. Students will also learn to reason inductively and deductively in order to make important decisions regarding life and society at large. (Possible majors at a four-year institution include, but are not limited to: English, communication and philosophy.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
You must select courses from three different disciplines.		
COMM C1000	Introduction to Public Speaking (3)	
COMM 311	Argumentation and Debate (3)	
COMM 315	Persuasion (3)	
COMM 331	Group Discussion (3)	
COMM 361	The Communication Experience (3)	
ENGRD 310	Critical Reading as Critical Thinking (3)	
ENGL C1000	Academic Reading and Writing (3)	
ENGL 301	College Composition and Literature (3)	
ENGL C1001	Critical Thinking and Writing (3)	
PHIL 300	Introduction to Philosophy (3)	
PHIL 320	Logic and Critical Reasoning (3)	
PHIL 325	Symbolic Logic (3)	
Total Units:		**18**

The Interdisciplinary Studies: Communication and English Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- analyze critically, argue persuasively, and communicate clearly (Communication and English).

A.A. in Interdisciplinary Studies: Math and Science

The Interdisciplinary Studies degree is designed for students who wish to obtain a broad knowledge of mathematics and the sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis in" Math and Science. These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of the world's civilizations. Possible majors at a four-year institution include, but are not limited to: mathematics, biology, chemistry, and physical science.

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
ANTH 300	Biological Anthropology (3)	
ANTH 301	Biological Anthropology Laboratory (1)	
ANTH 303	Introduction to Forensic Anthropology (3)	
ASTR C1001	Introduction to Astronomy (3)	
ASTR 310	The Solar System (3)	
ASTR 320	Stars, Galaxies, and Cosmology (3)	
ASTR C1001L	Introduction to Astronomy Lab (1)	
BIOL 300	The Foundations of Biology (3)	
BIOL C1000	Introduction to Biology with Lab (4)	
BIOL 310	General Biology (4)	
BIOL 323	Plants and People (4)	
BIOL 342	The New Plagues: New and Ancient Infectious Diseases Threatening World Health (3)	
BIOL 350	Environmental Biology (3)	
BIOL 370	Marine Biology (4)	
BIOL 400	Principles of Biology (5)	
BIOL 410	Principles of Botany (5)	
or BIOL 411	Plant Science (4)	
BIOL 420	Principles of Zoology (5)	
BIOL 430	Anatomy and Physiology (5)	
BIOL 431	Anatomy and Physiology (5)	
BIOL 440	General Microbiology (4)	
BIOL 442	General Microbiology and Public Health (5)	
CHEM 300	Beginning Chemistry (4)	

Course Code	Course Title	Units
CHEM 305	Introduction to Chemistry (5)	
CHEM 337	Brewing and Beer Chemistry (4)	
CHEM 339	Introduction to Fermentation Chemistry (4)	
CHEM 400	General Chemistry I (5)	
CHEM 401	General Chemistry II (5)	
CHEM 410	Quantitative Analysis (5)	
CHEM 420	Organic Chemistry I (5)	
CHEM 421	Organic Chemistry II (5)	
CISC 311	Survey of Modern Computer Languages (3)	
CISD 351	Data Science Foundations (4)	
CISP 300	Algorithm Design/Problem Solving (3)	
CISP 360	Introduction to Structured Programming (4)	
CISP 400	Object Oriented Programming with C++ (4)	
CISP 401	Object Oriented Programming with Java (4)	
CISP 408	Programming R for Data Analysis and Machine Learning (3)	
CISP 440	Discrete Structures for Computer Science (3)	
ECON 310	Statistics for Business and Economics (3)	
ENGR 420	Statics (3)	
FT 304	Fire Behavior and Combustion (3)	
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems (3)	
GEOG 301	Physical Geography Laboratory (1)	
GEOG 306	Weather and Climate (3)	
GEOG 331	Exploring Maps and Geographic Technologies (3)	
GEOL 300	Physical Geology (3)	
GEOL 301	Physical Geology Laboratory (1)	
GEOL 302	Physical Geology with Lab (4)	
GEOL 305	Earth Science (3)	
GEOL 306	Earth Science Laboratory (1)	
GEOL 310	Historical Geology (3)	
GEOL 311	Historical Geology Laboratory (1)	
GEOL 330	Introduction to Oceanography (3)	
GEOL 345	Geology of California (3)	
MATH 300	Introduction to Mathematical Ideas (3)	
MATH 310	Mathematical Discovery (3)	
MATH 333	College Algebra for Liberal Arts (3)	
MATH 341	Calculus for Business and Economics (4)	
MATH 343	Modern Business Mathematics (4)	
MATH 355	Calculus for Biology and Medicine I (4)	
MATH 356	Calculus for Biology and Medicine II (4)	
MATH 372	College Algebra for Calculus (4)	
or MATH 375	Pre-Calculus (6)	
MATH 373	Trigonometry for Calculus (4)	
MATH 385	Calculus Preparation for STEM (4)	
MATH 400	Calculus I (5)	
MATH 401	Calculus II (5)	
MATH 402	Calculus III (5)	
MATH 410	Introduction to Linear Algebra (3)	
MATH 420	Differential Equations (4)	
NUTRI 300	Nutrition (3)	
NUTRI 302	Nutrition for Physical Performance (3)	
NUTRI 340	Nutrition and Metabolism (3)	
PHYS 310	Conceptual Physics (3)	
PHYS 311	Basic Physics (3)	
PHYS 350	General Physics (4)	
PHYS 360	General Physics (4)	
PHYS 411	Mechanics of Solids and Fluids (4)	
PHYS 421	Electricity and Magnetism (4)	
PHYS 431	Heat, Waves, Light and Modern Physics (4)	
PS 302	Introduction to Physical Science (4)	
PSYC 312	Biological Psychology (4)	
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
STAT C1000	Introduction to Statistics (4)	
Total Units:		**18**

The Interdisciplinary Studies: Math and Science Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- reason quantitatively and empirically (Math and Science).

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies in Social and Behavioral Science degree provides an interdisciplinary approach to academic studies. The purpose of the program is for students to gain an understanding of the interconnectedness of various social and behavioral sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 300	Introduction to Business (3)	
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	
BUS 345	Law and Society (3)	
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
ECON 307	Global Issues in the Political Economy (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 321	African American Policy and Law (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 331	Asian American Policy and Law (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 351	Native American Policy and Law (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
ETHNS 361	Chicana/o/x Latina/o/x Policy and Law (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 314	Recent United States History (3)	
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
KINES 308	Women in Sport (3)	
KINES 416	Psychology of Sport (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	

Course Code	Course Title	Units
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 390	Psychology of Death and Dying (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 300	Introduction to Social Work & Human Services (3)	
SWHS 302	Introduction to Psychology of Human Relations (3)	
Total Units:		**18**

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

A.A. in Interdisciplinary Studies: Pre-Law

The Pre-Law Degree Program introduces the student to the field of legal studies along with its relationship with and influence over closely related areas in business and the social sciences. The Pre-Law Degree Program emphasizes not only the nature of law and legal institutions, but the impact these have on government, politics, economics, business, social groups and institutions, and society as a whole. The Pre-Law major leads to an A.A. degree and consists of many of the courses required to transfer into a related major at a four year college. This program provides students with general knowledge of the legal process, legal philosophy, legal reasoning, and legal institutions. This is not a paralegal or a paraprofessional major but will prepare students for careers within the legal profession.

Degree Requirements

Course Code	Course Title	Units
A minimum of 12 units from the following:		12[1]
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
STAT C1000	Introduction to Statistics (4)	
A minimum of 3 units from the following:		3[2]
ANTH 310	Cultural Anthropology (3)	
BUS 345	Law and Society (3)	
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
A minimum of 3 units from the following:		3
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
A minimum of 6 units from the following:		6
PHIL 300	Introduction to Philosophy (3)	
PHIL 310	Introduction to Ethics (3)	
PHIL 320	Logic and Critical Reasoning (3)	
PHIL 325	Symbolic Logic (3)	
Total Units:		**24**

[1]Students transferring to UC Davis should take SOC 300, SOC 301, SOC 321 and STAT 300. Students interested in transferring to UC Berkeley should take ECON 302, ECON 304, STAT 300 and SOC 300.

[2]Students interested in transferring to UC Berkeley should take POLS 301 or POLS 302.

The Interdisciplinary Studies: Pre-Law Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- recognize the impact that law and legal institutions have on political, economic, and social institutions.
- differentiate various theoretical perspectives on the law and functions law serves in society.
- develop written and verbal communication skills with particular emphasis on the development of effective and persuasive oral and written arguments in the legal arena.
- evaluate arguments using evidence-based reasoning.

Career Information

This degree is primarily a general studies degree emphasizing history, political science, sociology, and writing. It is intended to prepare students for successful transfer to a bachelor's program in one of these fields with the ultimate of entering a graduate program in law.

A.S. in Interdisciplinary Studies: STEM

This degree outlines the general requirements for students wishing to transfer to a four-year college or university in a STEM (Science, Technology, Engineering or Mathematics) major. Students should work closely with their counselor to determine the specific coursework required at their chosen transfer institution.

Degree Requirements

Course Code	Course Title	Units
CHEM 400	General Chemistry I	5
CHEM 401	General Chemistry II	5
MATH 400	Calculus I	5
MATH 401	Calculus II	5
MATH 402	Calculus III	5
MATH 410	Introduction to Linear Algebra	3
MATH 420	Differential Equations	4
A minimum of 12 units from the following:		12
PHYS 350	General Physics (4)	
PHYS 360	General Physics (4)	
PHYS 411	Mechanics of Solids and Fluids (4)	
PHYS 421	Electricity and Magnetism (4)	
PHYS 431	Heat, Waves, Light and Modern Physics (4)	
STAT C1000	Introduction to Statistics (4)	
A minimum of 25 units from the following:		25[1]
BIOL 350	Environmental Biology (3)	
BIOL 400	Principles of Biology (5)	
BIOL 410	Principles of Botany (5)	
or BIOL 411	Plant Science (4)	
BIOL 420	Principles of Zoology (5)	
CHEM 420	Organic Chemistry I (5)	
CHEM 421	Organic Chemistry II (5)	
CISP 310	Computer Architecture and Organization (4)	
CISP 360	Introduction to Structured Programming (4)	
CISP 400	Object Oriented Programming with C++ (4)	
CISP 401	Object Oriented Programming with Java (4)	
CISP 430	Data Structures (4)	
CISP 440	Discrete Structures for Computer Science (3)	
ENGR 303	Introduction to Logic Design (4)	
ENGR 312	Engineering Graphics (3)	
ENGR 400	Introduction to Electrical Circuits and Devices (3)	
ENGR 420	Statics (3)	
STAT C1000	Introduction to Statistics (4)	
Total Units:		69

[1]STAT 300 can only be used in this section if not already used in the previous section.

The Interdisciplinary Studies: STEM Associate in Science (A.S.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- analyze and solve chemical problems.
- test the validity of a hypothesis using the scientific method.
- solve problems using the application of physics and mathematics up through calculus.
- develop efficient algorithms for the solution of structured programming problems.

Certificate of Achievement

Heritage Interpretation Certificate

Heritage Interpretation involves conveying meaningful information about historical, cultural, and natural events or sites to a broad audience. One may have encountered interpretive prose in historical site markers, displays at parks or museums, and written park visitor guides. Park rangers, docents, and tour guides use oral and written interpretation skills. More recently, interpretive skills have been expanding into social media. Students completing this proposed certificate of recognition will be prepared to take an exam to be a Certified Interpretive Guide (C.I.G) from the National Association for Interpretation. Courses in this certificate may also be applied towards associate degree and/or transfer requirements.

Certificate Requirements

Course Code	Course Title	Units
ANTH 300	Biological Anthropology (3)	3
or ANTH 310	Cultural Anthropology (3)	
or ANTH 323	Introduction to Archaeology (3)	
BIOL C1000	Introduction to Biology with Lab (4)	3 - 4
or BIOL 323	Plants and People (4)	
or BIOL 350	Environmental Biology (3)	
HIST 319	American Environmental History (3)	3
or HIST 344	Survey of California History: A Multicultural Perspective (3)	
ANTH 392	Principles of Heritage Interpretation (3)	3
A minimum of 2 units from the following:		2
ANTH 498	Work Experience in Anthropology (0.5 - 4)	
BIOL 380	Natural History Field Studies: Coastal Ecosystems (1)	
BIOL 382	Natural History Field Studies: Desert Ecosystems (1)	
BIOL 384	Natural History Field Study of Forest Ecosystems (1)	
BIOL 386	Natural History Field Studies: Marine Ecosystems (1)	
BIOL 388	Natural History Field Studies: River Ecosystems (1)	
BIOL 389	Natural History Field Studies: Wetland Ecosystems (1)	
HIST 498	Work Experience in History (0.5 - 4)	
WEXP 498	Work Experience in (Subject) (0.5 - 4)	
Total Units:		14 - 15

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- pass the Certified Interpretive Guide exam offered by the National Association for Interpretation.
- interpret information about a historical, cultural, or natural event or site to a diverse audience.
- justify the importance of preserving historical, cultural, and natural resources.

Career Information

Students completing this certificate along with additional coursework may be prepared to seek jobs as an interpretive guide or Interpretive Specialist at parks, museums, historical sites, and cultural centers; K-12 educator; river guide; or in the hospitality industry. This certificate may also fulfill some of the transfer requirements for a bachelor's degree in Public History, Cultural Resources Management, or Natural Resources Management.

Interdisciplinary Studies (INDIS) Courses

INDIS 313 Freshman Seminar

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: 313, HCD 310, HCD 315 and HCD 318 combined: Maximum credit, 3 units)

General Education: Local GE L7B

This course treats success holistically by exploring the interpersonal, intrapersonal, and the "soft" skills needed to be successful in today's world. Students will examine their own educational and/or career goals, and learn how to make strategic decisions about their own learning. Students will evaluate their daily activities, choices, and behaviors while observing their impact on their ability to create habits that contribute to their success. The psychological, sociological and physiological impacts will also be addressed. Students will be required to complete either: 1) eight hours of volunteer service or 2) participate in eight hours of campus life or 3) eight hours of additional classwork reflective of the pathway in which the course is offered.

INDIS 314 Study Skills for Science Disciplines

Units: 0.5

Hours: 27 hours LAB

Prerequisite: None.

Corequisite: Current enrollment in a science course.

Transferable: CSU

This course offers individualized instructional modules designed to improve study strategies appropriate for various science classes and allied health programs. A partial list of skills may include the following: principles of learning and retention, active reading and listening, note taking, annotating, discipline-based vocabulary, paraphrasing, test preparation, test taking, and problem solving. This course is offered in a flexible TBA format of 27 laboratory hours in order to accommodate the student's schedule. Registration is open through the tenth week of the semester. This course is graded on a pass/no pass basis.

INDIS 315 Study Skills for Science Disciplines II

Units: 0.5

Hours: 27 hours LAB

Prerequisite: None.

Corequisite: Current enrollment in a science course.

Transferable: CSU

This course offers individualized instructional modules designed to acquire or improve study strategies for science, allied health, or nutrition courses. Strategies build on prior skills learned in earlier study skills courses, and they include the intensive study cycle, advanced concept mapping, stress management, mastering science vocabulary, improving on note-taking and listening, visual learning, and advanced problem solving. Registration is open through the tenth week of the semester. This course, which is graded Pass/No Pass, is offered in a flexible TBA format of 27 laboratory hours to accommodate the student's schedule.

INDIS 495 Independent Studies in Interdisciplinary Studies

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

This course involves a student working individually on a topic of study and research beyond the scope of regularly offered courses. Upon approval of the proposed topic, the student will work and keep in contact with the advisory faculty to successfully complete the study topic. Students may take this course up to four times without duplication of the topics.

Journalism

Overview

Folsom Lake College's journalism curriculum is designed to introduce students to the writing, reporting, and critical thinking skills required for jobs in the news media or for transfer to a journalism program at a four-year institution.

Division Dean: Francis Fletcher

Department Chair: Paula Cardwell

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Journalism (JOUR) Courses

JOUR 310 Mass Media and Society

Same As: COMM 351

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID JOUR 100

The class will offer a survey of the mass media: history, philosophy, structure and trends, as well as theories, which help to explain effects and the importance of media as a social institution. The course will explore economics, technology, law, ethics, and social issues, including cultural and ethnic diversity. This course is the same as COMM 351; only one of these courses may be taken for credit.

JOUR 340 Writing for Publication

Units: 3

Hours: 54 hours LEC

Prerequisite: ENGL C1000 with a grade of "C" or better

Transferable: CSU

Writing nonfiction for publication with emphasis on developing writing style. The course covers writing for specific audiences, writing magazine and feature articles, researching and interviewing and developing an effective prose style. Students will learn how to write reviews, profiles, personal narratives and longer articles and how to sell them. This course is the same as ENGWR 330, and only one may be taken for credit. See "Cross-Listed Courses" in the catalog.

JOUR 495 Independent Studies in Journalism

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

JOUR 499 Experimental Offering in Journalism

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Kinesiology

Overview

The Folsom Lake College kinesiology curriculum offers a wide variety of courses to accommodate varying fitness levels, interests, and abilities, including: cardiovascular training, strength training, martial arts, mind/body courses like yoga and tai chi, individual sport activities such as archery and tennis, intercollegiate athletics, and lecture courses for aspiring fitness professionals and transfer students.

Students will not only learn how to perform activities with proper technique, but they will learn principles of exercise science and biomechanics which can then be applied to their training. Students should carefully read the course description to determine if it will meet their needs. Many of the courses transfer to both the CSU and UC systems and meet requirements for the degree and certificate programs. However, some four-year colleges and universities limit the number of units they will accept toward the bachelor's degree. Students are advised to see a counselor for assistance in selecting the courses best aligned with their transfer institution.

Degrees Offered

A.A.-T. in Kinesiology

A.S.-T. in Public Health

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Associate Degrees for Transfer

A.A.-T. in Kinesiology

The Associate in Arts in Kinesiology for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Kinesiology at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) Cal-GETC the California General Education Transfer Curriculum (Cal-GETC) Requirement.
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs require that students must earn a "C" or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
KINES 300	Introduction to Kinesiology	3
BIOL 430	Anatomy and Physiology	5

Course Code	Course Title	Units
BIOL 431	Anatomy and Physiology	5
A minimum of 3 units from the following:		3
Select 3 courses, each from a different category listed below.		
Combatives		
FITNS 414	Tai Chi (1)	
Dance		
DANCE 310	Jazz Dance I (1)	
DANCE 312	Jazz Dance II (1)	
DANCE 320	Ballet I (1)	
DANCE 321	Ballet II (1)	
DANCE 330	Modern Dance I (1)	
DANCE 332	Modern Dance II (1)	
DANCE 351	Hip Hop I (1)	
DANCE 352	Hip Hop II (1)	
Fitness		
FITNS 304	Cardio Circuit (1)	
FITNS 306	Aerobics: Cardio-Kickboxing (1)	
FITNS 324	Mat Pilates (1)	
FITNS 326	Mat Pilates II (1)	
FITNS 380	Circuit Weight Training (1)	
FITNS 381	Weight Training (0.5 - 1)	
FITNS 387	Weight Training for Speed, Agility, Quickness: Advanced (1)	
FITNS 388	Weight Training for Speed, Agility, Quickness: Advanced II (1)	
FITNS 390	Basic Yoga (1)	
FITNS 392	Yoga (1)	
FITNS 395	Stretch (1)	
Individual Sports		
PACT 300	Archery I (1)	
PACT 310	Badminton I (1)	
PACT 311	Badminton II (1)	
PACT 390	Tennis I (1)	
PACT 391	Tennis II (1)	
FITNS 400	Body Fitness (Walking or Jogging) (1)	
Team Sports		
TMACT 305	Futsal I (1)	
TMACT 306	Futsal II (1)	
TMACT 320	Basketball (1)	
TMACT 321	Basketball II (1)	
A minimum of 6 units from the following:		6

Course Code	Course Title	Units
List A-Select 2 courses from the following list below.		
STAT C1000	Introduction to Statistics (4)	
or ECON 310	Statistics for Business and Economics (3)	
or PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
CHEM 305	Introduction to Chemistry (5)	
or CHEM 400	General Chemistry I (5)	
PHYS 350	General Physics (4)	
or PHYS 411	Mechanics of Solids and Fluids (4)	
PSYC C1000	Introduction to Psychology (3)	
or SOC 300	Introductory Sociology (3)	
Total Units:		22

The Associate in Arts in Kinesiology for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- utilize the theories of biomechanics and exercise physiology and apply them to sport and fitness pedagogy.
- discuss how sociological, psychological, historical, and philosophical factors influence the field of kinesiology and sport.
- evaluate the unique and overlapping roles of each body system in promoting homeostasis and how such body systems adapt to the demands of activity and sport.
- evaluate anatomical and physiological information and apply findings to decision making.
- assess and measure improvements in fitness levels through a comprehensive analysis of aerobic capacity, body composition, muscular endurance, and flexibility.
- define and understand how to properly execute fitness and sport training techniques.
- FOR STUDENTS CHOOSING THE STAT 300 OPTION: use the concepts of descriptive statistics to display and analyze univariate and bivariate data.
- FOR STUDENTS CHOOSING THE CHEM 305 OR CHEM 400 OPTIONS: apply the basic terminology and nomenclature of elements and compounds relevant to the human body and metabolism.

- FOR STUDENTS CHOOSING THE PHYS 350 OPTION: solve conceptual problems in classical mechanics, fluids, mechanical waves, and thermodynamics.

Career Information

The Kinesiology A.A. for Transfer can provide students with the foundational knowledge necessary for transfer to a 4-year Bachelor of Science (B.S.) or Bachelor of Arts (B.A.) degree program. Career opportunities for students who have earned B.S. or B.A. degrees in Kinesiology include but are not limited to: exercise physiologist, physical therapy aide, health consultant, personal trainer, recreation director, referee, group fitness instructor, health club manager, athletic coach, activities director, K-12 physical educator, public health educator, swimming pool manager, cardiac rehabilitation technician, or corporate fitness director. Some careers may require additional training.

A.S.-T. in Public Health

The Associate of Science in Public Health for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Public Health at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) The California General Education Transfer Curriculum (CAL-GETC).
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A "Pâ€◈ (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
A minimum of 23 units from the following:		23
Required Core (13 units)		
HEED 300	Health Science (3)	
HEED 302	Introduction to Public Health (3)	
STAT C1000	Introduction to Statistics (4)	
or ECON 310	Statistics for Business and Economics (3)	
or PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
BIOL 310	General Biology (4)	
or BIOL 400	Principles of Biology (5)	
or BIOL 430	Anatomy and Physiology (5)	
List A-Select one of the following (4 units)		
CHEM 305	Introduction to Chemistry (5)	
CHEM 400	General Chemistry I (5)	
BIOL 440	General Microbiology (4)	
BIOL 442	General Microbiology and Public Health (5)	
List B-Select one of the following (3 units)		
ECE 314	The Child, the Family and the Community (3)	
SOC 300	Introductory Sociology (3)	
PSYC 320	Social Psychology (3)	
ANTH 310	Cultural Anthropology (3)	
List C- Select one of the following (3 units)		
PSYC 356	Human Sexuality (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC C1000	Introduction to Psychology (3)	
NUTRI 300	Nutrition (3)	
Total Units:		**23**

The Associate in Science in Public Health for Transfer (AS-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply the foundations of public health including historical philosophy, core values, organizational structure, and ethics to local, regional, national, and global societies.
- understand and apply the concepts of epidemiology and evidence based data collection methods and analysis.

- identify, compare, and contrast the factors that contribute to public health disparities.
- define and differentiate between health populations and apply basic approaches that allow for identification of primary health related areas of concern for those populations.
- apply concepts used in community organizing and project planning.

Career Information

The Public Health A.S. for Transfer can provide students with the foundational knowledge necessary for transfer to a 4-year Bachelor of Science (BS) or Bachelor of Arts (BA) degree program. Career opportunities for students who have earned BS or BA degrees in Public Health include but are not limited to: epidemiologist, community health worker, environmental scientist, health educator, health services manager, medical services manager, health specialties teacher, healthcare social worker, mental health and substance abuse social worker, mental health counselor, and natural sciences manager. Some careers may require additional training.

Fitness (FITNS) Courses

FITNS 304 Cardio Circuit

Units: 1

Hours: 54 hours LAB

Course Family: Group Cardio Fitness Training

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course will introduce the student to a cardio circuit form of training, which may combine cardio and resistance training methods and workouts in a circuit format. Students will proceed in an interval format to train all the cardiovascular system along with major muscle groups. Flexibility and core training will also be included in workouts. Students are allowed to bring their own towel and water bottles.

FITNS 306 Aerobics: Cardio-Kickboxing

Units: 1

Hours: 54 hours LAB

Course Family: Group Cardio Fitness Training

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

Cardio-Kickboxing is a cardiovascular workout utilizing kicks, punches, calisthenics and rope jumping to elevate heart rate and strengthen all major muscle groups. Students may need to supply themselves with either hand wraps or kick boxing gloves.

FITNS 324 Mat Pilates

Units: 1

Hours: 54 hours LAB

Course Family: Total Body Sculpting

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

Mat Pilates is a systematic method of mindful and precise conditioning exercises designed to develop core strength, flexibility, and bodily awareness. Through regular practice of the theoretical, philosophical and applied principles of the Pilates method, students can expect to enjoy improved posture, strength, control, balance, flexibility, and concentration. Students will be required to purchase a mat.

FITNS 326 Mat Pilates II

Units: 1

Hours: 54 hours LAB

Course Family: Total Body Sculpting

Prerequisite: FITNS 324 (Mat Pilates) with a grade of "C" or better. Students will be allowed enrollment in this course by completing a pre-test, which includes satisfactory demonstration of 1st level Pilates exercises.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

Mat Pilates II is a 2nd level course developed for the intermediate-level Pilates student. The course will include the basic foundation of mat exercises with the addition of intermediate and advanced level exercises. Routines will include resistance methods of training with focus on development of stronger core muscles. Students will be required to purchase a mat.

FITNS 327 Mat Pilates III

Units: 1

Hours: 54 hours LAB

Course Family: Total Body Sculpting

Prerequisite: FITNS 326 with a grade of "C" or better

Transferable: CSU; UC

This course will use Mat Pilates training for muscle groups through controlled exercises taught at an advanced level. The advanced course is designed to improve in strength, posture, flexibility, and coordination. This course will include resistance methods of training and use of equipment (i.e. fitness balls, resistance bands, etc.) to help build strength and improve mobility.

FITNS 371 Life Fitness Center Training

Units: 0.5 - 1

Hours: 27 - 54 hours LAB

Course Family: Life Fitness Center

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course is designed to empower students to take charge of their personal fitness and wellness through independent workouts in the college fitness center. Students will utilize the facility during open hours to develop and execute their own fitness routines, guided by individual goals and fitness levels. The course will provide foundational knowledge and resources to support effective, self-directed exercise and wellness practices. This course is graded on a Pass/No Pass basis.

FITNS 372 Life Fitness Strength Training

Units: 0.5 - 1

Hours: 27 - 54 hours LAB

Course Family: Life Fitness Center

Prerequisite: FITNS 371

Transferable: CSU; UC

General Education: Local GE L7A

This is a second level course designed to empower students to take charge of their personal fitness and wellness through independent workouts in the college fitness center. Students will utilize the facility during open hours to develop and execute their own fitness routines, guided by individual goals and fitness levels. The course will provide foundational knowledge and resources to support effective, self-directed exercise and wellness practices. This course is graded on a Pass/No Pass basis.

FITNS 373 Life Fitness Center Functional Fitness Training

Units: 0.5 - 1

Hours: 27 - 54 hours LAB

Course Family: Life Fitness Center

Prerequisite: FITNS 372

Transferable: CSU; UC

General Education: Local GE L7A

This is a third level course designed to empower students to take charge of their personal fitness and wellness through independent workouts in the college fitness center. Students will utilize the facility during open hours to develop and execute their own fitness routines, guided by individual goals and fitness levels. The course will provide foundational knowledge and resources to support effective, self-directed exercise and wellness practices. This course is graded on a Pass/No Pass basis.

FITNS 374 Life Fitness Center Cross Training

Units: 0.5 - 1

Hours: 27 - 54 hours LAB

Course Family: Life Fitness Center

Prerequisite: FITNS 373

Transferable: CSU; UC

General Education: Local GE L7A

This is a fourth level course designed to empower students to take charge of their personal fitness and wellness through independent workouts in the college fitness center. Students will utilize the facility during open hours to develop and execute their own fitness routines, guided by individual goals and fitness levels. The course will provide foundational knowledge and resources to support effective, self-directed exercise and wellness practices. This course is graded on a Pass/No Pass basis.

FITNS 380 Circuit Weight Training

Units: 1

Hours: 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

Circuit Weight Training will introduce the student to a fitness program of progressive resistive exercises designed to promote improvement in muscular strength and endurance, cardiovascular endurance, and flexibility, as well as decrease in body fat percentage. The student will move in a prescribed circuit (alternating timed lifting with active recovery) utilizing machines, free weights, cardiovascular activities, and flexibility training.

FITNS 381 Weight Training

Units: 0.5 - 1

Hours: 27 - 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This class is designed to develop muscular fitness through progressive resistance training. Students will set up a personalized weight training program based on fitness assessments and personal goals. Proper lifting technique, safety and program design will be emphasized.

FITNS 384 Weight Training II

Units: 1

Hours: 54 hours LAB

Course Family: Weight Training

Prerequisite: FITNS 381 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L7A

This class is designed to develop muscular fitness through progressive resistance training at an intermediate level. Students will set up a personalized weight training program based on fitness assessments and personal goals. Proper lifting technique, safety and program design will be emphasized.

FITNS 386 Weight Training III

Units: 1

Hours: 54 hours LAB

Course Family: Weight Training

Prerequisite: FITNS 384 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L7A

This class is designed to develop muscular fitness through progressive resistance training at an advanced level. Students will set up a personalized weight training program based on fitness assessments and personal goals. Lifting technique, safety and program design will be emphasized. Proper workout clothing and footwear are required.

FITNS 387 Weight Training for Speed, Agility, Quickness: Advanced

Units: 1

Hours: 54 hours LAB

Course Family: Weight Training

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course provides students with opportunities to improve speed, quickness, and agility through advanced performance training techniques. Students will be required to wear appropriate workout attire and workout shoes.

FITNS 388 Weight Training for Speed, Agility, Quickness: Advanced II

Units: 1

Hours: 54 hours LAB

Course Family: Weight Training

Prerequisite: FITNS 387 with a grade of "C" or better

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course will provide students who have participated in FITNS 387 the opportunity to continue learning advanced training techniques designed to improve performance in the areas of speed, agility, and quickness.

FITNS 390 Basic Yoga

Units: 1

Hours: 54 hours LAB

Course Family: Yoga

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

Basic Yoga is designed to enhance fitness levels,increase physical coordination, improve posture, and improve flexibility for all fitness levels. Basic Yoga is a complete fitness program that utilizes poses (asanas) and breathing (pranayama) to achieve both physical health improvements as well as decrease stress throughout the practice of yoga and meditation.

Students will need to purchase a Yoga mat.

FITNS 392 Yoga

Units: 1

Hours: 54 hours LAB

Course Family: Yoga

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

Yoga is an East Indian method of mind/body exercise designed to stretch, strengthen, and enhance muscle tone through the practice of asanas (poses) and pranayama (breathing exercises). Yoga practice plus meditation helps decrease stress and increase energy levels while improving focus, concentration, and self-realization. Students will be required to purchase a yoga mat.

FITNS 393 Yoga II

Units: 1

Hours: 54 hours LAB

Course Family: Yoga

Prerequisite: FITNS 392 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L7A

This is an intermediate yoga course that allows students to continue to explore and develop their yoga practice, and to learn a deeper focus for stress reduction, and relaxation. This class is designed to advance the practice of the individual through stretching, strengthening, and enhancing muscle tone. This will be done through the practice of advanced asanas (poses) and pranayama (breathing exercises). Yoga practice plus meditation helps decrease stress and increase energy levels while improving focus, concentration, and self-realization. Students will be required to purchase a yoga mat and wear appropriate exercise attire.

FITNS 394 Yoga III

Units: 1

Hours: 54 hours LAB

Course Family: Yoga

Prerequisite: FITNS 393 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L7A

This is an advanced yoga course that allows students to continue to explore and develop their yoga practice, and to learn a deeper focus for stress reduction and relaxation. This class is designed to advance the practice of the individual through stretching, strengthening, and enhancing muscle tone. This will be done through the practice of advanced asanas (poses) and pranayama (breathing exercises). Yoga practice plus meditation helps decrease stress and increase energy levels while improving focus, concentration, and self-realization. Students will be required to purchase a yoga mat and wear appropriate exercise attire.

FITNS 395 Stretch

Units: 1

Hours: 54 hours LAB

Course Family: Mobility Training

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course in stretching will emphasize flexibility training for increased health and well-being through selected exercises designed to increase range of motion in the primary muscle groups and joints of the body. It is designed to improve flexibility, reduce stress and tension, improve coordination, increase range of motion, and prevent injuries. Students who participate in this class will gain a better understanding of how a comprehensive stretching routine will prepare for further vigorous activity such as sports, dance, martial arts, or work-related movements. Students will be required to purchase their own full round, thirty six inch foam roller for the course.

FITNS 400 Body Fitness (Walking or Jogging)

Units: 1

Hours: 54 hours LAB

Course Family: Cardio Fitness

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course promotes physical well-being through physical activity, including but not limited to walking and jogging, to increase cardiovascular fitness, reduce stress and encourage weight control. Attention is given to increasing cardiovascular efficiency, muscular strength, and endurance. The students may be required to use a heart rate monitor for the online course.

FITNS 414 Tai Chi

Units: 1

Hours: 54 hours LAB

Course Family: Martial Arts

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course explores the traditional Chinese fitness exercise of Tai Chi and Qi Gong. Tai Chi is an art of psycho-kinesthetic awareness, mental focus and visualization techniques. Qi Gong is an internal Chinese art that furthers efficient use of physical and psychological energy and breathing techniques that promote a relaxation response, calmness, health, vigor and stress management. It provides for the development of basic skills and techniques that lead toward an integration of the mind-body-spirit trilogy. Various Chinese fitness exercises in relation to health are explored. Principles of Confucianism and Taoism, including a basic review of Tai Chi history and philosophy are discussed. Overall, the physical discipline and structure of Tai Chi movements are emphasized.

FITNS 470 Conditioning I

Units: 0.5 - 1

Hours: 27 - 54 hours LAB

Course Family: High Intensity Training

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course provides students with opportunities to experience sports conditioning and skills through sports performance training techniques. Students will be required to wear appropriate workout attire and shoes.

FITNS 471 Conditioning II

Units: 1

Hours: 27 - 54 hours LAB

Course Family: High Intensity Training

Prerequisite: FITNS 470 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L7A

This course provides students with opportunities to improve sports conditioning and skills through advanced level 1 sports performance training techniques. Students will be required to wear appropriate workout attire and shoes.

FITNS 495 Independent Studies in Fitness

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

FITNS 499 Experimental Offering in Fitness

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Kinesiology (KINES) Courses

KINES 300 Introduction to Kinesiology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL 110

Transferable: CSU; UC

General Education: Local GE L7B

C-ID: C-ID KIN 100

This introductory course presents an interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology, including sport history, philosophy, pedagogy, sociology, and psychology will be discussed. The student will be introduced to career opportunities in the areas of teaching, coaching, athletic training, fitness, sport management, research, health, and recreation. Students taking the online or hybrid versions of the course will need access to a computer, the internet, and word processing software.

KINES 308 Women in Sport

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4

This course provides students with a chronological history, analysis and interpretation of people, events, and issues that affect women in sport, in past and present day society. Physiological, sociological and psychological aspects of female athletes as related to sports, history, and education will be covered. Students will gain an understanding of the significant events of women in athletics from the past to the present and how their significance will determine the future of women in sports.

KINES 309 Sports and Film

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course looks to analyze how cultural, political, historical, and psychological dimensions of sport and movement are illustrated and portrayed in film and documentaries. The objective of this course will be to critically examine various films for the purpose of exposing the underlying themes that illuminate the role of sports in society. We will examine the complex representations of race, class, gender, identity, power, body image, and social justice within the art form.

KINES 416 Psychology of Sport

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Local GE L7B

This course will explore the theoretical perspectives and research methods in psychology of sport. The course will also examine current and historical concepts of sport and fitness psychology, as well as the role these concepts play in the achievement of optimal performance in sports and in life. There will be an emphasis on understanding the psychological process involved in human performance through a multicultural lens, models of intervention to improve learning and performance conditions, and strategies to enhance peak performance outcomes in sport. Additional topics will include: goal setting, motivation, physiological factors, peak performance, focus and concentration techniques, and visualization.

KINES 498 Work Experience in Kinesiology

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: ENROLLMENT LIMITATION: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a

computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

KINES 499 Experimental Offering in Kinesiology

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Personal Activity (PACT) Courses

PACT 300 Archery I

Units: 1

Hours: 54 hours LAB

Course Family: Archery

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course in target archery shall emphasize basic skill development and practice in the various shooting techniques of the recurve bow and arrow. Topics will include safety and range procedures, correct shooting form, scoring, use of the mechanical sight, and methods for developing the physical and mental strategies necessary for improved shooting performance. The student shall gain an appreciation for the sport of archery as a lifetime leisure pursuit. Students will be required to purchase arm guards and fingers tabs.

PACT 310 Badminton I

Units: 1

Hours: 54 hours LAB

Course Family: Badminton

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course provides a review of basic fundamentals, techniques and rules. The emphasis is on skills and techniques such as play strategies for singles and doubles and shot selection for various play situations.

Students are required to wear proper footwear for athletic activity as well as appropriate work-out attire.

PACT 311 Badminton II

Units: 1

Hours: 54 hours LAB

Course Family: Badminton

Prerequisite: PACT 310 (Badminton I) with a grade of "C" or better, OR by instructor consent.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course provides instruction in intermediate skills, techniques, and rules of badminton. It emphasizes skill and technique development beyond that of a beginning player, as well as intermediate strategies for singles and doubles.
Students are required to wear appropriate athletic attire, including non-marking athletic shoes.

PACT 390 Tennis I

Units: 1

Hours: 54 hours LAB

Course Family: Tennis

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

Tennis covers skills, rules, etiquette, and strategies of the game. Beginning tennis develops efficiency of basic skills such as ground strokes, serving, volleying, elementary strategies, and game rules. Intermediate tennis develops refinement of playing skills and strategies. Tennis stimulates enjoyable, cooperative, and competitive modes of behavior and promotes awareness of physical activity for lifelong health and fitness. Students will need to bring a tennis racket and tennis balls to class.

PACT 391 Tennis II

Units: 1

Hours: 54 hours LAB

Course Family: Tennis

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course reviews and builds upon basic fundamentals, techniques, rules, and social courtesies of tennis. Intermediate level players are encouraged to take this course. A can of tennis balls, a racket, water bottle, and suitable tennis attire are required to be purchased by students.

PACT 393 Tennis III

Units: 1

Hours: 54 hours LAB

Course Family: Tennis

Prerequisite: PACT 391 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L7A

This course focuses on improving and refining the physical and mental skills and techniques of tennis. Particular attention is given to strategic development of the player, while refining the racket skills that set up and finish points. Developing patterns, serving placement, and tactical court positioning are introduced and developed. A can of tennis balls, a racket, water bottle, and suitable tennis attire are required.

PACT 430 Pickleball I

Units: 1

Hours: 54 hours LAB

Course Family: Pickleball

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course covers basic technique of strokes, rules of play, simple strategies, and the etiquette of pickleball. A pickleball paddle and pickleball balls may be required for this course.

PACT 431 Pickleball II

Units: 1

Hours: 54 hours LAB

Course Family: Pickleball

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7A

This course reviews basic fundamentals, techniques, rules, and social courtesies of pickleball. It emphasizes skill and technique development beyond that of a beginning player, as well as intermediate strategies for singles and doubles. A pickleball paddle and pickleball balls may be required for this course.

PACT 432 Pickleball III

Units: 1

Hours: 54 hours LAB

Course Family: Pickleball

Prerequisite: PACT 431 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L7A

This course focuses on improving and refining the physical and mental skills and techniques of pickleball. Particular attention is given to strategic development of the player, while refining the paddle skills that set up and finish points. Developing patterns, dink placement, and tactical court positioning are introduced and developed. A pickleball paddle and pickleball balls may be required for this course.

PACT 495 Independent Studies in Personal Activity

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

PACT 499 Experimental Offering in Personal Activity

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Sports (SPORT) Courses

SPORT 90 Academic Study Skills for Student Athletes

Units: 0.5 - 1

Hours: 27 - 54 hours LAB

Prerequisite: None.

This lab course is an open-entry/open-exit course designed to assist student athletes in acquiring basic study skills and work habits to gain success in the classroom. In addition, the student-athlete will learn and apply time and stress management techniques, note taking techniques, and test taking techniques. Students may enroll in this open-entry/open-exit course up to the eighth week of the semester. Students must complete 27 hours of work to earn 0.5 unit of credit per semester. This course is graded on a Pass/No Pass basis.

SPORT 91 Academic Study Skills for Student Athletes

Units: 0.5 - 1

Hours: 27 - 54 hours LAB

Prerequisite: None.

This lab course is being offered as an open-entry/open- exit course designed to assist student athletes in acquiring basic study skills and work habits to gain success in the classroom. Memory and visualization techniques, "muscle" reading, and learning styles will be included. Students may enroll in this open-entry/open-exit course up to the eighth week of the semester. Students must complete 27 hours of work to earn 0.5 unit of credit per semester. This course is graded on a Pass/No Pass basis.

SPORT 92 Academic Study Skills for Student Athletes

Units: 0.5 - 1

Hours: 27 - 54 hours LAB

Prerequisite: None.

Enrollment Limitation: Must be a student-athlete registered in an intercollegiate sport at Folsom Lake College.

This lab course is being offered as an open-entry/open-exit course designed to assist all student athletes especially the at-risk student athlete in acquiring basic study skills and work habits to gain success in the classroom. In addition, the student-athlete will learn about the rules and regulations for the local governing conference, California Community College Athletic Association (CCCAA), National Collegiate Athletic Association (NCAA), and National Association of Intercollegiate Athletics (NAIA). Academic and athletic requirements at each organizational level will be presented. Social issues that affect athletics will also be discussed such as performance enhancement drugs (PEDs), substance abuse, violence, athletes with disabilities, and diversity). Students may enroll in this open-entry/open-exit course up to the eighth week of the semester. Students must complete 27 hours of work to earn 0.5 unit of credit per semester. This course is graded on a Pass/No Pass basis.

SPORT 93 Academic Study Skills for Student Athletes

Units: 0.5 - 1

Hours: 27 - 54 hours LAB

Prerequisite: None.

Enrollment Limitation: Must be a student-athlete registered in an intercollegiate sport at Folsom Lake College.

This course is being offered as an open- entry/open-exit course designed to assist the at-risk student athlete in acquiring basic study skills and work habits to gain success in the classroom. Learning from your mistakes and using your critical thinking skills will be presented. Students may enroll in this open-entry/open-exit course up to the eighth week of the semester. Students must complete 27 hours of work to earn 0.5 unit of credit per semester. This course is graded on a Pass/No Pass basis.

SPORT 94 Academic Study Skills for Student Athletes

Units: 0.5 - 1

Hours: 27 - 54 hours LAB

Prerequisite: None.

This course is being offered as an open- entry/open-exit course designed to assist the veteran student athletes in acquiring advanced study skills and work habits to gain success in higher level courses. Planning for the future and using critical thinking skills will be presented. Students may enroll in this open-entry/open-exit course up to the eighth week of the semester. Students must complete 27 hours of work to earn 0.5 unit of credit per semester. This course is graded on a Pass/No Pass basis.

SPORT 95 Academic Study Skills for Student Athletes

Units: 0.5 - 1

Hours: 27 - 54 hours LAB

Prerequisite: None.

This course is being offered as an open- entry/open-exit course designed to assist the veteran student athletes in acquiring study skills and work habits to succeed in the 4 year University classroom. Planning for the future and using critical thinking skills will be presented. Students may enroll in this open-entry/open-exit course up to the eighth week of the semester. Students must complete 27 hours of work to earn 0.5 unit of credit per semester. This course is graded on a Pass/No Pass basis.

SPORT 300 Baseball, Intercollegiate-Men

Units: 3

Hours: 175 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: any or all PE courses combined: maximum credit, 4 units)

General Education: Local GE L7A

This is an advanced baseball team activity that provides competition with other community college teams. Fundamentals, rules, and individual and /or team strategies appropriate to intercollegiate athletics competition will be expected of the competitors. For practices students may be required to provide their own glove, cleats, a bat, and appropriate baseball attire. This course may be taken four times for credit.

SPORT 301 Off Season Conditioning for Baseball

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of baseball. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. Students will need to provide appropriate baseball attire, cleats, a mitt, and a bat. This course may be taken four times for credit.

SPORT 303 Pre-Season Conditioning for Baseball

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course is designed to optimize sports performance and reduce risk of injury for the pre-season intercollegiate athlete in the sport of baseball. Course content includes sport-specific skill development, sport-specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. Students will need to provide appropriate baseball attire, cleats, a mitt, and a bat. This course may be taken up to four times for credit.

SPORT 311 Basketball, Intercollegiate-Men, Fall

Units: 1.5

Hours: 88 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This is an advanced course designed to provide specialized training for competition with other community college teams. Demonstration of fundamental and advanced skills, adherence to the rules and etiquette of basketball, and execution of team strategy will be expected of all students. This course will encompass the pre-season, tournament, and non-league portion of the season. Students will travel to away games. This course may be taken up to four times for credit.

SPORT 312 Basketball, Intercollegiate-Men, Spring

Units: 1.5

Hours: 88 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This is an advanced course designed to provide specialized training for competition with other community college teams. Demonstration of fundamental and advanced skills, adherence to the rules and etiquette of basketball, and execution of team strategy will be expected of all students. This course will encompass the pre-season, tournament, and non-league portion of the season. Students will be required to travel to away games. This course may be taken up to four times for credit.

SPORT 313 Off Season Conditioning for Basketball

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of basketball. Topics include college-level basketball-specific skill development, sport specific strength training, agility work, plyometrics, speed training, and flexibility exercises. Students will need to provide themselves with basketball attire and appropriate basketball shoes. This course may be taken up to four times for credit.

SPORT 314 Pre-Season Conditioning for Basketball

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take the SPORT 314 class, each student must: 1) be listed as a student athlete by the head coach on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all of these PE Activity courses combined: maximum credit, 4 units)

General Education: Local GE L7A

This kinesiology course involves a combination of skill development and strategy tactics with an emphasis on a fitness component for the sport of basketball. The course will also offer a mental training component for peak performance. Students will need to provide their own athletic attire and appropriate basketball shoes. This course is designed to prepare students for intercollegiate basketball competition and may be taken a maximum of 4 times for credit.

SPORT 316 Basketball, Intercollegiate-Women, Fall

Units: 1.5

Hours: 88 hours LAB

Prerequisite: None.

Enrollment Limitation: Prior to enrollment, the student must demonstrate intercollegiate athletic skills as determined by a try-out conducted by the coaching staff.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This is an advanced course designed to provide specialized training for competition with other community college teams. Demonstration of fundamental and advanced skills, adherence to the rules and etiquette of basketball, and execution of team strategy will be expected of all students. This course will encompass the pre-season, tournament, and non-league portion of the season. Students will travel to away games and will need to provide appropriate basketball attire and shoes. This course may be taken up to four times.

SPORT 317 Basketball, Intercollegiate-Women, Spring

Units: 1.5

Hours: 87 hours LAB

Prerequisite: SPORT 316 with a grade of "C" or better

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This is an advanced course designed to provide specialized training for competition with other community college teams. Demonstration of fundamental and advanced skills, adherence to the rules and etiquette of basketball, and execution of team strategy will be expected of all students. This course will encompass the regular season, tournament, and non-league portion of the season. Student will be required to travel to away games and will need to provide basketball appropriate clothing and shoes. This course may be taken up to four times.

SPORT 318 Post-Season Conditioning for Basketball

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take the SPORT 318 class, each student must: 1) be listed as a student athlete and on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. Student should contact instructor for required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC

General Education: Local GE L7A

This course is designed to optimize sports performance for the post-season intercollegiate athlete in the sport of basketball. This course will focus on the development of individual basketball skills and team strategies, as well as instruction in strength training, agility work, plyometrics, and injury prevention techniques. This course is designed for intercollegiate basketball athletes and may be taken for a maximum of 4 units to meet California Community College Athletic Association requirements for eligibility.

SPORT 350 Soccer, Intercollegiate-Men

Units: 3

Hours: 175 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course is an advanced soccer team activity for male student athletes which provides an opportunity for competition against other community college teams. This course is designed to build student athletes' soccer fundamentals and skills, review rules, and teach individual and/or team strategies appropriate to intercollegiate athletics competition. Students will be required to purchase soccer cleats and shin guards. This course may be taken four times for credit.

SPORT 351 Off-Season Conditioning for Men's Soccer

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course covers off-season training and conditioning skills and techniques specific for intercollegiate soccer. Topics include skill development, strength training, cardiovascular conditioning, and speed training. Students will need to provide appropriate soccer attire, soccer cleats, and shin guards. This course may be taken up to four times for credit.

SPORT 352 Off-Season Conditioning for Women's Soccer

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course covers off-season training and conditioning skills and techniques specific for intercollegiate soccer. Topics include skill development, strength training, cardiovascular conditioning, and speed training. Students will need to provide themselves with appropriate soccer attire, soccer cleats, and shin guards. This course may be taken four times for credit.

SPORT 355 Soccer, Intercollegiate-Women

Units: 3

Hours: 175 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course is an advanced soccer team activity for female student athletes which provides an opportunity for competition against other community college teams. This course is designed to build student athletes' soccer fundamentals and skills, review rules, and teach

individual and/or team strategies appropriate to intercollegiate athletics competition. Students will be required to purchase soccer cleats and shin guards. This course may be taken four times for credit.

SPORT 357 Pre-Season Conditioning For Women's Soccer

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course covers pre-season training and conditioning skills and techniques specific for intercollegiate soccer. Topics include skill development, strength training, cardiovascular conditioning, and speed training. Students will need to provide appropriate soccer attire, soccer cleats, and shin guards. This course may be taken four times for credit.

SPORT 358 Pre-Season Conditioning for Men's Soccer

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course covers pre-season training and conditioning skills and techniques specific for intercollegiate soccer. Topics include skill development, strength training, cardiovascular conditioning, and speed training. Students will need to provide appropriate soccer attire, soccer cleats, and shin guards. This course may be taken four times for credit.

SPORT 365 Softball, Intercollegiate-Women

Units: 3

Hours: 175 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This is an advanced softball team activity that provides competition with other community college teams. Fundamentals, rules, and individual and/or team strategy appropriate to intercollegiate athletic competition will be expected of the student. For practices students may be required to provide their own glove, cleats, and appropriate softball attire. This course may be taken four times for credit.

SPORT 366 Off Season Conditioning for Softball

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course involves sport specific training and conditioning skills and techniques. There is a concentration of basic concepts with emphasis on conditioning. This course is designed to prepare students for intercollegiate softball. Students will be required to provide their own bat, glove, cleats, and appropriate softball attire. This course may be taken up to four times.

SPORT 368 Pre-Season Conditioning for Softball

Units: 0.5

Hours: 27 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course is designed to optimize sports performance and reduce the risk of injury for the pre-season intercollegiate athlete in the sport of softball. Course content includes softball fundamental skills development, strength training, cardiovascular conditioning, agility, plyometric, speed training, and flexibility exercises. Students will be required to provide their own bat, glove, cleats, and appropriate softball attire. This course may be taken up to four times for credit.

SPORT 380 Tennis, Intercollegiate-Men

Units: 3

Hours: 175 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This is an advanced tennis team activity for male students that provides competition with other community college teams. Knowledge of tennis fundamentals, rules, and individual and/or team strategies appropriate to intercollegiate athletic competition will be expected of competitors. This course may be taken four times for credit. Students may be required to provide their own tennis racquets.

SPORT 385 Tennis, Intercollegiate-Women

Units: 3

Hours: 175 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This is an advanced tennis team activity for female students that provides competition with other community college teams. Knowledge of tennis fundamentals, rules, and individual and/or team strategies appropriate to intercollegiate athletic competition will be expected of competitors. This course may be taken four times for credit. Students may be required to provide their own tennis racquets.

SPORT 386 Off Season Conditioning for Tennis

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course prepares the intercollegiate tennis player for the competitive season and is intended to reduce the risk of injury. Course content includes collegiate level tennis specific skill developement, aerobic conditioning, sport specific strength training, agility, plyometrics, speed training, and joint flexibility along with associated activities to prepare the athlete physically and mentally. Student will be required to provide their own racket and tennis appropriate attire. This course may be taken up to four times.

SPORT 403 Pre-Season Conditioning for Volleyball

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course involves a combination of skill development and strategy tactics with an emphasis on a fitness component for volleyball. The course will also offer a mental training component for peak performance. This course is designed to prepare students for intercollegiate volleyball competition. Students will be required to provide appropriate volleyball attire, shoes, and kneepads. This course may be taken up to four times.

SPORT 405 Volleyball, Intercollegiate-Women

Units: 3

Hours: 175 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This is an advanced, competitive volleyball team activity that provides competition with other community college teams. Fundamentals, rules, and individual and/or team strategy appropriate to intercollegiate athletic competition will be expected of the competitors. Students will be required to provide their own volleyball appropriate attire, shoes, and knee pads. This course may be taken four times for credit.

SPORT 406 Off Season Conditioning for Volleyball

Units: 0.5 - 3

Hours: 27 - 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course provides training and technical skill development specific to the sport of volleyball for off-season student-athletes. Topics include skill development, strength training, cardiovascular conditioning, agility

work, plyometrics, speed training, and flexibility exercises. Students will be required to provide appropriate volleyball attire, shoes, and kneepads. This course may be taken up to four times for credit.

SPORT 408 Intercollegiate Beach Volleyball

Units: 3

Hours: 162 hours LAB

Prerequisite: None.

Enrollment Limitation: In order to take this class, each student must: 1) be listed as a student athlete, by the head coach, on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course is an advanced beach volleyball team activity for female student athletes which provides an opportunity for competition against other community college teams. This course is designed to build student athletes' beach volleyball fundamentals and skills, review rules, and teach individual and/or team strategies appropriate to intercollegiate athletics competition. This course offers students the opportunity to train and develop necessary skills needed to compete in intercollegiate beach volleyball. This course may be taken four times for credit.

Team Activity (TMACT) Courses

TMACT 305 Futsal I

Units: 1

Hours: 54 hours LAB

Course Family: Soccer

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This is an introductory course designed to review and practice the fundamental skills relative to the game of Futsal. Students will learn the basic rules of Futsal, which is a derivative of soccer and played with five-player teams on a basketball court, with no walls and a low bouncing ball.

TMACT 306 Futsal II

Units: 1

Hours: 54 hours LAB

Course Family: Soccer

Prerequisite: TMACT 305 with a grade of "C" or better

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This course covers the intermediate-level player knowledge and skills needed to play futsal, with an emphasis in defending, attacking tactics and technical ability. It also covers the skills, strategy, and rules that govern the play of futsal.

TMACT 320 Basketball

Units: 1

Hours: 54 hours LAB

Course Family: Basketball

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

This is a beginning basketball course. Instruction, demonstration, and participation will provide the student with ample knowledge of beginning level basketball. This course will cover the individual fundamental skills of basketball, including: shooting, passing, ball-handling, individual defense, and rebounding. Rules, tactics, and etiquette of the game will be introduced.

TMACT 321 Basketball II

Units: 1

Hours: 54 hours LAB

Course Family: Basketball

Prerequisite: TMACT 320 with a grade of "C" or better

Transferable: CSU; UC (UC credit limitation: Any or all PE Activity courses combined: maximum credit, 4 units.)

General Education: Local GE L7A

Learning, Tutoring, and Academic Technology

Overview

Folsom Lake College's learning, tutoring, and academic technology courses are designed to help students become more effective at solving academic problems across the disciplines. All courses are grounded in practice. Students receive coaching on problem solving and advanced study skills while working on their assigned coursework. These courses feature extensive opportunities for peer-to-peer interaction. Many students find that this collaborative format motivates them to academic success.

Division Dean: Francis Fletcher

Department Chair: Sam Raskin

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Learning, Tutoring, and Academic Technology (LTAT) Courses

LTAT 30 Study Skills for Mathematics

Units: 0.5

Hours: 27 hours LAB

Prerequisite: None.

Corequisite: Current enrollment in a Math or Statistics course.

This course offers individualized instructional modules designed to improve study strategies appropriate for various Math and/or Statistics classes. A partial list of skills may include the following: principles of learning and retention, active reading and listening, note taking, annotating, discipline-based vocabulary, paraphrasing, test preparation, test taking, and problem solving. This course is offered in a flexible TBA format of 27 laboratory hours in order to accommodate the student's schedule. Registration is open through the tenth week of the semester. This course is graded on a pass/no pass basis.

This is an intermediate basketball course. Instruction, demonstration, and participation will provide the student with an understanding of intermediate level basketball. This course will cover intermediate level skills and tactics of basketball.

LTAT 31 Study Skills for Mathematics II

Units: 0.5

Hours: 27 hours LAB

Prerequisite: None.

Corequisite: Current enrollment in a Math or Statistics course.

This course offers individualized instructional modules designed to improve study strategies appropriate for various Math and/or Statistics classes. A partial list of skills may include the following: principles of learning and retention, active reading and listening, note taking, annotating, discipline-based vocabulary, paraphrasing, test preparation, test taking, and problem solving. This course is offered in a flexible TBA format of 27 laboratory hours in order to accommodate the student's schedule. Registration is open through the tenth week of the semester. This course is graded on a pass/no pass basis.

LTAT 310 Introduction to Individual Peer Tutoring

Units: 1

Hours: 18 hours LEC

Prerequisite: None.

Transferable: CSU

This course is designed to familiarize the student with the role of the tutor and methods of effective tutoring. This course emphasizes evidence-based, collaborative, interactive approaches to learning.

LTAT 1000 Supervised Tutoring

Units: 0

Prerequisite: None.

Enrollment Limitation: Student must be enrolled in a college credit course and be referred to tutoring by an instructor or counselor.

This course offers individualized and/or group tutoring that is designed to assist students to increase their success in college courses. Content will vary depending upon the adjunct course. Attention will be given to discipline specific study skills and utilization of campus resources.

Library

Overview

The Folsom Lake College library curriculum teaches vital research skills that enable students to achieve success in their college classes, careers, and day-to-day lives. Students will gain "research survival skills" to cope with the information-rich environment in which we live. They will develop the ability to access information from a broad range of resources and to evaluate this information and its sources. Course study will include information from print, online subscription databases, and the internet.

FLC Librarians also offer non-credit library instruction sessions demonstrating the use of library resources and the internet. Please stop by the reference desk to pick up a helpful handout, obtain individual assistance, or for more information.

Division Dean: Francis Fletcher

Department Chair: Megan Ozeran

Phone: (916) 608-6613

Email: fletchf@flc.losrios.edu

Library (LIBR) Courses

LIBR 318 Library Research and Information Literacy

Units: 1

Hours: 18 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L7B

This course provides students with the information literacy skills necessary to conduct research. Students will learn about the research process, including developing search strategies, finding relevant sources, and critically evaluating information. The skills acquired in this course are applicable to academic research, on-the-job research, and lifelong learning.

LIBR 499 Experimental Offering in Library

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Management

Overview

Folsom Lake College's broad-based management curriculum offers introductory and specialized courses ranging from studies of standard corporate organization to analyzing the small business. Managers help organizations achieve their objectives through effective planning, organizing, directing, and controlling. The management program attempts to develop an understanding of the importance and diversity of its related fields.

This program prepares students for entry into a company management training program and upgrades the skills of those already working in industry, allowing them to advance to supervisory positions. Students planning vocations in personnel services or analyst positions in state or federal government service should also consider this degree program.

Degrees and Certificates Offered

A.A. in Public Management/Civil Service

Public Management/Civil Service Certificate

Division Dean: Carlos Lopez

Department Chair: Jennifer Black

Phone: (916) 608-6849

Email: lopezc@flc.losrios.edu

Associate Degree

A.A. in Public Management/Civil Service

This program is designed for students interested in careers in state, county, or municipal governments and community-based nonprofit organizations. The curriculum focuses on various competency areas for those wishing either to upgrade their managerial skills or enhance their existing abilities. This program prepares students for careers in civil service. The courses in the program are transferable to the CSU system.

Degree Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting	4

Course Code	Course Title	Units
ACCT 311	Managerial Accounting	4
BUS 340	Business Law	3
COMM C1000	Introduction to Public Speaking	3
ECON C2002	Principles of Macroeconomics	3
STAT C1000	Introduction to Statistics	4
Total Units:		**21**

The Public Management/Civil Service Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- provide a comprehensive introduction of the theoretical and practical field of public management.
- develop an understanding of the role of the public manager as it relates to organizational relations, leadership, ethics, fiscal management and policy-making.
- develop an understanding of the political, intergovernmental, and external environments in which public managers operate.
- enhance the students' academic writing skills for public sector employment.
- prepare students with the skills and knowledge to work in the public and nonprofit sectors.

Career Information

Program career opportunities include entry level public and non-profit agency careers including Public or Civil Service Program Analyst, Public or Civil Service Program Specialist, Public or Civil Service Program Officer, Non-Profit Agency Worker, Auditor, and Non-Profit Agency Assistant Director.

Certificate of Achievement

Public Management/Civil Service Certificate

This program is designed for students interested in careers in state, county, or municipal governments and community based non-profit organizations. The curriculum focuses on various competency areas for those wishing either to upgrade their managerial skills or enhance their existing abilities. This program prepares students entering Civil Service careers.

Certificate Requirements

Course Code	Course Title	Units
ACCT 301	Financial Accounting (4)	4
ACCT 311	Managerial Accounting	4
BUS 300	Introduction to Business	3
MGMT 362	Techniques of Management	3
A minimum of 3 units from the following:		3
MGMT 372	Human Relations and Organizational Behavior (3)	
POLS C1000	American Government and Politics (3)	
PRJMGT 300	Introduction to Project Management (3)	
MGMT 498	Work Experience in Management (0.5 - 4)	
Total Units:		**17**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- identify the various types of public and Civil Service agencies; their administrative structures, lines of authority, roles and accountability.
- define the various levels, roles and concepts, and functions of public management and Civil Service.
- describe the political, intergovernmental and environmental, and ethical impacts facing public managers.
- distinguish the various federal, state and local fiscal planning cycles and their implications for policy making and program evaluation.
- review the development and management of government budgets, including budget formats, budget cycles, budget processes, operating budgets, analysis of revenue and expenditures, related expenditure controls, and cash management and accounting.

Career Information

Program career opportunities include entry level public and non-profit agency careers including Public or Civil Service Program Analyst, Public or Civil Service Program Specialist, Public or Civil Service Program Officer, Non-Profit Agency Worker, Auditor, and Non-Profit Agency Assistant Director.

Management (MGMT) Courses

MGMT 310 Introduction to Public Management

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This course provides an introduction to the field of public management. It introduces students to the fundamental components of public management including public organizational relations and roles, leadership, ethics, fiscal management and policy making. It also addresses the political, intergovernmental, and external environments in which public managers function.

MGMT 315 Government Relations and Policy Development

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This course provides a practical overview of the public policy process and its implication for government decision-making. It explores a number of concepts associated with policy analysis and aims to provide students with practical hands-on skills that can be used in a variety of policy settings. Topics covered in this course will include policy writing and research, political lobbying, the legislative process, stakeholder consensus building, and ethics in policy making.

MGMT 362 Techniques of Management

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This course is designed for entrepreneurs and other managers as well as those entering mid-management positions. It focuses on primary management functions of planning, organizing, controlling, and leading. Related skills such as time management, cost control, performance evaluation, motivation, communication techniques, and the social responsibility of managers are also emphasized. The course provides a clear understanding of management and leadership tasks as well as skill development in essential management activities.

MGMT 372 Human Relations and Organizational Behavior

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This course emphasizes the psychology of human relations management. It covers human interaction principles that build confidence, competence, leadership and management plans and positive attitudes in work organizations. Topics include the basis for human behavior, perception, communication, motivation, performance improvement, group behavior, negotiation, ethics and social responsibility.

MGMT 495 Independent Studies in Management

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

Please see the current catalog.

MGMT 498 Work Experience in Management

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

MGMT 499 Experimental Offering in Management

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Manufacturing and Industrial Technology

Division Dean: Dr. Lorena Navarro

Department Chair: Zack Dowell

Phone: (916) 608-6615

Email: navarrl@flc.losrios.edu

Overview

The Manufacturing and Industrial Technology (MITECH) program provides engineering principles and technical skills for the manufacture of products and related industrial processes. Processes include shaping and forming operations, materials handling, instrumentation, controls, quality control, Computer Aided Manufacturing (CAM), and robotics. Optimization theory, industrial and manufacturing planning, and related management skills are also included in the discipline. The MITECH program offers several pathways through four certificates of achievement and one associate's degree to gain important job readiness skills in four areas of emphasis, Quality Technician. CAD/CAM Programming, Production Planning, and Manufacturing and Industrial Technology. The curriculum of the program is aligned with the Society of Manufacturing Engineers (SME) Certified Manufacturing Technologist (CMfgT) list of core competencies. The program also supports the foundational skills for those planning to transfer to a four-year degree pathway related to manufacturing/industrial process and eventual SME Certified Manufacturing Engineering (CMfgE) goals through further study.

Degrees and Certificates Offered

A.S. in Manufacturing and Industrial Technology

CAD/CAM Programming Certificate

Manufacturing and Industrial Technology Certificate

Production Planning Certificate

Quality Technician Certificate

Associate Degree

A.S. in Manufacturing and Industrial Technology

The Associate of Science Degree in Manufacturing and Industrial Technology prepares the student with engineering principles and technical skills for the manufacture of products and related industrial processes. Rooted in standards defined by the Society of Manufacturing Engineers (SME) the program is intended to provide Career Technical Education related to engineering principles, technical skills, and industrial processes for the manufacture of products. Subjects of study include shaping, forming operations, materials handling, instrumentation, and controls. The program covers concepts related to quality control, Computer Aided Manufacturing (CAM), and the use of industrial robotics. Optimization theory, industrial and manufacturing planning, and related management skills are also included in this program.

Degree Requirements

Course Code	Course Title	Units
BUS 310	Business Communications	3
CHEM 305	Introduction to Chemistry (5)	5
or CHEM 400	General Chemistry I (5)	
ENGR 312	Engineering Graphics	3
MAKR 110	3D Design for Additive Manufacturing	3
MATH 375	Pre-Calculus	6

Course Code	Course Title	Units
MGMT 372	Human Relations and Organizational Behavior	3
MITECH 300	Introduction to Manufacturing and Industrial Technology	3
PHYS 350	General Physics (4)	4 - 8
or [PHYS 411	Mechanics of Solids and Fluids (4)	
and PHYS 431]	Heat, Waves, Light and Modern Physics (4)	
PHYS 360	General Physics (4)	4
or PHYS 421	Electricity and Magnetism (4)	
STAT C1000	Introduction to Statistics	4
A minimum of 6 units from the following:		6
MITECH 301	Materials and Processes (3)	
MITECH 302	Production Planning and System Design (3)	
MITECH 303	Tool and Fixture Design (3)	
MITECH 310	Quality Systems (3)	
MITECH 311	Introduction to Mechanical Inspection (3)	
MITECH 312	Intermediate Mechanical Inspection (3)	
MITECH 313	CMM Operation and Programming (3)	
MITECH 320	Introduction to CAD/CAM Programming (3)	
MITECH 321	Intermediate CAD/CAM Programming (3)	
MITECH 322	Advanced CAD/CAM Programming (3)	
Total Units:		**44 - 48**

The Manufacturing and Industrial Technology Associate in Science (A.S.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate engineering principles behind the manufacture of products and related industrial processes and recommend process improvements.
- design product concepts in CAD software.
- assemble a product from components to demonstrate technical skills for the manufacture of products.
- assess a given product design and develop an inspection plan applying quality control concepts.
- evaluate manufacturing process plans and formulate a plan that applies optimization theory.
- analyze a given product design and develop plans for Industrial and manufacturing processes.

Career Information

Example Job Titles: • Industrial Engineering Technician • Manufacturing Engineering Technician • Manufacturing Engineer • Industrial Engineer

Certificates of Achievement

CAD/CAM Programming Certificate

The Certificate of Achievement CAD/CAM Programming prepares the student with skills specializing in Computer Aided Design/Computer Aided Manufacturing (CAD/CAM). This program prepares the student to model, program, and simulate complex toolpath and generate code required to automate the manufacturing of parts on multi-axis Computer Numerical Controlled (CNC) machines. This program is aligned with the Society of Manufacturing Engineers (SME) core competency subject. This certificate is also aligned with the National Institute of Metalworking Standards (NIMS) certification in CAD/CAM programming.

Certificate Requirements

Course Code	Course Title	Units
ENGR 312	Engineering Graphics	3
MAKR 110	3D Design for Additive Manufacturing	3
MITECH 300	Introduction to Manufacturing and Industrial Technology	3
MITECH 303	Tool and Fixture Design	3
MITECH 320	Introduction to CAD/CAM Programming	3
MITECH 321	Intermediate CAD/CAM Programming	3
A minimum of 3 units from the following:		3
MITECH 313	CMM Operation and Programming (3)	
MITECH 322	Advanced CAD/CAM Programming (3)	
Total Units:		**21**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- design product concepts in CAD software.
- assemble a CAD model of a product from CAD model components to demonstrate technical skills for the manufacture of products.
- create and design in Computer Aided Manufacturing (CAM) technology.
- plan CNC machining processes.

- design tools and fixtures for real-world applications.

Career Information

Example Job Titles: • CAD/CAM Programmer • CNC Programmer • Manufacturing Engineer

Manufacturing and Industrial Technology Certificate

The Certificates of Achievement in Manufacturing and Industrial Technology prepares the student with engineering principles and technical skills for the manufacture of products and related industrial processes. Rooted in standards defined by the Society of Manufacturing Engineers (SME) the program is intended to provide Career Technical Education related to engineering principles, technical skills, and industrial processes for the manufacture of products. Subjects of study include shaping, forming operations, materials handling, instrumentation, and controls. The program covers concepts related to quality control, Computer Aided Manufacturing (CAM), and the use of industrial robotics. Optimization theory, industrial and manufacturing planning, and related management skills are also included in this program.

Certificate Requirements

Course Code	Course Title	Units
ENGR 312	Engineering Graphics	3
MAKR 110	3D Design for Additive Manufacturing	3
MITECH 300	Introduction to Manufacturing and Industrial Technology	3
MITECH 301	Materials and Processes	3
MITECH 302	Production Planning and System Design	3
MITECH 310	Quality Systems	3
Total Units:		**18**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate engineering principles behind the manufacture of products and related industrial processes and recommend process improvements.
- design product concepts in CAD software.
- assemble a product from components to demonstrate technical skills for the manufacture of products.
- assess a given product design and develop an inspection plan applying quality control concepts.
- evaluate manufacturing process plans and formulate a plan that applies optimization theory.

Career Information

Example Job Titles: • Industrial Engineering Technician • Manufacturing Engineering Technician • Manufacturing Engineer • Industrial Engineer

Production Planning Certificate

The Certificate of Achievement in Production Planning prepares the student with skills specializing in production planning and control. This program prepares the student to apply optimization theory, industrial and manufacturing planning, and related management skills. This program is aligned with the Society of Manufacturing Engineers (SME) core competencies.

Certificate Requirements

Course Code	Course Title	Units
BUS 310	Business Communications	3
ENGR 312	Engineering Graphics	3
MITECH 300	Introduction to Manufacturing and Industrial Technology	3
MITECH 302	Production Planning and System Design	3
MITECH 310	Quality Systems	3
A minimum of 3 units from the following:		3
MGMT 372	Human Relations and Organizational Behavior (3)	
COMM C1004	Interpersonal Communication (3)	
BUS 330	Managing Diversity in the Workplace (3)	
Total Units:		**18**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- assess product concepts in CAD software.
- evaluate production documentation using quality control concepts.
- evaluate manufacturing process plans and apply optimization theory.
- plan schedules for Industrial and manufacturing processes.

Career Information

Example Job Titles: • Industrial Production Managers • Manufacturing Manager • Production Planner • Production Control Specialist

Quality Technician Certificate

The Certificate of Achievement Quality Technician prepares the student with skills specializing in quality control. Content includes inspection, testing, and evaluation of parts, products, equipment, and processes for adherence to specifications. Also included in this program is the programming of Coordinate Measurement Machines (CMM) and non-destructive testing (NDT). NDT curriculum is based on the American Welding Society (AWS) standards and the mechanical inspection curriculum is based on National Institute of Metalworking Standards (NIMS) certification in the mechanical inspection. The skills learned in this program also fall into the Society of Manufacturing Engineers (SME) core competency framework.

Certificate Requirements

Course Code	Course Title	Units
ENGR 312	Engineering Graphics	3
MITECH 300	Introduction to Manufacturing and Industrial Technology	3
MITECH 310	Quality Systems	3
MITECH 311	Introduction to Mechanical Inspection	3
MITECH 313	CMM Operation and Programming	3
A minimum of 3 units from the following:		3
MITECH 303	Tool and Fixture Design (3)	
MITECH 312	Intermediate Mechanical Inspection (3)	
Total Units:		**18**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate product concepts in CAD software.
- evaluate manufactured products by demonstrating technical metrology skills.
- audit quality control procedures.
- arrange the sequence of automated inspection techniques on a Coordinate Measurement Machine (CMM) technology.
- plan quality inspection plans for Industrial and manufacturing processes.

Career Information

Example Job Titles: • Quality control systems managers • Quality Assurance Manager • Quality Assurance Supervisor • Mechanical Inspector • Quality Assurance Technician • Quality Control Technician

Manufacturing and Industrial Technology (MITECH) Courses

MITECH 299 Experimental Offering in Manufacturing and Industrial Technology

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

MITECH 300 Introduction to Manufacturing and Industrial Technology

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU

This introductory course covers a survey of major industrial processes and how the processes are applied in modern advanced manufacturing through a variety of technologies such as CAD/CAM/CNC and Rapid Prototyping. This course is an introduction to the process that takes a product from design to product realization by applying the five categories of manufacturing processes; Additive, Subtractive, Forming, Joining, and Surface Finishing. The course also covers manufacturing support processes required to complete a finished manufactured product. Lab activities include safely applying the advanced manufacturing processes to fabricate and assemble a finished unit to design specifications. This course is intended for individuals interested in learning about career pathways related to manufacturing and product development. Protective Equipment (PPE), e.g., safety goggles, hearing protection, and close-toed shoes are required for the laboratory. Other materials may be required by the instructor.

MITECH 301 Materials and Processes

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: MITECH 300

Transferable: CSU

This is a course in the area of manufacturing engineering called materials and processes. The course covers the selection, testing, and design applications of materials and processes in manufacturing products. This course provides knowledge and theory behind

manufacturing processing, properties, applications, and test procedures related to materials commonly used to manufacture modern products. Students apply the materials and processes knowledge to design solutions to real-world manufacturing problems. This course is intended for individuals pursuing career pathways related to advanced manufacturing and product development.

MITECH 302 Production Planning and System Design

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This course covers the specialized area of manufacturing engineering, Production planning, and system design. The course covers the planning, design, and applications of production control systems for productive manufacturing operations. Production planning and control systems ensure the availability of all materials, components, and sub-assemblies at the right time, place, and quantities for the entire manufacturing operation to work to a predetermined schedule with minimal cost. This course is intended for individuals pursuing career pathways related to advanced manufacturing and product development.

MITECH 303 Tool and Fixture Design

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: ENGR 312

Transferable: CSU

This is a course in the specialized area of manufacturing engineering focused on the design of tools and fixtures. The course covers the planning, design, and applications of manufacturing tooling methods to increase manufacturing productivity. Topics included in the course are an overview of tooling design, tool materials, work holding principles, design of jigs, fixtures, dies, and modular tooling systems. This course introduces methods to develop tooling to support machining, presswork, bending, forming, drawing, forging, inspection, gaging, and joining processes. Principles learned in this course are applied by using Computer Aided Design software to design solutions to real-world manufacturing problems. This course is intended for individuals pursuing career pathways related to advanced manufacturing and product development.

MITECH 310 Quality Systems

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This course studies the specialized area of manufacturing engineering focused on Quality Management Systems (QMS). The course overviews common elements of all QMS and offers examples from the International Standards Organization (ISO). Quality Management Systems establish company standards and universal high-level underlying principles to assure the quality of goods and services from concept to delivery to the end customer. The course is a comprehensive overview of current QMS standards and guidance to put theory into practice. This course is intended for individuals pursuing career pathways related to quality management in the field of advanced manufacturing and product development.

MITECH 311 Introduction to Mechanical Inspection

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU

Introduction to mechanical inspection is an introduction to the specialized role in manufacturing quality control known as metrology. Metrology is the science of measurement and related terminology. The course covers the systems of measurement, tolerances, and statistics as related to metrology. Basic measurement methods using graduated scales, vernier, and micrometer instruments are also covered in this course. Development and use of gage standards such as gage blocks and pins are covered. The importance and basic procedures for calibration are also covered. Principles learned in this course are applied by using Computer Aided Design software to design solutions to real-world manufacturing problems. This course is intended for individuals pursuing career pathways related to advanced manufacturing and product development, with an emphasis on quality control.

MITECH 312 Intermediate Mechanical Inspection

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: MITECH 311 with a grade of "C" or better, or placement through the assessment process.

Transferable: CSU

This is an intermediate mechanical inspection or metrology. Metrology is the science of measurement and related terminology. The course covers a review of the systems of measurement, tolerances, and statistics as related to metrology. Advanced measurement methods using graduated scales, vernier, and micrometer instruments are also covered in this course. This course introduces advanced measurement methods, including comparison, reference planes, angle measurement, surface, pneumatic measurement, optical measurement, and high amplification comparators. The role of Coordinate Measuring Machines (CMMs) is also discussed. Principles learned in this course are applied in lab applications simulating real-world design and manufacturing problems. This course is intended for individuals pursuing career pathways related to advanced manufacturing and product development, with an emphasis on quality control.

MITECH 313 CMM Operation and Programming

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: MITECH 311 with a grade of "C" or better, or placement through the assessment process.

Advisory: MITECH 312 and 320

Transferable: CSU

This course examines the role of Coordinate Measuring Machines (CMM) in automating metrology Quality Control (QC) in the advanced manufacturing environment. The course covers the setup, manual operation, and programming of CMMs both on the machine controller and offline using advanced Dimensional Measurement Interface Standard (DMIS) software in conjunction with Computer Aided Design (CAD) solid models. Principles learned in this course are applied in lab applications simulating real-world design and manufacturing problems. This course is intended for individuals pursuing career pathways related to advanced manufacturing and product development, with an emphasis on quality control.

MITECH 320 Introduction to CAD/CAM Programming

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU

This course is an introductory course to Computer Aided Design and Computer Aided Manufacturing (CAD/CAM) advanced manufacturing software. The course covers the fundamentals of developing CAD models of parts, fixture assemblies, and applying CAM strategies and techniques to program code for 2-3 Axis Computer Numerical Controlled (CNC) manufacturing equipment. This course introduces the process that takes a product from CAD concept to generating CAM toolpath and compiling the toolpath into CNC code that can be applied to drive simple CNC controlled processes. Processes supported by this class include laser cutting, plasma cutting, water jet cutting, routing, milling, and turning. This course is intended for individuals pursuing career pathways related to advanced manufacturing and product development.

MITECH 321 Intermediate CAD/CAM Programming

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: MITECH 320 with a grade of "C" or better

Transferable: CSU

This course is an Intermediate course on Computer Aided Design and Computer Aided Manufacturing (CAD/CAM) advanced manufacturing software. The course covers the development of advanced CAD models of parts, fixture assemblies, and applying advanced CAM strategies and techniques to program code for 3 Axis Computer Numerical Controlled (CNC) milling equipment. This course introduces the process that takes a product from CAD concept to generate CAM toolpath and compile the toolpath into CNC code that can be applied to drive synchronous 3 axis motion CNC controlled processes. This class covers advanced 3 Axis contour milling. This course is intended for individuals pursuing career pathways related to advanced manufacturing and product development.

MITECH 322 Advanced CAD/CAM Programming

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: MITECH 321 with a grade of "C" or better, or placement through the assessment process.

Transferable: CSU

This course is an advanced course on Computer Aided Design and Computer Aided Manufacturing (CAD/CAM) advanced manufacturing software. The course covers the development of advanced CAD models of parts, fixture assemblies, and applying advanced CAM strategies and

techniques to program code for 4 & 5 Axis Computer Numerical Controlled (CNC) milling and turning equipment. This course introduces the process that takes a product from CAD concept to generate CAM toolpath and compile the toolpath into CNC code that can be applied to drive up to 5 axis of synchronous motion for CNC controlled processes. This class covers advanced 3+1 & 3+2 positioning, 4 & 5 axis contour milling, and 4 axis mill/turn machines. This course is intended for individuals pursuing career pathways related to advanced manufacturing and product development.

Marketing

Overview

Marketing is a dynamic area of study that provides immediate job and career opportunities after taking one course or the completion of a degree. The skills learned are easily converted into well-paying careers by many students and are essential for international and domestic business and for companies both large and small.

Division Dean: Carlos Lopez

Department Chair: Jennifer Black

Phone: (916) 608-6849

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Marketing (MKT) Courses

MKT 295 Independent Studies in Marketing

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

MKT 299 Experimental Offering in Marketing

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

MKT 300 Principles of Marketing

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

MITECH 499 Experimental Offering in Manufacturing and Industrial Technology

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

This course provides a general overview of marketing principles. The course covers the process of planning and executing the conception, pricing, promotion, and distribution of ideas, goods and services to create exchanges that satisfy individual and organizational goals. The course includes analysis of the elements of the marketing environment such as government regulation, environmental protection, competition, and consumer behavior.

MKT 310 Selling Professionally

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This course examines the elements of successful professional consumer and business to business selling. This course focuses on the development of a successful presentation strategy requiring the steps of the selling process: approach, needs assessment, presentation, handling objections, closing the sale, and following up with service. Different types of selling experience such as direct, industrial, wholesale, and retail are covered. This class is recommended for those entering any field of business careers.

MKT 330 Internet Marketing

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This course is designed to provide both the novice and skilled business person with a working knowledge of how to use Internet marketing. Students will be introduced on how to devise strategies that build customer relations through technological and social media strategies. Students will have a good understanding of how these technologies can be used to support business success.

MKT 495 Independent Studies in Marketing

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

MKT 498 Work Experience in Marketing

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

MKT 499 Experimental Offering in Marketing

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Mathematics & Statistics

Overview

Folsom Lake College's mathematics program provides students with the ability to think logically and abstractly and develop the problem-solving and computational skills necessary for success in any field of study. Mathematics is a multifaceted subject of great beauty and application. The study of mathematics explores some of the deepest puzzles that have ever been encountered and equips the student with a universal language used to study quantities and relationships in all fields.

View the Math and Statistics Placement (https://flc.losrios.edu/admissions/placement/math-placement) and our Math and Statistics Course Sequence (https://flc.losrios.edu/admissions/placement/math-placement/math-and-statistics-course-sequence) webpages.

Degrees and Certificates Offered

A.S.-T. in Mathematics

A.A. in Interdisciplinary Studies: Math and Science

A.S. in Mathematics

STEM Math Certificate

Division Dean: Dr. Lorena Navarro

Department Chair: Marc Olsen

Phone: (916) 608-6615

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Associate Degrees for Transfer

A.S.-T. in Mathematics

The Associate in Science in Mathematics for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Mathematics at the Institution they wish to transfer to because major and general education

requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) The California General Education Transfer Curriculum (CAL-GETC).

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A â€œPâ€ (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
MATH 400	Calculus I	5
MATH 401	Calculus II	5
MATH 402	Calculus III	5
MATH 410	Introduction to Linear Algebra	3
MATH 420	Differential Equations	4
Total Units:		**22**

The Associate in Science in Mathematics for Transfer (AS-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- explain and apply basic concepts of single variate calculus including various forms of derivatives and integrals, their interconnections, and their uses in analyzing and solving real-world problems.
- explain and apply basic concepts of multivariate calculus, linear algebra, or differential equation techniques, their interconnections, and their uses in analyzing and solving real-world problems.
- write logical proofs of basic theorems.
- use appropriate applications to demonstrate mathematical problem solving.

Career Information

Mathematicians work as statisticians, analysts, computer programmers, actuaries, researchers, planners, and educators. The requirements of this degree may also fill the needs of students entering into engineering, the sciences, and economics.

Associate Degrees

A.A. in Interdisciplinary Studies: Math and Science

The Interdisciplinary Studies degree is designed for students who wish to obtain a broad knowledge of mathematics and the sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis in" Math and Science. These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of the world's civilizations. Possible majors at a four-year institution include, but are not limited to: mathematics, biology, chemistry, and physical science.

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
ANTH 300	Biological Anthropology (3)	
ANTH 301	Biological Anthropology Laboratory (1)	
ANTH 303	Introduction to Forensic Anthropology (3)	
ASTR C1001	Introduction to Astronomy (3)	

Course Code	Course Title	Units
ASTR 310	The Solar System (3)	
ASTR 320	Stars, Galaxies, and Cosmology (3)	
ASTR C1001L	Introduction to Astronomy Lab (1)	
BIOL 300	The Foundations of Biology (3)	
BIOL C1000	Introduction to Biology with Lab (4)	
BIOL 310	General Biology (4)	
BIOL 323	Plants and People (4)	
BIOL 342	The New Plagues: New and Ancient Infectious Diseases Threatening World Health (3)	
BIOL 350	Environmental Biology (3)	
BIOL 370	Marine Biology (4)	
BIOL 400	Principles of Biology (5)	
BIOL 410	Principles of Botany (5)	
or BIOL 411	Plant Science (4)	
BIOL 420	Principles of Zoology (5)	
BIOL 430	Anatomy and Physiology (5)	
BIOL 431	Anatomy and Physiology (5)	
BIOL 440	General Microbiology (4)	
BIOL 442	General Microbiology and Public Health (5)	
CHEM 300	Beginning Chemistry (4)	
CHEM 305	Introduction to Chemistry (5)	
CHEM 337	Brewing and Beer Chemistry (4)	
CHEM 339	Introduction to Fermentation Chemistry (4)	
CHEM 400	General Chemistry I (5)	
CHEM 401	General Chemistry II (5)	
CHEM 410	Quantitative Analysis (5)	
CHEM 420	Organic Chemistry I (5)	
CHEM 421	Organic Chemistry II (5)	
CISC 311	Survey of Modern Computer Languages (3)	
CISD 351	Data Science Foundations (4)	
CISP 300	Algorithm Design/Problem Solving (3)	
CISP 360	Introduction to Structured Programming (4)	
CISP 400	Object Oriented Programming with C++ (4)	
CISP 401	Object Oriented Programming with Java (4)	
CISP 408	Programming R for Data Analysis and Machine Learning (3)	
CISP 440	Discrete Structures for Computer Science (3)	
ECON 310	Statistics for Business and Economics (3)	

Course Code	Course Title	Units
ENGR 420	Statics (3)	
FT 304	Fire Behavior and Combustion (3)	
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems (3)	
GEOG 301	Physical Geography Laboratory (1)	
GEOG 306	Weather and Climate (3)	
GEOG 331	Exploring Maps and Geographic Technologies (3)	
GEOL 300	Physical Geology (3)	
GEOL 301	Physical Geology Laboratory (1)	
GEOL 302	Physical Geology with Lab (4)	
GEOL 305	Earth Science (3)	
GEOL 306	Earth Science Laboratory (1)	
GEOL 310	Historical Geology (3)	
GEOL 311	Historical Geology Laboratory (1)	
GEOL 330	Introduction to Oceanography (3)	
GEOL 345	Geology of California (3)	
MATH 300	Introduction to Mathematical Ideas (3)	
MATH 310	Mathematical Discovery (3)	
MATH 333	College Algebra for Liberal Arts (3)	
MATH 341	Calculus for Business and Economics (4)	
MATH 343	Modern Business Mathematics (4)	
MATH 355	Calculus for Biology and Medicine I (4)	
MATH 356	Calculus for Biology and Medicine II (4)	
MATH 372	College Algebra for Calculus (4)	
or MATH 375	Pre-Calculus (6)	
MATH 373	Trigonometry for Calculus (4)	
MATH 385	Calculus Preparation for STEM (4)	
MATH 400	Calculus I (5)	
MATH 401	Calculus II (5)	
MATH 402	Calculus III (5)	
MATH 410	Introduction to Linear Algebra (3)	
MATH 420	Differential Equations (4)	
NUTRI 300	Nutrition (3)	
NUTRI 302	Nutrition for Physical Performance (3)	
NUTRI 340	Nutrition and Metabolism (3)	
PHYS 310	Conceptual Physics (3)	
PHYS 311	Basic Physics (3)	
PHYS 350	General Physics (4)	

Course Code	Course Title	Units
PHYS 360	General Physics (4)	
PHYS 411	Mechanics of Solids and Fluids (4)	
PHYS 421	Electricity and Magnetism (4)	
PHYS 431	Heat, Waves, Light and Modern Physics (4)	
PS 302	Introduction to Physical Science (4)	
PSYC 312	Biological Psychology (4)	
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
STAT C1000	Introduction to Statistics (4)	
Total Units:		18

The Interdisciplinary Studies: Math and Science Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- reason quantitatively and empirically (Math and Science).

A.S. in Mathematics

This degree is designed to allow students to meet common lower division requirements for a major in mathematics at many four-year transfer institutions. Required courses for this degree may also fulfill lower division requirements for four-year degrees in computer science and engineering.

Degree Requirements

Course Code	Course Title	Units
MATH 400	Calculus I	5
MATH 401	Calculus II	5
MATH 402	Calculus III	5
MATH 420	Differential Equations	4
MATH 410	Introduction to Linear Algebra	3
A minimum of 4 units from the following:		4
CISP 360	Introduction to Structured Programming (4)	
CISP 370	Beginning Visual Basic (4)	
STAT C1000	Introduction to Statistics (4)	
Total Units:		26

The Mathematics Associate in Science (A.S.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- identify, formulate, and solve applied problems (using calculus and linear algebra) in verbal, numeric, graphical, and symbolic form related to science, economics, or business.
- recognize and construct valid arguments using deductive and inductive reasoning skills.
- define and utilize terminology of mathematics with emphasis in calculus, linear algebra, and either statistics, logic or problem solving.
- calculate derivatives and integrals using a variety of defined rules and strategies of calculus, algebraic properties and trigonometric identities.

Certificate of Achievement

STEM Math Certificate

The STEM Math Certificate provides students with an option to receive college affirmation of math related work done on a pathway related to science, technology, engineering, or mathematics. Students majoring in STEM related fields often transfer without the need for an associates degree even though many lower division preparation courses were taken. A common thread throughout these majors is a high level of proficiency in mathematics.

Certificate Requirements

Course Code	Course Title	Units
A minimum of 16 units from the following:		16
MATH 300	Introduction to Mathematical Ideas (3)	
MATH 333	College Algebra for Liberal Arts (3)	
MATH 373	Trigonometry for Calculus (4)	
MATH 341	Calculus for Business and Economics (4)	
MATH 355	Calculus for Biology and Medicine I (4)	
MATH 356	Calculus for Biology and Medicine II (4)	

Course Code	Course Title	Units
MATH 372	College Algebra for Calculus (4)	
or MATH 375	Pre-Calculus (6)	
MATH 400	Calculus I (5)	
MATH 401	Calculus II (5)	
MATH 402	Calculus III (5)	
MATH 410	Introduction to Linear Algebra (3)	
MATH 420	Differential Equations (4)	
STAT C1000	Introduction to Statistics (4)	
A student may only apply one calculus sequence to the certificate. Math 341 is one option. Math 355 and Math 356 is another option. Math 400 and Math 401 and Math 402 are the other option.		
Total Units:		16

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- use appropriate applications to demonstrate mathematical problem solving.
- use trigonometric concepts to solve a variety of triangle related real-world applications.
- explain and apply basic concepts of single variate calculus including various forms of derivatives and integrals, their interconnections, and their uses in analyzing and solving real-world problems.

Career Information

A strong Math foundation is required for nearly every STEM major plus a number of other majors that may not be traditionally listed as STEM. The courses within this certificate provide strong foundations for many majors and open many potential career doors. Visit the Career Center to find out more about jobs related to the following majors and career options. Sciences: Biology, Chemistry, Physics, and other majors require 2 or 3 semesters of calculus and sometimes additional courses. Technology: Computer Science and Computer Programming majors require Calculus and some higher courses in mathematics. Engineering: Mechanical, Civil, Electrical engineers, to name a few, all require our Calculus, Linear Algebra, and Differential Equations. Mathematics: Mathematicians work as statisticians, analysts, computer programmers, actuaries, researchers, planners, and educators. Economics and Industrial Engineering majors require Calculus and some higher level courses and sometimes Statistics as well.

Mathematics (MATH) Courses

MATH 295 Independent Studies in Mathematics

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

MATH 299 Experimental Offering in Mathematics

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

MATH 300 Introduction to Mathematical Ideas

Units: 3

Hours: 54 hours LEC

Prerequisite: Intermediate Algebra or equivalent (Integrated Math 3) with a grade of "C-" or better OR through the Los Rios placement process.

Transferable: CSU; UC

General Education: Local GE L2; Cal-GETC Area 2

This course is intended for liberal arts students but may be of interest to others as well. Several specific topics will be covered including number theory, algebraic modeling, geometry, combinatorics, probability, statistics, trigonometry, graph theory, and voting and apportionment. This course is not recommended for students entering elementary school teaching or for business administration majors. A graphing calculator may be required.

MATH 310 Mathematical Discovery

Units: 3

Hours: 54 hours LEC

Prerequisite: Intermediate Algebra or equivalent (Integrated Math 3) with a grade of "C-" or better OR through the placement process.

Transferable: CSU; UC

General Education: Local GE L2

This course is designed to enhance students' understanding of mathematics by involving them in the mathematical process of exploration, conjecture, and proof. Students will explore mathematical

patterns and relations, formulate conjectures, and prove their conjectures. Areas of mathematics from which content may be derived include number theory, statistics, probability, geometry, and sequences and series. This course is recommended for students interested in a career in education.

MATH 333 College Algebra for Liberal Arts

Units: 3

Hours: 54 hours LEC

Prerequisite: Through the Los Rios Placement Process or High School Algebra 2 or Integrated Math 3 or Intermediate Algebra.

Transferable: CSU; UC

General Education: Local GE L2; Cal-GETC Area 2

This course is a transfer-level college algebra course for all majors. Topics include absolute value, polynomial, rational, radical, exponential, and logarithmic functions; solving equations involving these functions; graphing these functions using rigid and non-rigid transformations; solving linear and nonlinear inequalities; systems of equations; complex numbers; and inverse functions.

MATH 341 Calculus for Business and Economics

Units: 4

Hours: 72 hours LEC

Prerequisite: Through the Los Rios Placement Process or successful completion of Algebra II/Integrated Math 3 or Intermediate Algebra, with a grade of C- or better.

Corequisite: Students who have not passed Intermediate Algebra or the equivalent must enroll in MATHS 46.

Transferable: CSU; UC (UC credit limitation: MATH 341, MATH 355 and MATH 400 combined: Maximum credit, one course)

General Education: Local GE L2; Cal-GETC Area 2

C-ID: C-ID MATH 140

This course is designed around applications of sets, functions, limits, analytic geometry, and the differential and integral calculus in an economic and business context. This course is intended for business students; it is not recommended for mathematics and physical science majors.

MATH 343 Modern Business Mathematics

Units: 4

Hours: 72 hours LEC

Prerequisite: Through the Los Rios Placement Process or successful completion of Algebra II/Integrated Math 3 or Intermediate Algebra, with a grade of C- or better.

Transferable: CSU; UC

General Education: Local GE L2; Cal-GETC Area 2

This course is designed around applications of mathematics in an economic and business context. The major topics included are functions, finance (interest and exponential models), rates of change, optimization, and linear programming. The content of the course is structured to incorporate tables, graphs and data sets collected from real-world situations. This course is not recommended for mathematics or physical science majors. A scientific calculator will be required.

MATH 355 Calculus for Biology and Medicine I

Units: 4

Hours: 72 hours LEC

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: MATH 341, MATH 355 and MATH 400 combined: maximum credit, one course)

General Education: Local GE L2; Cal-GETC Area 2

This course is an introduction to differential calculus and elementary differential equations via applications in biology and medicine. It covers limits, derivatives of polynomials, trigonometric and exponential functions, graphing, and applications of the derivative to biology and medicine. Topics include the Fundamental Theorem of Calculus and techniques of integration, including integral tables and numerical methods. This course does not meet the prerequisite for the Engineering Physics series.

MATH 356 Calculus for Biology and Medicine II

Units: 4

Hours: 72 hours LEC

Prerequisite: MATH 355 with a grade of "C" or better

Transferable: CSU; UC (UC credit limitation: MATH 356 and MATH 401 combined: maximum credit, one course.)

General Education: Local GE L2; Cal-GETC Area 2

This course covers matrix algebra with eigenvalues and eigenvectors, systems of linear equations, functions of several variables, partial derivatives, systems of differential equations, probability, and applications to biology and medicine. This course does not meet the prerequisite for the Engineering Physics series.

MATH 372 College Algebra for Calculus

Units: 4

Hours: 72 hours LEC

Prerequisite: Through the Los Rios Placement Process or successful completion of Algebra II/Integrated Math 3 or Intermediate Algebra, with a grade of C- or better.

Transferable: CSU; UC

General Education: Local GE L2; Cal-GETC Area 2

This course provides a rigorous treatment of college-level algebra and its applications, with a particular focus on preparing students for the calculus sequence for Science, Technology, Engineering, and Mathematics (STEM) majors. Topics include polynomial, rational, radical, exponential, absolute value, and logarithmic functions, graphs, and equations; systems of equations; the theory of polynomial equations; analytic geometry including conics; and an introduction to sequences and series. Emphasis is given to analytical reasoning and problem-solving. This course may be taken concurrently with MATH 373, Trigonometry for Calculus. Completion of both MATH 372 AND MATH 373 with grades of "C" or better meets the prerequisite for MATH 400, Calculus I. A calculator may be required for some aspects of this course.

MATH 373 Trigonometry for Calculus

Units: 4

Hours: 72 hours LEC

Prerequisite: Through the Los Rios Placement Process or successful completion of Algebra II/Integrated Math 3 or Intermediate Algebra, with a grade of C- or better.

Transferable: CSU; UC

General Education: Local GE L2; Cal-GETC Area 2

This course provides a rigorous treatment of trigonometry and its applications, with a particular focus on preparing students for the calculus sequence for science, technology, engineering, and mathematics (STEM) majors. It emphasizes the study of trigonometric functions from numerical, graphical, and algebraic descriptions. Topics include functions and their graphs, transformations of functions, geometric properties of circles and triangles, degree and radian measurements of angles, right triangle trigonometry, reference angle trigonometry, unit circle trigonometry, graphs and transformations of trigonometric functions, verifying and applying trigonometric identities, inverse trigonometric functions, solving trigonometric equations, solving triangles using the Law of Sines and the Law of Cosines, vectors, the polar coordinate system, and roots and powers of complex numbers including De Moivre's Theorem. This course may be taken concurrently with MATH 372, College Algebra for Calculus. Completion of both MATH 372 AND MATH 373 with grades of "C" or better meets the prerequisite for MATH 400, Calculus I. A calculator will be required.

MATH 375 Pre-Calculus

Units: 6

Hours: 108 hours LEC

Prerequisite: Through the Los Rios Placement Process or successful completion of Algebra II/Integrated Math 3 or Intermediate Algebra, with a grade of C- or better.

Transferable: CSU; UC

General Education: Local GE L2; Cal-GETC Area 2

This course provides a rigorous treatment of the foundational mathematical concepts and skills that will prepare students for the calculus sequence for science, technology, engineering, and mathematics (STEM) majors. Topics include polynomial, absolute value, rational, radical, exponential, and logarithmic functions, with graphing and applications; trigonometric functions and their inverses, including graphs, proving identities, trigonometric equations, and solving triangles; systems of equations and inequalities; analytic geometry and conics; vectors and polar coordinates; and an introduction to sequences and series. It emphasizes analytical reasoning and problem-solving. The maximum UC transfer credit is 5 units for any combination of College Algebra and Precalculus courses. A calculator may be required for this course.

MATH 385 Calculus Preparation for STEM

Units: 4

Hours: 72 hours LEC

Prerequisite: Through the Los Rios Placement Process or successful completion of Algebra II/Integrated Math 3 or Intermediate Algebra.

Transferable: CSU; UC

General Education: Local GE L2; Cal-GETC Area 2

This class is designed for STEM majors who are not fully prepared for Calculus. It will focus on graphical and intuitive development of ideas formally covered in calculus, especially limits. Topics will include graphing and function analysis polynomial, trigonometric, rational, exponential and logarithmic functions. This course will build algebraic skills required for success in Calculus and cover the topics of limits and continuity. Students will need access to the Internet to be able to use graphing utilities such as Desmos.

MATH 400 Calculus I

Units: 5

Hours: 90 hours LEC

Prerequisite: Math 375 or Math 370 or the combination of Math 372 and Math 373, or through the Los Rios Placement process.

Transferable: CSU; UC (UC credit limitation: MATH 341, MATH 355 and MATH 400 combined: maximum credit, one course)

General Education: Local GE L2; Cal-GETC Area 2

C-ID: C-ID MATH 210

This course explores the basic concepts of analytic geometry, limits of functions, derivatives, and integrals. Topics covered will include finding the limits of functions by graphing and indeterminate forms of algebraic expressions. Derivatives and integrals involving algebraic, trigonometric, exponential, logarithmic, and inverse trigonometric functions will also be covered. Many applications will be covered, including those involving rectilinear motion, differentials, related rates, graphing, optimization, and finding areas of bounded regions. A graphing calculator may be required for this course.

MATH 401 Calculus II

Units: 5

Hours: 90 hours LEC

Prerequisite: MATH 400 with a grade of "C" or better

Transferable: CSU; UC (UC credit limitation: MATH 356 and MATH 401 combined: maximum credit, one course)

General Education: Local GE L2; Cal-GETC Area 2

C-ID: C-ID MATH 220

This course was formerly known as MATH 401 Calculus II.

This course is a continuation of MATH 400. Topics covered include techniques of integration, numerical integration, improper integrals, infinite series, parametric equations, polar coordinates, and conic sections. Many applications will be covered including those involving areas between plane regions, volumes of revolution, work, moments and concepts of mass, average value, arc length, and surface area. A graphing calculator may be required for this course.

MATH 402 Calculus III

Units: 5

Hours: 90 hours LEC

Prerequisite: MATH 401 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L2; Cal-GETC Area 2

C-ID: C-ID MATH 230

This course extends the concepts of limits, derivatives and integrals to vector-valued functions and functions of more than one variable. Topics covered will include three-dimensional analytic geometry and vectors, partial derivatives, multiple integrals, line integrals, surface integrals, and the theorems of Green, Gauss (Divergence), and Stokes. Many applications of calculus will be included. A graphing calculator may be required for this course.

MATH 410 Introduction to Linear Algebra

Units: 3

Hours: 54 hours LEC

Prerequisite: MATH 401 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L2; Cal-GETC Area 2

C-ID: C-ID MATH 250

This course introduces linear algebra. Topics include matrices, determinants, systems of equations, vector spaces, linear transformations, eigenvectors, and applications. This course is intended for majors in mathematics, engineering, science, and related fields.

MATH 420 Differential Equations

Units: 4

Hours: 72 hours LEC

Prerequisite: MATH 401 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L2; Cal-GETC Area 2

C-ID: C-ID MATH 240

This course is a study of ordinary differential equations, including linear equations, systems of equations, equations with variable coefficients, existence and uniqueness of solutions, series solutions, singular points, transform methods, boundary value problems, and applications.

MATH 495 Independent Studies in Mathematics

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

MATH 499 Experimental Offering in Mathematics

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Mathematics Support (MATHS) Courses

MATHS 11 Guided Individualized Support for Mathematics and Statistics

Units: 0.25 - 2

Hours: 13.5 - 108 hours LAB

Prerequisite: None.

Corequisite: The student must be enrolled in a course with Math content. This includes, but is not limited to the designators, MATH, STAT, CHEM, PHYS, ASTR, BUS, ECON, and CISP.

This course is open to all students currently enrolled in any course that uses or teaches mathematical concepts. The course enables students to build and review math topics that are necessary for success in any level of MATH, STAT, or other course. Learning objectives and the course topics will be designed based on the needs of each individual student with the guidance and support from the instructor and embedded tutors. This course cannot replace any existing mathematics course, and is not used to satisfy any prerequisite. This class is open entry and is graded on a Pass/No Pass basis. This course may be taken up to three times but the total of all the attempts cannot exceed 2.0 units.

MATHS 15 Support for Intermediate Algebra

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in MATH 120, Intermediate Algebra. You must be enrolled in the corresponding section of Math 120 while taking this course. Topics and homework assignments are often connected to the students' assignments in MATH 120. This class is graded on a pass/no pass basis and does not meet math competency.

MATHS 33 Support for College Algebra for Liberal Arts

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Corequisite: MATH 333

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in Math 333, College Algebra for Liberal Arts. You must be enrolled in the corresponding section of Math 333 while taking this course. Topics and homework assignments are often connected to the students' assignments in MATH 333. The course includes applications of the concepts and skills covered. This class is graded on a pass/no pass basis and does not meet math competency. A calculator may be required for this course.

MATHS 46 Support for Calculus for Business and Economics

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Corequisite: MATH 341

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in Math 341, Calculus for Business and Economics. You must be enrolled in the corresponding section of Math 341 while taking this course. Topics and homework assignments are often connected to the students' assignments in MATH 341. The course includes applications of the concepts and skills covered. This class is graded on a pass/no pass basis and does not meet math competency. A scientific calculator will be required for this course.

MATHS 55 Support for Trigonometry with College Algebra

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in MATH 335: Trigonometry with College Algebra. You must be enrolled in the corresponding section of Math 335 while taking this course.

Topics and homework assignments are often connected to the students' assignments in MATH 335. The course includes applications of the concepts and skills covered. A scientific calculator is required for this course. See notes on the e-schedule for more information. This class is graded on a pass/no pass basis and does not meet math competency.

MATHS 60 Support for Calculus I

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Corequisite: MATH 400

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in Calculus I (Math 400). Students taking this course must be concurrently enrolled in a corresponding section of MATH 400. The content of this course is designed to provide arithmetic, algebra, geometry, trigonometry, and learning skills support to students as they learn concepts in their Calculus I course. Topics and homework assignments are often connected to assignments in the Calculus I course. This course is graded Pass/No Pass.

MATHS 70 Support for College Algebra for Calculus

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Corequisite: MATH 372

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in MATH 372: College Algebra for Calculus as well as affective domain skills. Topics and homework assignments are often connected to the students' assignments in MATH 372. The course includes applications of the concepts and skills covered. A calculator may be required. This course is graded on a Pass/No Pass basis and does not meet local math competency.

MATHS 73 Support Course for Trigonometry for Calculus

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Corequisite: MATH 373

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in Trigonometry for Calculus (MATH 373). Students taking this course must be concurrently enrolled in the corresponding section MATH 373. The course content is designed to provide arithmetic, algebra, geometry and learning skills support to students as they learn related concepts in their corequisite course. Topics and homework assignments are often connected to students' assignments in the corequisite course. A calculator is required. This course is graded on a Pass/No Pass basis and does not meet local math competency.

MATHS 75 Support for Pre-Calculus

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Corequisite: MATH 375

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in MATH 375 (Pre-Calculus). Students taking this course must be concurrently enrolled in the corresponding section of MATH 375. The content of this course is designed to provide arithmetic, algebra, geometry, and learning skills support to students as they learn related concepts in their corequisite course. Topics and homework assignments are often connected to assignments in the corequisite course. A calculator will be required for this course. This course is graded on a Pass/No Pass basis and does not meet local math competency.

MATHS 80 Support for Calculus I

Units: 0.25 - 2

Hours: 13.5 - 108 hours LAB

Prerequisite: None.

Corequisite: MATH 400

This course provides additional problem solving practice, theory practice, and study skills support for students concurrently enrolled in MATH 400, Calculus I. A student may take this class up to 2.0 units or 3 times, whichever comes first. A graphing calculator may be required. This class is graded on a pass/no pass basis and does not meet math competency.

MATHS 81 Calculus II: Problem Solving

Units: 1

Hours: 18 hours LEC

Prerequisite: None.

Corequisite: MATH 401

This course provides additional problem solving practice, theory practice, and study skills support for students concurrently enrolled in MATH 401, Calculus II. Please refer to the class notes in the online schedule of classes for details to the particular sections of MATH 401 that will be associated with this section. This class is graded on a pass/no pass basis and does not meet math competency. A graphing calculator may be required.

MATHS 82 Calculus III: Problem Solving

Units: 1

Hours: 18 hours LEC

Prerequisite: None.

Corequisite: MATH 402

This course provides additional problem solving practice, theory practice, and study skills support for students concurrently enrolled in MATH 402, Calculus III. Please refer to the class notes in the online schedule of classes for details to the particular sections of MATH 402 that will be associated with this section. This class is graded on a pass/no pass basis and does not meet math competency. A graphing calculator may be required.

MATHS 85 Support for Calculus Preparation for STEM

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Corequisite: MATH 385

This course provides intensive instruction and practice in the core mathematical skills, competencies, concepts, and study skills necessary for success in MATH 385. Students taking this course must be concurrently enrolled in the corresponding section of MATH 385. The content of this course is designed to provide arithmetic, algebra, geometry, trigonometry, and skills support to students as they learn preparatory concepts in their MATH 385 course. Topics and homework assignments may be connected to assignments in the MATH 385. This course is graded on a Pass/No Pass basis. Students will need access to the Internet to be able to use graphing utilities such as Desmos.

MATHS 95 Support for Introduction to Mathematical Ideas

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Corequisite: MATH 300

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in Math 300, Introduction to Mathematical Ideas. You must be enrolled in the corresponding section of Math 300 while taking this course. Topics and homework assignments are often related to the students' assignments in MATH 300. The course includes applications of the concepts and skills covered. This class is graded on a pass/no pass basis and does not meet math competency. A scientific calculator may be required for this course.

MATHS 299 Experimental Offering in Mathematics Support

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

MATHS 499 Experimental Offering in Mathematics Support

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Statistics (STAT) Courses

STAT 10 Support for Introduction to Statistics

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Corequisite: STAT C1000

This course provides intensive instruction and practice in the core mathematical skills, competencies, and concepts necessary for success in STAT 300, Introduction to Probability and Statistics. You must be enrolled in the corresponding section of STAT 300 while taking this course. Topics and homework assignments are often connected to the

students' assignments in STAT 300. The course includes applications of the concepts and skills covered. Students will be expected to use technology for data analysis. Appropriate technology includes at least one of the following: TI-Graphing calculator, StatCrunch, Excel, SPSS or Minitab. See class notes in the e-schedule for more information. This class is graded on a pass/no pass basis and does not meet math competency.

STAT C1000 Introduction to Statistics

Units: 4

Hours: 72 hours LEC

Prerequisite: Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

Transferable: CSU; UC (UC credit limitation: 330 and STAT 300 combined: maximum credit, one course)

General Education: Local GE L2; Cal-GETC Area 2

C-ID: C-ID MATH 110

This course was formerly known as STAT 300 Introduction to Probability and Statistics.

This course is an introduction to statistical thinking and processes, including methods and concepts
for discovery and decision-making using data. Topics include descriptive statistics; probability and
sampling distributions; statistical inference; correlation and linear regression; analysis of variance,
chi-squared, and t-tests; and application of technology for statistical analysis including the
interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines. Statistical analysis using a statistical software package such as, but not limited to, StatCrunch, R, SAS, SPSS, EXCEL, Minitab, Desmos, and/or graphing calculators is required. This course was formerly known as STAT 300: Introduction to Probability and Statistics. This course is not open to students who have successfully passed the honors version of the course, i.e. STAT C1000H, STAT 480.

STAT 495 Independent Studies in Statistics

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

STAT 499 Experimental Offering in Statistics

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

(See catalog p. 21)

Mathematics and Statistics Course Sequence

Based on the results of the placement process (https://flc.losrios.edu/admissions/placement/math-placement) and a student's educational goal, students may be placed into the following course pathways.

Business Math (BusMath)

Business, Economics, and Management Pathway

Choose *one* of the following options:

- **MATH 341: Calculus for Business and Economics**[1] (4 units) and **MATHS 46: Support for Calculus for Business and Economics**[2] (3 units) – *must be taken concurrently*
- **MATH 341: Calculus for Business and Economics**[1] (4 units)

[1] AA/AS-applicable and is transferable to CSU/UC. Speak with a counselor for transfer information.

[2] Support course may be required based on placement results.

Education

Elementary Education Pathway

Enroll in the following:

- **MATH 310: Mathematical Discovery**[3] (3 units)

[3] AA/AS-applicable and is transferable to CSU/UC. Speak with a counselor for transfer information.

Statistics and Liberal Arts Math (SLAM)

Liberal Arts Pathway

Choose *one* of the following options:

- Option 1 – choose *one* of the following:
  - **MATH 300: Introduction to Mathematical Ideas**[4] (3 units) and **MATHS 95: Support for Introduction to Mathematical Ideas**[5] (2 units) – *must be taken concurrently*
  - **MATH 300: Introduction to Mathematical Ideas**[4] (3 units)
- Option 2 (not for majors that require Calculus) – choose *one* of the following:
  - **MATH 333: College Algebra for Liberal Arts** (3 units) and **MATHS 33: Support of College Algebra for Liberal Arts**[5] (2 units)
  - **MATH 333: College Algebra for Liberal Arts** (3 units)

[4] AA/AS-applicable and is transferable to CSU. Speak with a counselor for transfer information.

[5] Support course may be required based on placement results.

Statistics Pathway

Choose *one* of the following options:

- Option 1 – choose *one* of the following:
  - **STAT C1000: Introduction to Statistics**[6] (4 units) and **STAT 10: Support for Introduction to Probability and Statistics**[7] (2 units) – *must be taken concurrently*
  - **STAT C1000: Introduction to Statistics**[6] (4 units)
- Option 2 – choose *one* of the following:
  - **PSYC 330: Introductory Statistics for the Behavioral Sciences**[6] (3 units) and **PSYC 10: Support for Introductory Statistics for the Behavioral Sciences**[7] (2 units) – *must be taken concurrently*
  - **PSYC 330: Introductory Statistics for the Behavioral Sciences**[6] (3 units)

[6] AA/AS-applicable and is transferable to CSU/UC. Speak with a counselor for transfer information.

[7] Support course may be required based on placement results.

Science, Technology, Engineering, and Math (STEM)

STEM Pathway

STEM 1 Level

This option is for students who have not passed Intermediate Algebra, Integrated Math 3 (IM3), or the equivalent with a "C-" or better. You may take Calculus with support or up to two (2) courses before Calculus.

- You may choose to take two preparatory courses before Calculus:
  - Recommended
    - **MATH 385 Calculus Preparation for STEM** (4 units) followed by **Math 375 Pre-Calculus** (6 units)
    - Note: Math 385 may be offered with corequisite support MATHS 85 Support for Calculus Preparation for STEM (2 units)
    - Note: Math 375 may be offered with corequisite support MATHS 75 Support for Pre-Calculus (3 units)
  - The other two course option would be to take MATH 372 and MATH 373 in either order:
    - **MATH 372: College Algebra for Calculus**[8] (4 units)
    - **MATH 372: College Algebra for Calculus**[8] (4 units) and **MATHS 70: Support for College Algebra for Calculus**[9] (3 units) – *must be taken concurrently*
    - **MATH 373: Trigonometry for Calculus**[8] (4 units)
    - **MATH 373: Trigonometry for Calculus**[8] (4 units) and **MATHS 73: Support for Trigonometry for Calculus**[9] (2 units) – *must be taken concurrently*
  - Then:
    - **MATH 400: Calculus I**[10] (5 units)and **MATHS 60: Support for Calculus I**[9] (3 units) – *must be taken concurrently*
- If you choose to take one prep course before Calculus, see the STEM 3 Level option:
  - Then:
    - **MATH 400: Calculus I**[10] (5 units) and **MATHS 60: Support for Calculus I**[9] (3 units) – *must be taken concurrently*

- If you choose to go straight to Calculus:
  - **MATH 400: Calculus I**[10] (5 units) and **MATHS 60: Support for Calculus I**[9] (3 units) – *must be taken concurrently*

STEM 3 Level

This option is for students who have passed Intermediate Algebra, Integrated Math 3 (IM3), or the equivalent with a "C-" or better. You may take Calculus with support or one (1) course before Calculus.

- If you choose to take one prep course before Calculus:
  - Choose *one* of the following options:
    - **MATH 375: Pre-Calculus**[8] (6 units)
    - **MATH 375: Pre-Calculus**[8] (6 units) and **MATHS 75: Support for Pre-Calculus** (2 units) – *must be taken concurrently*
    - **MATH 385: Calculus Preparation for STEM** (4 units)
    - **MATH 385: Calculus Preparation for STEM** (4 units) and **MATHS 85: Support for Calculus Preparation for STEM** (2 units) – *must be taken concurrently*
  - Then:
    - **MATH 400: Calculus I**[10] (5 units)and **MATHS 60: Support for Calculus I**[9] (3 units) – *must be taken concurrently*

- If you choose to go straight to Calculus:
  - **MATH 400: Calculus I**[10] (5 units)and **MATHS 60: Support for Calculus I**[9] (3 units) – *must be taken concurrently*

STEM 5 Level

This option is for students who have passed Pre-Calculus, Integrated Math 4 (IM4), Trigonometry, or the equivalent with a "C-" or better. Choose *one* of the following options:

- **MATH 400: Calculus I**[10] (5 units)
- **MATH 400: Calculus I**[10] (5 units)and **MATHS 60: Support for Calculus I**[9] (3 units) – *must be taken concurrently*

Sequence of Final Four Courses in Calculus Pathway

1. **MATH 401: Analytic Geometry and Calculus II**[10] (5 units)
2. **MATH 402: Analytic Geometry and Calculus III**[10] (5 units)
3. **MATH 410: Intro to Linear Algebra**[10] (3 units)
4. **MATH 420: Differential Equations**[10] (4 units)

[8] AA/AS-applicable and is transferable to CSU. Speak with a counselor for transfer information.

[9] Support Support course may be required based on placement results.

[10] AA/AS-applicable and is transferable to CSU/UC. Speak with a counselor for transfer information.

Medical Laboratory Technician

Overview

The medical laboratory technician (MLT) program at Folsom Lake College is designed to prepare students to qualify for and pass the National Medical Laboratory Technician Licensing exam. The Folsom Lake College MLT program is accredited by the California Department of Public Health (CDPH) (https://www.cdph.ca.gov/), Laboratory Field Services (LFS) (https://www.cdph.ca.gov/Programs/OSPHLD/LFS/Pages/Home.aspx), and the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) (https://naacls.org/). For more information, FAQ's and to apply, please visit our medical laboratory technician department website.

Degrees and Certificates Offered

A.S. in Medical Laboratory Technician

Pre-Clinical Laboratory Scientist Trainee Certificate

Division Dean: John Skellenger

Department Chair: Jason Pedro

Phone: (916) 608-6927

Email: skellej@flc.losrios.edu

Associate Degree

A.S. in Medical Laboratory Technician

The Medical Laboratory Technician Program and Degree aim to produce highly skilled individuals who pass the national licensing exam and remain committed to ethical and professional standards in healthcare. Graduates will exhibit core values such as accountability, dedication, work ethic, and trust. The program includes didactic, laboratory, and practicum components to help students achieve their educational and career goals. It prepares students for careers in clinical laboratories, industry, and biotechnology, where they may work as Medical Laboratory Technicians, Laboratory Assistants, or Research Technicians. The curriculum integrates foundational concepts, technical procedures, and laboratory exercises before practical experience. Practicum courses take place at affiliate sites, providing hands-on experience in the responsibilities of a Medical Laboratory Technician. The program ensures students master the competencies, skills, and knowledge required for the profession, including laboratory procedures in chemistry, urinalysis, phlebotomy, hematology, coagulation, microbiology, immunohematology, and immunology. These procedures are essential for maintaining health and diagnosing or treating disease. Coursework emphasizes mathematical and scientific concepts related to specimen collection, laboratory testing, quality assurance, and reporting/interpreting findings from tissues, blood, and body fluids. The program also stresses the importance of professional standards and ethical obligations in healthcare. Each part of the curriculum fosters professional competence, personal growth, and effective patient care. Students must purchase personal protective equipment and minor supplies, including safety glasses, disposable gloves, and glass slides. Access to a computer and printer is also required. Additionally, students must purchase their portion of the college's liability insurance and undergo a background and drug screening. Immunization documentation (e.g., MMR, Varicella, Tdap, Hepatitis B, Influenza), and a negative tuberculosis test are mandatory, as students will handle blood and body fluid specimens. Health insurance is strongly advised. More information and a full cost breakdown can be found at https://flc.losrios.edu/academics/medical-technology-and-pre-clinical-laboratory-science-department.

Degree Requirements

Course Code	Course Title	Units
MEDTEC 310	Introduction to Medical Laboratory Techniques and Skin Punctures	2
MEDTEC 323	Clinical Chemistry	5
MEDTEC 324	Urine and Body Fluid Analysis	2
MEDTEC 325	Molecular Methods in Medical Laboratory Technology	2
MEDTEC 330	Hematology	5
MEDTEC 340	Immunology and Immunohematology	5
MEDTEC 350	Clinical Microbiology	5
MEDTEC 360	Chemistry and Urinalysis Practicum	4
MEDTEC 361	Hematology and Hemostasis Practicum	4
MEDTEC 362	Immunology and Immunohematology Practicum	4
MEDTEC 363	Microbiology Practicum	4
A minimum of 0 units from the following:		0[1]
MEDTEC 311	Advanced Phlebotomy Venipuncture Skills (2)	
MEDTEC 312	Phlebotomy Clinical Internship (2)	

Course Code	Course Title	Units
Total Units:		42

[1]Students that hold a valid and current California Phlebotomist certificate (CPT-1) are not required to take MEDTEC 311 or MEDTEC 312 while participating in the Medical Laboratory Technician Program. Per the State of California, students without a valid and current CPT-1 certificate are required to take MEDTEC 311 and MEDTEC 312 as part of their Medical Laboratory Technician training.

The Medical Laboratory Technician Associate in Science (A.S.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- Complete the application process for enrollment in the MLT program.
- Beginning in 2026, all applicants must possess a valid MLT Trainee License issued by the California Department of Public Health (CDPH), Laboratory Field Services. More information on obtaining a MLT Trainee License can be found here: https://www.cdph.ca.gov/Programs/OSPHLD/LFS/Pages/ClinicalLaboratoryPersonnel.aspx
- Acceptance into the MLT program and completion of all of the following eligibility criteria with a grade of "C" or better. All science prerequisites must be completed at the time of application. Up to two (2) non-science prerequisites can be in-progress during the application period. The in-progress courses must conclude prior to the start of the MLT program.
- CHEM 400 - General Chemistry I, or CHEM 420 - Organic Chemistry I
- CHEM 401 - General Chemistry II, or CHEM 421 - Organic Chemistry II
- BIOL 400 - Principles of Biology, or BIOL 430 & 431 -Anatomy and Physiology (Both courses must be completed).
- BIOL440 - General Microbiology, or BIOL442 - General Microbiology and Public Health
- STAT 300 - Introduction to Probability and Statistics, or PSYC 330 - Introductory Statistics for the Behavioral Sciences, or ECON 310 - Statistics for Business and Economics
- COMM 321 - Interpersonal Communication (preferred), or any other 3-unit communication course.
- AH 311 - Medical Language for Health-Care Providers
- Students may take General Education requirements concurrently with prerequisite courses and during the didactic portion of the MLT Program. During the practicum portion of the MLT Program students are required to intern at their clinical site for 40 hours per week. As such, enrolling in additional courses can only occur outside of these assigned hours. The above also applies to students who are employed and work hours outside of the MLT Program. No exceptions will be made, which result in missed MLT Program hours, for students who need to commit hours to their employer or any other outside entity.
- In order to qualify to sit for the national licensing exam and acquire California MLT licensure, students must complete 60 semester units, 36 of which must be in physical or biological sciences. While the MLT program and its prerequisite courses typically meet this requirement for most students, it is ultimately the student's responsibility to ensure they have the appropriate semester units for MLT licensure.
- It is the student's responsibility to ensure they have met all state and national licensure requirements including but not limited to: possession of a valid social security number, appropriate semester units, and post-graduation licensure fees. More information can be found at https://www.cdph.ca.gov/programs/osphld/lfs/pages/mlt.aspx and https://www.ascp.org/content/board-of-certification.
- Students need not hold a certificate in phlebotomy to apply to the MLT program at FLC. Those who do not already have a phlebotomy certificate will be trained in phlebotomy per the standards set forth in the California Administration Code Title 17 1035.3. Students already in possession of a valid California Certified Phlebotomy Technician certification (CPT-1) will need not enroll in the phlebotomy courses, MEDTEC 311 and 312.

Enrollment Process

Eligible students are selected for the program according to the following steps:

- Applications to the program may be obtained online at: https://flc.losrios.edu/academics/medical-technology-and-pre-clinical-laboratory-science-department/apply-to-the-mlt-program.
- Only students who meet the pre-enrollment requirements and follow the pre-enrollment procedures, including a pre-application meeting with Counseling Services, will be considered for the MLT Program. Meeting all these requirements does not guarantee acceptance into the program.
- Selection is based on a computerized random selection process from a qualified applicant pool.

- The students accepted into the MLT Program must fulfill all requirements set forth by the MLT Student Guidelines including but not limited to: background clearance, physical examination, immunization clearance, and drug screening. The student is responsible for any cost incurred related to meeting the requirements.
- Students who are not accepted into the MLT Program must reapply to the program at its next offering. There is no waitlist for the MLT Program.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- pass the nationally recognized certification examination.
- apply appropriate quality control procedures and recognize and interpret erroneous results for any applicable medium-complexity laboratory testing process.
- describe the principles, the clinical significance, and critical values of applicable medium-complexity clinical laboratory test results.
- demonstrate safe use and disposal of biohazardous materials, and the proper methods of specimen preparation.
- assess sample quality and cite any pre-analytical variables in testing.
- demonstrate successful venipunctures and skin punctures on patients from a variety of age groups with a variety of medical conditions.
- exhibit professional and committed delivery of excellent health care.

Career Information

The Medical Laboratory Technician is an entry-level position in the healthcare industry with a current (2025) approximate starting wage range of $29.00-$46.00 hourly. The role of the Medical Laboratory Technician is to perform routine laboratory analyses that are involved in the detection, diagnosis, and treatment of diseases. With increasing reliance on computer technology, the role of the medical laboratory technician has become less hands-on and more analytical. The Medical Laboratory Technician will be an entry-level position for the healthcare industry and/or a transfer opportunity to schools offering a B.S. in Medical Technology.

Certificate of Achievement

Pre-Clinical Laboratory Scientist Trainee Certificate

The Pre-Clinical Laboratory Scientist Trainee certificate aims to guide individuals who are hoping to become a licensed Clinical Laboratory Scientist (CLS) in the State of California. As part of this process, individuals must obtain a CLS Trainee license from the California Department of Public Health Department of Laboratory Field Services (CDPH-LFS) before enrolling in a CLS Program. The CLS Trainee license has several prerequisite courses that this certificate, and its prerequisite courses, aim to satisfy. To be clear, the Pre-Clinical Laboratory Scientist Trainee certificate is not a CLS program, nor does it allow graduates to work in the clinical laboratory upon graduation. Instead, this certificate provides a clear path for individuals interested in pursuing entry into a CLS program. The Pre-Clinical Laboratory Scientist Trainee certificate does not grant entry into any CLS Program. Students interested in CLS must apply to CLS programs separately and comply with each program's individual requirements. Furthermore, in order to receive a CLS Trainee License from the State of California, students are required to submit an application to the California Department of Public Health. More information on this process can be on the MLT Department webpage: https://www.flc.losrios.edu/academics/medical-technology-department. The required didactic curriculum prepares individuals to perform basic clinical laboratory procedures in chemistry, hematology, microbiology, immunohematology, and immunology. Course work emphasizes mathematical and scientific concepts related to specimen collection, laboratory testing and procedures, quality assurance and reporting/recording and interpreting findings involving tissues, blood, and body fluids. Purchase of personal protective equipment and minor class supplies including, but not limited to: safety glasses, disposable gloves, and glass slides, is required. Access to a computer and printer is also required. Students are further advised to ensure all their immunizations are current as blood and body fluids are utilized. Immunizations include, but are not limited to: Hepatitis B, Measles-Mumps-Rubella (MMR), Varicella Zoster, Tetanus-Diphtheria-Pertussis (Tdap), and Influenza.

Certificate Requirements

Course Code	Course Title	Units
MEDTEC 310	Introduction to Medical Laboratory Techniques and Skin Punctures	2
MEDTEC 323	Clinical Chemistry	5
MEDTEC 324	Urine and Body Fluid Analysis	2
MEDTEC 325	Molecular Methods in Medical Laboratory Technology	2

Course Code	Course Title	Units
MEDTEC 330	Hematology	5
MEDTEC 340	Immunology and Immunohematology	5
MEDTEC 350	Clinical Microbiology	5
Total Units:		**26**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply appropriate quality control procedures and recognize and interpret erroneous results in the laboratory testing process.
- describe the principles, the clinical significance, and critical values of clinical laboratory test results.
- demonstrate safe use and disposal of biohazardous materials, and the proper methods of specimen preparation.
- assess sample quality and cite any pre-analytical variables in testing.

Medical Technology (MEDTEC) Courses

MEDTEC 310 Introduction to Medical Laboratory Techniques and Skin Punctures

Units: 2

Hours: 27 hours LEC; 27 hours LAB

Prerequisite: AH 311 with a grade of "C" or better

Enrollment Limitation: Due to the course's involvement with blood and body fluids, as well as licensure restrictions, students must be at least 18 years old to enroll in this course.

Transferable: CSU

This course introduces concepts in clinical laboratory medicine including: quality control, analytical errors, laboratory math, specimen collection, safety, professionalism, and ethics. Students also utilize laboratory equipment and perform skin punctures on other students. Purchase of personal protective equipment and minor class supplies including, but not limited to: safety glasses, disposable gloves, and glass slides, is required. Students are further advised to ensure all their immunizations are current as blood and body fluids are utilized. Immunizations include, but are not limited to: Hepatitis B, Measles-Mumps-Rubella (MMR), Varicella Zoster, Tetanus-Diphtheria-Pertussis (Tdap), and Influenza.

MEDTEC 311 Advanced Phlebotomy Venipuncture Skills

Units: 2

Hours: 21 hours LEC; 45 hours LAB

Prerequisite: MEDTEC 310 with a grade of "C" or better

Enrollment Limitation: Students must be admitted to the Medical Laboratory Technician Program at Folsom Lake College. Students must also provide documentation of Hepatitis B vaccination status before beginning this class, as students will be handling blood and body fluid specimens in all class sessions. Students are also required to purchase their portion of the college's liability insurance policy.

Transferable: CSU

This course provides didactic instruction in Advanced Phlebotomy procedures as required by the California Department of Public Health (CDPH) regulations. Students learn to perform a venipuncture (the penetration of a vein with a needle to withdraw blood for therapeutic or clinical laboratory testing) on other students using the three available systems. Students may be required to attend a field trip and provide their own transportation. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves is required. Students are further advised to ensure all their immunizations are current as blood and body fluids are utilized. Immunizations include, but are not limited to: Hepatitis B, Measles-Mumps-Rubella (MMR), Varicella Zoster, Tetanus-Diphtheria-Pertussis (Tdap), and Influenza.

MEDTEC 312 Phlebotomy Clinical Internship

Units: 2

Hours: 9 hours LEC; 81 hours LAB

Prerequisite: MEDTEC 311 with a grade of "C" or better

Enrollment Limitation: Students must be admitted to the Medical Laboratory Technician Program and have met all requirements for entry including, but not limited to: passing all drug, background, and immunology screening requirements, paying their portion of the college's liability insurance policy, and obtaining personal health insurance.

Transferable: CSU

This course provides a clinical laboratory experience in the phlebotomy department of a health care organization. The clinical internship is conducted as a non-paid laboratory experience and the student is

required to attend the facility for the minimum required hours. Students will perform at least 50 venipuncture procedures on patients from a variety of age groups and medical conditions. Emphasis will be placed on safety, specimen quality, and proper venipuncture technique. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

MEDTEC 323 Clinical Chemistry

Units: 5

Hours: 63 hours LEC; 81 hours LAB

Prerequisite: CHEM 401 or 421 with a grade of "C" or better

Advisory: PSYC 330 or STAT C1000 with a grade of "C" or better

Transferable: CSU

This course introduces students to mathematical applications in the clinical laboratory, especially as applied to quality assurance, quality control and reporting of results. Also covered is the basic biochemistry of metabolism, including carbohydrates, proteins, lipids and electrolytes, and the instrumentation used for their measurement. The study of endocrinology, enzyme function, therapeutic drugs, and blood gases will also be covered. Discussion topics will be correlated with applications in human medicine.Purchase of personal protective equipment, including safety glasses and disposable gloves, is required. Students are further advised to ensure all their immunizations are current as blood and body fluids are utilized. Immunizations include, but are not limited to: Hepatitis B, Measles-Mumps-Rubella (MMR), Varicella Zoster, Tetanus-Diphtheria-Pertussis (Tdap), and Influenza.

MEDTEC 324 Urine and Body Fluid Analysis

Units: 2

Hours: 20 hours LEC; 48 hours LAB

Prerequisite: BIOL 400 or 440 with a grade of "C" or better

Advisory: MEDTEC 323

Transferable: CSU

An introduction to the study of urine and body fluid analysis. Includes the anatomy and physiology of the kidney, physical, chemical and microscopic examination of urine, cerebrospinal fluid, and other body fluids as well as quality control, quality assurance and safety. Also covered is the metabolism resulting in these body fluids and the associated abnormalities and their applications in human medicine. Purchase of personal protective equipment, including safety glasses and disposable gloves, is required. Students are further advised to ensure all their immunizations are current as blood and body fluids are utilized. Immunizations include, but are not limited to: Hepatitis B, Measles-Mumps-Rubella (MMR), Varicella Zoster, Tetanus-Diphtheria-Pertussis (Tdap), and Influenza.

MEDTEC 325 Molecular Methods in Medical Laboratory Technology

Units: 2

Hours: 20 hours LEC; 48 hours LAB

Prerequisite: BIOL 400 with a grade of "C" or better

Transferable: CSU

Introduces the principles and application of molecular diagnostics in the clinical laboratory. Purchase of personal protective equipment, including safety glasses and disposable gloves, is required. Students are further advised to ensure all their immunizations are current as blood and body fluids are utilized. Immunizations include, but are not limited to: Hepatitis B, Measles-Mumps-Rubella (MMR), Varicella Zoster, Tetanus-Diphtheria-Pertussis (Tdap), and Influenza.

MEDTEC 330 Hematology

Units: 5

Hours: 63 hours LEC; 81 hours LAB

Prerequisite: BIOL 400 or 440 with a grade of "C" or better

Advisory: CHEM 401 or 421 with a grade of "C" or better

Transferable: CSU

This course provides an overview of human blood cell development and function. Hematological disorders and corresponding laboratory findings will also be addressed. Purchase of personal protective equipment, including safety glasses and disposable gloves, is required. Students are further advised to ensure all their immunizations are current as blood and body fluids are utilized. Immunizations include, but are not limited to: Hepatitis B, Measles-Mumps-Rubella (MMR), Varicella Zoster, Tetanus-Diphtheria-Pertussis (Tdap), and Influenza.

MEDTEC 340 Immunology and Immunohematology

Units: 5

Hours: 63 hours LEC; 81 hours LAB

Prerequisite: CHEM 401 or 421 with a grade of "C" or better

Advisory: MEDTEC 330 with a grade of "C" or better

Transferable: CSU

This course introduces the principles of the immune response, including cells and function of the immune system as well as antibody and antigen reactions. Blood grouping, compatibility testing, transfusion medicine, immunological and serological testing procedures are also discussed.Purchase of personal protective equipment, including safety glasses and disposable gloves, is required. Students are further advised to ensure all their immunizations are current as blood and body fluids are utilized. Immunizations include, but are not limited to: Hepatitis B, Measles-Mumps-Rubella (MMR), Varicella Zoster, Tetanus-Diphtheria-Pertussis (Tdap), and Influenza.

MEDTEC 350 Clinical Microbiology

Units: 5

Hours: 63 hours LEC; 81 hours LAB

Prerequisite: BIOL 400 or 440 with a grade of "C" or better

Advisory: CHEM 401 or 421

Transferable: CSU

This course discusses pathogenic bacteria, fungi and parasites. Emphasis is placed on morphology and identification of medically important organisms and techniques used in their identification. Purchase of personal protective equipment and minor class supplies including, but not limited to: safety glasses, disposable gloves, and glass slides, is required. Students are further advised to ensure all their immunizations are current as blood and body fluids are utilized. Immunizations include, but are not limited to: Hepatitis B, Measles-Mumps-Rubella (MMR), Varicella Zoster, Tetanus-Diphtheria-Pertussis (Tdap), and Influenza.

MEDTEC 360 Chemistry and Urinalysis Practicum

Units: 4

Hours: 216 hours LAB

Prerequisite: MEDTEC 323 with a grade of "C" or better

Enrollment Limitation: Students must be admitted to the Medical Laboratory Technician Program and have met all requirements for entry including, but not limited to: passing all drug, background, and immunology screening requirements, paying their portion of the college's liability insurance policy, and obtaining personal health insurance.

Transferable: CSU

This course provides a clinical laboratory experience in the chemistry department of a health care organization. Instrumentation and manual methods will be introduced. The clinical internship is conducted as a non-paid laboratory experience and the student is required to attend the facility for the minimum required hours. Emphasis will be placed on technique, accuracy and precision as well as quality control, bio-marker significance, and urinalysis procedures. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

MEDTEC 361 Hematology and Hemostasis Practicum

Units: 4

Hours: 216 hours LAB

Prerequisite: MEDTEC 330 with a grade of "C" or better

Enrollment Limitation: Students must be admitted to the Medical Laboratory Technician Program and have met all requirements for entry including, but not limited to: passing all drug, background, and immunology screening requirements, paying their portion of the college's liability insurance policy, and obtaining personal health insurance.

Transferable: CSU

This course provides a clinical laboratory experience in the hematology department of a health care organization. Instrumentation and manual methods will be introduced. The clinical internship is conducted as a non-paid laboratory experience and the student is required to attend the facility for the minimum required hours. Emphasis will be placed on technique, accuracy and precision as well as blood cell differentiation, blood cell indices, and coagulation procedures. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

MEDTEC 362 Immunology and Immunohematology Practicum

Units: 4

Hours: 216 hours LAB

Prerequisite: MEDTEC 340 with a grade of "C" or better

Enrollment Limitation: Students must be admitted to the Medical Laboratory Technician Program and have met all requirements for entry including, but not limited to: passing all drug, background, and immunology screening requirements, paying their portion of the college's liability insurance policy, and obtaining personal health insurance.

Transferable: CSU

This course provides a clinical laboratory experience in the immunology/ immunohematology department of a health care organization. Instrumentation and manual methods will be introduced. The clinical internship is conducted as a non-paid laboratory experience and the student is required to attend the facility for the minimum required hours. Emphasis will be placed on technique, accuracy and precision as well as specimen receipt and evaluation, special handling procedures, and component processing in the transfusion service. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

MEDTEC 363 Microbiology Practicum

Units: 4

Hours: 216 hours LAB

Prerequisite: MEDTEC 350 with a grade of "C" or better

Enrollment Limitation: Students must be admitted to the Medical Laboratory Technician Program and have met all requirements for entry including, but not limited to: passing all drug, background, and immunology screening requirements, paying their portion of the college's liability insurance policy, and obtaining personal health insurance.

Transferable: CSU

This course provides a clinical laboratory experience in the Microbiology department of a health care organization. Instrumentation and manual methods will be introduced. The clinical internship is conducted as a non-paid laboratory experience and the student is required to attend the facility for the minimum required hours. Emphasis will be placed on technique, accuracy and precision as well as specimen evaluation, organism identification, and susceptibility testing. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

MEDTEC 495 Independent Studies in Medical Technology

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

To be written at the time this course is applied.

MEDTEC 499 Experimental Offering in Medical Technology

Units: 0.5 - 4

Prerequisite: None.

To be written when this course is to be offered.

Modern Making

Overview

The modern making curriculum at Folsom Lake College is ideal for makers, artists, entrepreneurs, educators, hobbyists, inventors, and anyone interested in enhancing and developing marketable job skills, solving problems, developing products, improving business processes, or creating works of art using state-of-the-art digital fabrication tools and techniques.

Certificates Offered

Modern Making Certificate

Digital Fabrication Certificate

Physical Computing and the Internet of Things Certificate

Division Dean: Dr. Lorena Navarro

Department Chair: Zack Dowell

Phone: (916) 608-6615

Email: navarrl@flc.losrios.edu

Certificate of Achievement

Modern Making Certificate

The certificate in Modern Making combines hands-on experience in modern making technologies with design thinking, enabling the development of creative prototypes and projects.

Students will gain experience in modern making technologies, techniques, materials and production processes, including digital fabrication and physical computing.

The Modern Making certificate is ideal for entrepreneurs developing products and services, artists creating interactive installations,

educators developing STEM activities for use in the classroom, hobbyists, makers, inventors, and anyone interested in enhancing job skills and solving real-world problems.

Certificate Requirements

Course Code	Course Title	Units
MAKR 100	Introduction to Microcontrollers and Physical Computing	3
MAKR 101	The Internet of Things	3
MAKR 110	3D Design for Additive Manufacturing	3
MAKR 111	Digital Fabrication	3
MAKR 290	Modern Making Capstone Project	1
A minimum of 3 units from the following:		3
BUS 357	Entrepreneurship, Innovation, and New Enterprise Development (3)	
SOC 379	Making Social Change (3)	
TA 420	Stagecraft (3)	
TA 423	Introduction to Scene Design for the Stage (3)	
Total Units:		**16**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate physical computing and Internet of Things products, services and devices, and choose appropriate technologies for a given application.
- utilize software, microcontrollers, and related electronic components to create interactive objects, prototypes and devices that integrate programming, networking, sensing, and actuation and that respond to environmental and user inputs.
- evaluate various digital fabrication technologies, techniques, and materials and select the appropriate approach or combination of approaches for a given application or to solve a particular problem.
- utilize a variety of tools to create, modify, adapt and prepare files for production using digital fabrication technologies, including 3D printing, laser cutting, and Computer Numerical Control (CNC) milling.
- apply design thinking and the tools, techniques and technologies of digital fabrication, physical computing and the internet of things to develop prototypes and solutions across disciplines.

Certificates

Digital Fabrication Certificate

Digital fabrication is the process of translating a digital design developed on a computer into a physical object, using a variety of techniques, equipment, materials and production processes. Students completing the Digital Fabrication certificate will develop experience with design, development and production of physical objects, using a combination of hardware and software.

The Digital Fabrication certificate is ideal for makers, artists, entrepreneurs, educators, hobbyists, inventors, and anyone interested in enhancing job skills, solving problems, developing products, improving business processes, or creating works of art.

Certificate Requirements

Course Code	Course Title	Units
MAKR 110	3D Design for Additive Manufacturing	3
MAKR 111	Digital Fabrication	3
Total Units:		**6**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate various digital fabrication technologies, techniques, and materials and select the appropriate approach or combination of approaches for a given application or to solve a particular problem.
- design and develop conceptual and functional prototypes that meet project requirements, using the principles of design thinking.
- utilize a variety of tools to create, modify, adapt and prepare files for production using digital fabrication technologies, including 3D printing, laser cutting, and Computer Numerical Control (CNC) milling.

Physical Computing and the Internet of Things Certificate

Physical Computing and the Internet of Things (IoT) are terms used to describe the internetworking of physical devices, vehicles, buildings and other items embedded with electronics, software, sensors, actuators, and network connectivity that enable these objects to collect and exchange data. Examples of physical computing and IoT devices include home automation systems, remote monitoring solutions, and "smart" devices of all kinds.

Upon completing this hands-on certificate, students will have a solid

foundation in physical computing and IoT techniques and technologies, including evaluating devices and services, the use of microcontrollers, developing and modifying programming code, using sensors to record and evaluate environmental data, and employing various kinds of actuators to respond to user and environmental inputs.

The Physical Computing and the Internet of Things certificate is ideal for entrepreneurs developing products and services, artists wishing to create interactive installations, educators developing STEM activities for use in the classroom, small business owners working to improve business processes, hobbyists and makers and inventors, and anyone interested in enhancing job skills and solving real-world problems.

Certificate Requirements

Course Code	Course Title	Units
MAKR 100	Introduction to Microcontrollers and Physical Computing	3
MAKR 101	The Internet of Things	3
Total Units:		**6**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate physical computing and Internet of Things products, services and devices, and choose appropriate technologies for a given application.
- design and develop physical computing and Internet of Things solutions using the principles of design thinking.
- utilize software, microcontrollers, and related electronic components to create interactive objects, prototypes and devices that integrate programming, networking, sensing, and actuation and respond to environmental and user inputs.

Modern Making (MAKR) Courses

MAKR 100 Introduction to Microcontrollers and Physical Computing

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Physical computing is a term for interactive physical systems that combine software and hardware to sense and respond to the analog world. In this hands-on course, students will learn to employ design thinking to create solutions that satisfy design requirements, and combine programming, microcontrollers, sensors, and output devices to develop conceptual and functional physical computing prototypes.

This course is designed for makers, artists and inventors, entrepreneurs, educators, hobbyists, and anyone interested in solving problems, developing or enhancing products, improving business processes, gaining additional job skills, or creating interactive art. No prior experience with programming or microcontrollers required. Students will need access to a microcontroller starter kit.

MAKR 101 The Internet of Things

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

The course is an introduction to the concepts and technologies that enable the Internet of Things (IoT), including software, microcontrollers, network technologies, sensors and actuators. In this hands-on course, students will be introduced to the history and evolution of IoT, analyze and evaluate a variety of IoT systems and devices used in manufacturing, environmental monitoring, home automation, medical devices, and consumer products, and use design thinking and hardware and software skills to design, build, and test a simple IoT prototype.

This course is designed for makers, artists and inventors, entrepreneurs, educators, hobbyists, and anyone interested in enhancing job skills, solving problems, developing or improving products and business processes, or creating interactive art. No prior experience with programming or microcontrollers required. Students will need access to an Arduino microcontroller starter kit.

MAKR 110 3D Design for Additive Manufacturing

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

In this hands-on course, students will design and fabricate 3D objects using computer-aided design (CAD) software and 3D printers. They will participate in the design process and become familiar with the advantages and limitations of each 3D printing technology in terms of precision, resolution, and material capabilities. Students will employ design thinking to create solutions that satisfy design requirements, and apply 3D printing technology to develop conceptual and functional prototypes. Designed for students with no prior experience with 3D printing or design.

MAKR 111 Digital Fabrication

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

In this hands-on course, students will design and fabricate objects using computer-aided design (CAD) software and a variety of digital fabrication tools and technologies, including 3D printing (3DP), laser cutting, and Computer Numerical Control (CNC) milling, while employing design thinking to create conceptual and functional prototypes that satisfy project requirements.

This course is designed for makers, artists and inventors, entrepreneurs, educators, hobbyists, and anyone interested in enhancing job skills, solving problems, developing or improving products and business processes, or creating works of art. No prior experience with digital fabrication required.

MAKR 290 Modern Making Capstone Project

Units: 1

Hours: 18 hours LEC

Prerequisite: MAKR 100, 101, 110, and 111 with grades of "C" or better

The capstone project is an opportunity for students to demonstrate applied interdisciplinary skills, creativity, problem solving, and design thinking in the development of an in-depth making project. Working with faculty, students will create a project plan and develop a work product using skills, technologies and techniques of making. Students may choose to extend a prototype developed as part of a MAKR class, or address an identified challenge or need from the perspective of a specific discipline. Successful projects integrate modern making skills and techniques, and embody an awareness of a variety of constraints, including economic factors, user experience, safety, reliability, resources, market needs, aesthetics, ethics, and social impact. Students will have the opportunity to present their work as part of spotlight and showcase events. Students are required to supply materials and supplies to complete their projects.

MAKR 295 Independent Studies in Modern Making

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

MAKR 298 Work Experience in Modern Making

Units: 0.5 - 4

Prerequisite: None.

Advisory: ENGL 110 and ESL 325

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within the field of Modern Making. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the semester, the student is required to attend orientation. The student is required to complete 37.5 hours of related paid work experience, or 30 hours of related unpaid work experience for 0.5 unit. An additional 37.5 or 30 hours of related work experience is required for each additional 0.5 units. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

MAKR 299 Experimental Offering in Modern Making

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

MAKR 498 Work Experience in Modern Making

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Advisory: ENGL 110 or ESL 325

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

Music

Overview

The Folsom Lake College music curriculum includes vocal and instrumental components, as well as courses on music and music history. The curriculum in music is designed to provide students with a foundation in music to gain an appreciation of, and an interest in, pursuing music as a hobby or career.

Degrees and Certificates Offered

A.A.-T. in Music

A.A. in Commercial Music, Entrepreneurship

A.A. in Interdisciplinary Studies: Arts and Humanities

Commercial Music: Live Sound Technician Certificate

Commercial Music: Multimedia Music Composition Certificate

Commercial Music: Music Entrepreneurship Certificate

Commercial Music: Performance Certificate

Commercial Music: World Music Certificate

Division Dean: Francis Fletcher

Department Chair: Philip Angove

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in Music

Completion of this degree provides a basic foundation in music. Program offerings include course work in music theory and aural skills, applied instrumental and vocal instruction, and ensemble performance.

The Associate in Arts in Music for Transfer provides students with a major that fulfills the general requirements of the California State University for transfer. Students with this degree will receive priority admission with junior status to the California State University system.

The Associate Degree for Transfer (ADT) student completion requirements (as stated in SB1440 law):

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) The California General Education Transfer Curriculum (CAL-GETC).
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

AA-Ts also require that students must earn a “C” or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
MUFHL 400	Music Theory and Musicianship I	4
MUFHL 401	Music Theory and Musicianship II	4
MUFHL 410	Music Theory and Musicianship III	4
A minimum of 4 units from the following:		4[1]
MUIVI 420	Applied Music (1)	
A minimum of 3 units from the following:		3
MUFHL 411	Music Theory and Musicianship IV (4)	
MUIVI 345	Beginning Piano I (1 - 2)	
MUIVI 346	Beginning Piano II (1 - 2)	
MUSM 334	Introduction to Musical Instrument Digital Interface (MIDI) (2)	

Course Code	Course Title	Units
MUFHL 310	Survey of Music History and Literature (Greek Antiquity to 1750) (3)	
or MUFHL 311	Survey of Music History and Literature (1750 to the present) (3)	
A minimum of 8 units from the following:		8
MUP 320	Jazz Band (2)	
MUP 400	Vocal Jazz Ensemble (2)	
MUP 424	Commercial Music Ensemble (2)	
MUP 310	Orchestra (2)	
MUP 311	Advanced Orchestra (1 - 2)	
Total Units:		27

[1]Students must enroll in and complete MUIVI 420 each semester for 4 semesters.

The Associate in Arts in Music for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Enrollment Process

Eligible students are selected for the program according to the following steps:

- Pass audition for MUIVI 420 (given the 1st week of classes.)
- Pass music literacy test (given the first day of MUFHL 400.)

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- perform harmonic analysis of musical compositions and scores including advanced harmonies with borrowed chords, secondary dominants, chromatic mediants, higher tertian, augmented 6th chords and harmonic modulation.
- perform music on 1 primary instrument/voice at a level appropriate to the area of specialization.
- perform critical analysis of musical performances.
- demonstrate advanced aural skills in rhythmic, melodic and harmonic dictation and sight-singing.
- understand, identify and recognize the elements of music including melody, rhythm, harmony, formal structures and cadences.

Career Information

Individuals with four-year degrees in music may teach in the K-12 educational field as well as perform in professional music ensembles, direct religious and community music groups, instruct in private music studios, compose for media and publishing, engage in music entrepreneurship endeavors, and serve as administrative staff for music organizations. Advanced degrees in music may lead to careers as educators at the college or university level, performers, music directors, music editors, ethnomusicologists, and music journalists.

Associate Degrees

A.A. in Commercial Music, Entrepreneurship

This program is designed to prepare students for the multiple musical and business skills required in the modern music industry including live-performance, self-producing audio and video recordings, touring, merchandising, marketing and promotion. It also prepares students to integrate emergent technologies into their music revenue models and to monetize musical products and services through internet applications.

Degree Requirements

Course Code	Course Title	Units
MUFHL 400	Music Theory and Musicianship I	4
MUFHL 401	Music Theory and Musicianship II	4
MUSM 110	The Business of Music	3
MUSM 111	The Business of Music	3
MUSM 306	Live Sound Reinforcement	3
MUSM 334	Introduction to Musical Instrument Digital Interface (MIDI)	2
MUSM 356	Pro Tools 101, Introduction to Pro Tools	1.5
MUFHL 308	Introduction to Music: Rock & Roll (3)	3
or MUFHL 315	Jazz History (3)	
or MUFHL 330	World Music (3)	
A minimum of 4 units from the following:		4
MUIVI 420	Applied Music (1)	
A minimum of 4 units from the following:		4
MUP 310	Orchestra (2)	
MUP 311	Advanced Orchestra (1 - 2)	
MUP 320	Jazz Band (2)	
MUP 350	Concert Choir I (2)	
MUP 357	College Chorus (2)	
MUP 360	Chamber Singers (2)	
MUP 424	Commercial Music Ensemble (2)	
MUP 426	World Music Ensemble (1)	

Course Code	Course Title	Units
Total Units:		31.5

The Commercial Music, Entrepreneurship Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- Complete an audition for Applied Music prior to the 1st semester of enrollment.
- Meet eligibility for enrollment in MUFHL 400 by taking MUFHL 321 (offered each summer) or passing the challenge exam.
- Enroll in an ensemble course (MUP series) each semester of enrollment in the program.

Enrollment Process

Eligible students are selected for the program according to the following steps:

- Contact Music Dept. Chair to schedule audition for MUIVI 420.
- Enroll in MUFHL 321 or contact Music Dept. Chair to take challenge exam prior to beginning of Fall term.
- Meet with counseling staff to declare major.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- Perform/record a variety of solo and ensemble repertoire representative of several different genre.
- Develop a comprehensive marketing plan for a music ensemble or business that utilizes online marketing tools and incorporates multiple revenue streams and expanding areas of geographic impact.
- Produce a 3-track demo recording (audio) incorporating recorded live (human) instrumentals/vocals, digitally sequenced backing tracks and edited using pro audio software applications.
- Produce a marketing video for a musical performance/product/tour for use in online marketing campaigns.

Career Information

Students completing the Commercial Music Entrepreneurship Degree will have numerous career opportunities aligned with the 21st century music industry, the gig economy and the multiple revenue stream model of employment, including (but not limited to): performer, arranger, composer, producer, sound engineer, live sound technician, music agent, promoter, music educator and music business owner.

A.A. in Interdisciplinary Studies: Arts and Humanities

The Interdisciplinary Studies degree is designed for students who seek a greater understanding of disciplines within the arts and humanities. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Arts and Humanities. These courses emphasize the study of cultural, literary, and humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities). Students will learn to value aesthetic understanding and incorporate these concepts when constructing value judgments (Possible majors at a four-year institution include, but are not limited to: Art, English, Foreign Language, Humanities, Linguistics, Music, Philosophy, and Theatre Arts).

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
ART 300	Drawing and Composition I (3)	
ART 302	Drawing and Composition II (3)	
ART 304	Figure Drawing I (3)	
ART 308	Perspective Drawing (3)	
ART 310	Pen and Ink Drawing (3)	
ART 312	Portrait Drawing (3)	

Course Code	Course Title	Units
ART 320	Design: Fundamentals (3)	
ART 323	Design: Color Theory (3)	
ART 327	Painting I (3)	
ART 332	Oil Painting (3)	
ART 334	Acrylic Painting (3)	
ART 336	Watercolor Painting (3)	
ART 337	Intermediate Watercolor Painting (3)	
ART 361	Printmaking: Survey (3)	
ART 370	Three Dimensional Design (3)	
ART 372	Sculpture (3)	
ART 373	Intermediate Sculpture (3)	
ART 383	Metal Design: Emphasis In Fabrication (3)	
ART 386	Intermediate Metal Design: Emphasis in Fabrication (3)	
ART 387	Intermediate Metal Design: Emphasis in Forming (3)	
ART 390	Ceramics (3)	
ART 402	Beginning Clay Sculpture (3)	
ART 404	Intermediate Clay Sculpture (3)	
ART 430	Art and Children (3)	
ARTH 300	Art Appreciation (3)	
ARTH 304	Ancient Art (3)	
ARTH 306	Medieval Art (3)	
ARTH 307	Italian Renaissance Art (3)	
ARTH 309	Art Survey: Renaissance to 19th Century (3)	
ARTH 311	Art Survey: Modern Art (3)	
ARTH 312	Women in Art (3)	
ARTH 318	History of American Art (3)	
ARTH 324	Art of the Americas (3)	
ARTH 325	Native American Art History (3)	
ARTH 328	Survey of African Art (3)	
ARTH 330	Survey of African-American Art (3)	
ARTH 332	Asian Art (3)	
ARTH 333	Introduction to Islamic Art (3)	
ARTH C1100	Survey of Art from Prehistory to the Medieval Era (3)	
COMM 305	Oral Interpretation (3)	
DANCE 380	World Dance History (3)	
ECE 361	Introducing Young Children to Visual Arts (3)	
ECE 363	Music and Movement with Young Children (3)	

Course Code	Course Title	Units
ENGCW 400	Creative Writing (3)	
ENGCW 410	Fiction Writing Workshop (3)	
ENGCW 420	Poetry Writing Workshop (3)	
ENGCW 430	Creative Non-Fiction Writing Workshop (3)	
ENGLT 303	Introduction to the Short Story (3)	
ENGLT 305	Introduction to the Novel (3)	
ENGLT 310	English Literature I (3)	
ENGLT 311	English Literature II (3)	
ENGLT 319	Introduction to English Epic Poetry (3)	
ENGLT 320	American Literature I (3)	
ENGLT 321	American Literature II (3)	
ENGLT 330	African American Literature (3)	
ENGLT 339	Postmodern American Fiction (3)	
ENGLT 340	World Literature I (3)	
ENGLT 341	World Literature II (3)	
ENGLT 345	Mythologies of the World (3)	
ENGLT 359	Prison Writings: The Rhetoric of Resistance (3)	
ENGLT 360	Women in Literature (3)	
ENGLT 370	Children and Literature (3)	
ENGLT 402	Introduction to Shakespeare and Film (3)	
ENGL 301	College Composition and Literature (3)	
ENGL 481	Honors College Composition and Literature (3)	
FREN 401	Elementary French (4)	
FREN 402	Elementary French (4)	
FREN 411	Intermediate French (4)	
FREN 412	Intermediate French (4)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
HUM 300	Classical Humanities (3)	

Course Code	Course Title	Units
HUM 301	Introduction to the Humanities (3)	
HUM 310	Modern Humanities (3)	
HUM 320	Asian Humanities (3)	
HUM 325	Arts and Humanities of the Islamic World (3)	
HUM 332	American Humanities (3)	
HUM 370	Women and the Creative Imagination (3)	
KINES 309	Sports and Film (3)	
MUFHL 300	Introduction to Music (3)	
MUFHL 308	Introduction to Music: Rock & Roll (3)	
MUFHL 310	Survey of Music History and Literature (Greek Antiquity to 1750) (3)	
MUFHL 311	Survey of Music History and Literature (1750 to the present) (3)	
MUFHL 315	Jazz History (3)	
MUFHL 321	Basic Musicianship (3)	
MUFHL 330	World Music (3)	
MUFHL 400	Music Theory and Musicianship I (4)	
MUFHL 401	Music Theory and Musicianship II (4)	
MUFHL 410	Music Theory and Musicianship III (4)	
MUFHL 411	Music Theory and Musicianship IV (4)	
MUIVI 310	Voice Class I (2)	
MUIVI 345	Beginning Piano I (1 - 2)	
MUIVI 370	Beginning Guitar (2)	
MUP 350	Concert Choir I (2)	
MUP 357	College Chorus (2)	
PHIL 300	Introduction to Philosophy (3)	
PHIL 310	Introduction to Ethics (3)	
PHIL 330	History of Classical Philosophy (3)	
PHIL 331	History of Modern Philosophy (3)	
PHIL 350	Philosophy of Religion (3)	
PHIL 352	Introduction to World Religions (3)	
PHOTO 302	Beginning Digital Photography (3)	
PHOTO 420	History of Photography (3)	
SILA 305	American Sign Language 1 (4)	
SILA 306	American Sign Language 2 (4)	
SILA 315	American Sign Language 3 (4)	
SILA 316	American Sign Language 4 (4)	
SPAN 401	Elementary Spanish I (4)	
SPAN 402	Elementary Spanish II (4)	
SPAN 411	Intermediate Spanish (4)	
SPAN 412	Intermediate Spanish (4)	
TA 300	Introduction to the Theatre (3)	
TA 302	History and Theory of the Theatre I (3)	
TA 303	History and Theory of the Theatre II (3)	
TA 304	Women in Theatre (3)	
TA 308	Diversity in American Theatre (3)	
TA 340	Beginning Acting (3)	
TA 350	Theory and Techniques of Acting I (3)	
TA 351	Theory and Techniques of Acting II (3)	
TA 422	Stage Lighting (3)	
TAFILM 300	Introduction to Film (3)	
TAFILM 303	History of Film: 1880's through 1950's (3)	
TAFILM 304	History of Film: 1950's to Present (3)	
TAFILM 307	Diversity in American Film (3)	
TAFILM 320	Cinema Genres (3)	
TAFILM 330	Film Making (3)	
TAFILM 360	Screenwriting (3)	
TAFILM 480	Honors Introduction to Film (3)	
TAP 300	Modern Rehearsal and Performance I (1 - 3)	
TAP 310	Modern Technical Production I (1 - 3)	
TAP 320	Classical Rehearsal and Performance I (1 - 3)	
TAP 330	Classical Technical Production I (1 - 3)	
TAP 340	Musical Rehearsal and Performance I (1 - 3)	
TAP 350	Musical Technical Production I (1 - 3)	
TAP 360	Children's Theatre Rehearsal and Performance I (1 - 3)	
TAP 370	Children's Theatre Technical Production I (1 - 3)	
TAP 380	Repertory/Touring Rehearsal and Performance I (1 - 3)	
TAP 390	Repertory and Touring Technical Production I (1 - 3)	
Total Units:		18

The Interdisciplinary Studies: Arts and Humanities Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities).

Certificates of Achievement

Commercial Music: Live Sound Technician Certificate

This certificate is designed to train students in live sound reinforcement for preparation for employment as live sound technicians in concert halls, at music venues, theaters, houses of worship, music festivals and other locations where public address systems are utilized.

Certificate Requirements

Course Code	Course Title	Units
MUFHL 400	Music Theory and Musicianship I	4
MUSM 306	Live Sound Reinforcement	3
MUSM 334	Introduction to Musical Instrument Digital Interface (MIDI)	2
MUSM 356	Pro Tools 101, Introduction to Pro Tools	1.5
TA 422	Stage Lighting	3
A minimum of 3 units from the following:		3
MUSM 498	Work Experience in Music Specializations (0.5 - 4)	
Total Units:		**16.5**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- run a public address system for live performances in a variety of settings.
- design and build an onstage live sound set-up utilizing mixers, speakers, sub-woofers, monitors, microphones and amplifiers.
- diagnose and address problems with feedback, unwanted distortion, equipment buzzing and other extraneous sound to maximize amplification while minimizing noise.

Career Information

Students who complete the program will be prepared for employment as live sound technicians in concert halls, music venues, theaters, houses of worship, at music festivals and for other events utilizing a public address system.

Commercial Music: Multimedia Music Composition Certificate

This certificate offers training in music composition geared towards gainful employment in the television, film, video gaming, internet and commercial music industries.

Certificate Requirements

Course Code	Course Title	Units
MUFHL 400	Music Theory and Musicianship I	4
MUFHL 401	Music Theory and Musicianship II	4
MUFHL 410	Music Theory and Musicianship III	4
MUFHL 411	Music Theory and Musicianship IV	4
MUSM 334	Introduction to Musical Instrument Digital Interface (MIDI)	2
MUSM 356	Pro Tools 101, Introduction to Pro Tools	1.5
MUSM 320	Contemporary Songwriting	3
A minimum of 2 units from the following:		2
MUP 320	Jazz Band (2)	
MUP 350	Concert Choir I (2)	
MUP 357	College Chorus (2)	
MUP 360	Chamber Singers (2)	
MUP 400	Vocal Jazz Ensemble (2)	
MUP 424	Commercial Music Ensemble (2)	
MUP 426	World Music Ensemble (1)	
Total Units:		**24.5**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- compose music for a variety of commercial applications, utilizing composition techniques from a range of musical styles and periods.
- sync original music with video footage of film, television, animation and video game applications.
- create an online portfolio of original music representing a variety of multimedia modalities.

Career Information

Composer for Film, TV, Radio, Commercials, Video Games and Websites; Songwriter.

Commercial Music: Music Entrepreneurship Certificate

This program is designed to provide students with the diverse set of skills required of musicians in the rapidly evolving music industry, including performing, composing, recording, promotion, marketing and management.

Certificate Requirements

Course Code	Course Title	Units
MUFHL 400	Music Theory and Musicianship I	4
MUFHL 401	Music Theory and Musicianship II	4
MUSM 110	The Business of Music	3
MUSM 111	The Business of Music	3
MUSM 320	Contemporary Songwriting	3
MUSM 334	Introduction to Musical Instrument Digital Interface (MIDI)	2
MUSM 356	Pro Tools 101, Introduction to Pro Tools	1.5
MUIVI 380	Improvisation Workshop I	2
A minimum of 2 units from the following:		2
MUP 311	Advanced Orchestra (1 - 2)	
MUP 320	Jazz Band (2)	
MUP 350	Concert Choir I (2)	
MUP 357	College Chorus (2)	
MUP 360	Chamber Singers (2)	
MUP 400	Vocal Jazz Ensemble (2)	
MUP 424	Commercial Music Ensemble (2)	
MUP 426	World Music Ensemble (1)	
A minimum of 1 unit from the following:		1
MUSM 498	Work Experience in Music Specializations (0.5 - 4)	
Total Units:		**25.5**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate a mastery of commercial music styles on one primary instrument/voice including demonstrating an ability to improvise solo passages.
- understand key developments in the music industry and the related economic opportunities created by these emerging technologies and revenue streams.
- evaluate the relative advantages of professionally produced audio recordings/media vs. "do-it-yourself" recordings/media and describe the industry applicability of both.
- construct a business marketing plan for a performing artist/ ensemble based upon models of expanding local, regional and national industry markets.
- explain the processes of protecting intellectual property in the music industry including song registration, copyrighting original works and trademark registration.

Career Information

Career opportunities include multiple aspects of the music industry including live performance, composition, concert promotion, music marketing, artist management, recording and audio production.

Commercial Music: Performance Certificate

This program is designed to prepare students to embark on industry careers in music performance and/or to transfer to four-year programs with an emphasis in Music Performance.

Due to the MUIVI 420 requirement in this program, students are advised to contact the music department chair and schedule an audition for MUIVI 420 immediately upon enrolling in this program of study.

Additionally, students are required to be enrolled in an FLC performance ensemble each semester that they are enrolled in this certificate program.

Certificate Requirements

Course Code	Course Title	Units
MUFHL 400	Music Theory and Musicianship I	4
MUFHL 401	Music Theory and Musicianship II	4
MUSM 110	The Business of Music	3
MUSM 334	Introduction to Musical Instrument Digital Interface (MIDI)	2
MUIVI 380	Improvisation Workshop I	2
MUIVI 381	Improvisation Workshop II	2
A minimum of 2 units from the following:		2
MUIVI 420	Applied Music (1)	
A minimum of 1 unit from the following:		1
MUSM 498	Work Experience in Music Specializations (0.5 - 4)	
A minimum of 4 units from the following:		4
MUP 310	Orchestra (2)	
or MUP 320	Jazz Band (2)	
or MUP 350	Concert Choir I (2)	
or MUP 357	College Chorus (2)	
or MUP 360	Chamber Singers (2)	

Course Code	Course Title	Units
or MUP 400	Vocal Jazz Ensemble (2)	
or MUP 422	Special Ensemble Participation (0.5 - 2)	
or MUP 424	Commercial Music Ensemble (2)	
or MUP 426	World Music Ensemble (1)	
Total Units:		24

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate performance ability on a chosen voice or instrument(s) in a variety of musical genre.
- prepare an audition for music industry employment and/or admission to a transfer institution.
- produce a demo tape consisting of three contrasting selections.
- demonstrate a knowledge of evolving music industry economic models and means of gaining employment through them.

Career Information

This program will prepare students for performance careers in a variety of 21st century industry leading music genre including acid-jazz, rock, pop, hip-hop, and alternative/indie.

Commercial Music: World Music Certificate

This certificate is designed to prepare students for employment in the field of World Music performance and/or transfer to undergraduate programs in ethnomusicology.

It is a requirement that students be enrolled in MUP 426 during each semester until they complete the program.

Certificate Requirements

Course Code	Course Title	Units
MUFHL 330	World Music	3
MUFHL 400	Music Theory and Musicianship I	4
MUSM 334	Introduction to Musical Instrument Digital Interface (MIDI)	2
MUSM 356	Pro Tools 101, Introduction to Pro Tools	1.5
A minimum of 2 units from the following:		2
MUP 426	World Music Ensemble (1)	
A minimum of 2 units from the following:		2
MUIVI 420	Applied Music (1)	
A minimum of 3 units from the following:		3
MUSM 498	Work Experience in Music Specializations (0.5 - 4)	
Total Units:		17.5

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate performance ability in a variety of World Music genre.
- synthesize knowledge of performance practices within various World Music traditions with performance techniques on both Western and World Music instruments.
- analyze economic models of globalization and determine impacts upon the music industry.
- produce a demo CD of 3 contrasting World Music selections.

Career Information

This certificate prepares students for a variety of careers in the fields of World Music and ethnomusicology including performer, producer, concert promoter, radio/internet DJ and entrepreneur.

Music - Fundamentals, History, and Literature (MUFHL) Courses

MUFHL 300 Introduction to Music

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID MUS 100

This course is an introduction to music of the Western Tradition. Students will develop analytical listening skills to access and comprehend meanings, functions, and perspectives of music production specific to traditionally understood eras in art history, such as Medieval, Renaissance, Baroque, Classical, Romantic, Twentieth Century, and Contemporary. Students will learn how social aspects, such as race, age, ethnicity, gender, and socio-economic forces influence the ways in which music is produced and received in a variety of social, historical, and cultural contexts.

MUFHL 308 Introduction to Music: Rock & Roll

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course examines social, political, cultural, and economic issues as they relate to the history of Rock & Roll music. It includes guided listening and video presentations to show the evolution of Rock from its roots to current stylistic trends. This course requires no previous musical study.

MUFHL 310 Survey of Music History and Literature (Greek Antiquity to 1750)

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID MUS 105

This course is a historical survey of Western music from Greek antiquity through the Baroque period (c. 1750), emphasizing the relation of music to social, cultural, economic and political factors involved in creating the music. This course is required for music majors and designed for those students with a music background who are particularly interested in the humanities and the arts.

MUFHL 311 Survey of Music History and Literature (1750 to the present)

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID MUS 106

This course is a historical survey of Western classical music from the 18th century Enlightenment through modern times. Students use listening exercises and readings to study the development of classical music in historical and cultural contexts. Students study the aesthetic principles and values from various eras to develop their own musical and artistic judgments. The course meets the requirement for music majors.

MUFHL 315 Jazz History

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: Eligible for ENGRD 310 or ENGRD 312 AND ENGWR 300; OR ESLR 340 AND ESLW 340.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course introduces the history of jazz. Topics include ethnicity, ethnocentrism, racism, ageism, class differences, and gender issues. Guided listening presentations show how African and early African American musical traditions have led to the development of various improvisational forms and styles including ragtime, swing, bebop, free jazz, fusion, and acid jazz. Music streaming subscription as required by the instructor.

MUFHL 321 Basic Musicianship

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: No credit for MUFHL 321 if taken after MUFHL 400)

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID MUS 110

This course is an introduction to the fundamentals of music. Students will learn basic music terminology and develop skills in music notation, including reading treble and bass clefs, the staff, notes, rhythms, intervals, scales, chords, keys, and key signatures. Musical literacy and creativity will be reinforced by aural and rhythmic drills, the use of music software, and short, creative assignments. Works from classical and commercial music will be used for demonstration purposes. Recommended for students with little or no music experience.

MUFHL 330 World Music

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course is a comprehensive, comparative listeners' survey of the folk, ethnic, dance, and ceremonial music traditions around the world and in the United States. Concepts of ethnicity, ethnocentrism, racism, ageism, class differences, and gender issues will be addressed. Guided listening presentations will show how traditional forms and styles have combined with musical influences from other cultures to produce acculturated styles of World Music. Music of the Americas, Africa, Asia, Oceania, The Middle East and Europe will be covered.

MUFHL 400 Music Theory and Musicianship I

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: MUFHL 321 with a grade of "C" or better

Advisory: MUIVI 345

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID MUS 125; C-ID MUS 120

This course is an introduction to music theory and its applications to classical and commercial music. Students will develop skills in musical analysis, keyboard harmony, dictation, and sight-singing. Short creative assignments will provide students with experience in the application of materials learned.

MUFHL 401 Music Theory and Musicianship II

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: MUFHL 400 with a grade of "C" or better

Advisory: MUIVI 346

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID MUS 130; C-ID MUS 135

This course is a continuation of MUFHL 400. It provides a more in-depth study of scales, intervals, triads, diatonic harmonies, part writing, rhythms, sight singing, ear training, dictation, history and performance. It includes analysis and composition and is required for music majors. Students will be required to purchase staff paper and media storage.

MUFHL 410 Music Theory and Musicianship III

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: MUFHL 401 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID MUS 140; C-ID MUS 145

This course is a continuation of Music Theory (MUFHL 401). It includes the study of 16th and 18th century counterpoint, fugue, variation, altered chords, borrowed chords, variation technique, sonata form, rondo form, and late 19th and 20th century writing techniques. Practice in rhythmic, melodic, harmonic and contrapuntal sight singing, ear training and dictation is included in the study. This course is required for music majors.

MUFHL 411 Music Theory and Musicianship IV

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: MUFHL 410 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3

C-ID: C-ID MUS 150; C-ID MUS 155

This course is a continuation of MUFHL 410. It includes a more in-depth study of 16th and 18th century counterpoint, fugue, variation, altered chords, sonata allegro and rondo forms, and late 19th, 20th, and 21st century writing techniques including; 9th, 11th and 13th chords, altered dominants, chromatic harmony, serial music, current music idioms, and analysis techniques. This course also includes practice in rhythmic, melodic, and harmonic dictation, sight-singing and ear-training. MUFHL 411 is required for music majors.

MUFHL 495 Independent Studies in Music Fundamentals/History and Literature

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

MUFHL 499 Experimental Offering in Music Fundamentals/History and Literature

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Music - Instrumental/Voice Instruction (MUIVI) Courses

MUIVI 310 Voice Class I

Units: 2

Hours: 36 hours LEC; 18 hours LAB

Course Family: Traditional Voice Fundamentals

Prerequisite: None.

Transferable: CSU; UC

This course is a study of the fundamentals of voice production with emphasis on the development of the individual singer's voice. Basic vocal techniques, breathing and mouth position are practiced. Solo repertoire is learned and performed in class. This course is required for vocal music majors but open to all students desiring to begin the study of voice. Students may be required to attend concert performances at their own expense. When the course is offered in the online mode, students are expected to have access to a computer and Internet, as well as a webcam and a microphone. The course assessments must be completed synchronously.

MUIVI 311 Voice Class II

Units: 2

Hours: 36 hours LEC; 18 hours LAB

Course Family: Traditional Voice Fundamentals

Prerequisite: MUIVI 310 with a grade of "C" or better; or by instructor consent.

Transferable: CSU; UC

This course is the continued study of solo singing. Students will experience basic training in the correct use of the singing voice, vocal techniques, and solo repertoire. This course is required for vocal majors, but open to all students desiring to begin the study of voice. When the course is offered in the online mode, students are expected to have access to a computer and Internet, as well as a webcam and a microphone. The course assessments must be completed synchronously.

MUIVI 320 Voice Class III

Units: 2

Hours: 36 hours LEC; 18 hours LAB

Course Family: Traditional Voice Technique and Repertoire

Prerequisite: MUIVI 311 with a grade of "C" or better; or by instructor's consent

Transferable: CSU; UC

This course provides opportunity for vocal exercise and intellectual analysis in the development of efficient singing technique and skill in performing vocal literature. Performance in class and in recital is essential. The course is required for vocal majors. When the course is offered in the online mode, students are expected to have access to a computer and Internet, as well as a webcam and a microphone. The course assessments must be completed synchronously.

MUIVI 321 Voice Class IV

Units: 2

Hours: 36 hours LEC; 18 hours LAB

Course Family: Traditional Voice Technique and Repertoire

Prerequisite: MUIVI 320 with a grade of "C" or better; or with instructor's consent

Transferable: CSU; UC

This course provides opportunity for vocal exercise and intellectual analysis in the development of efficient singing technique and skill in performing vocal literature. Performance in class and in recital is essential. The course is required for vocal majors. When the course is offered in the online mode, students are expected to have access to a computer and Internet, as well as a webcam and a microphone. The course assessments must be completed synchronously.

MUIVI 345 Beginning Piano I

Units: 1 - 2

Hours: 18 hours LEC; 18 - 54 hours LAB

Course Family: Traditional Piano Fundamentals

Prerequisite: None.

Advisory: MUFHL 321

Transferable: CSU; UC

C-ID: C-ID MUS 170

This course introduces students to basic piano playing and it is required for all general and commercial music majors. This course is the first in a four semester sequence designed to develop the student's keyboard skills at the piano. Students are advised to have basic music reading

skills or have completed MUFHL 321. The course prepares students who are transferring for piano proficiency examination. A minimum of two hours a week outside practice is required for the two-unit option.

MUIVI 346 Beginning Piano II

Units: 1 - 2

Hours: 18 hours LEC; 18 - 54 hours LAB

Course Family: Traditional Piano Fundamentals

Prerequisite: MUIVI 345 with a grade of "C" or better

Advisory: MUFHL 400

Transferable: CSU; UC

C-ID: C-ID MUS 171

This course continues piano preparation begun in MUIVI 345 (Beginning Piano I). This course is the second in a sequence of four courses designed to develop the student's keyboard skills at the piano. The course prepares students who are transferring to four year degree granting programs for the piano proficiency examination. A minimum of two hours a week outside practice is required for the two-unit option.

MUIVI 370 Beginning Guitar

Units: 2

Hours: 27 hours LEC; 27 hours LAB

Course Family: Traditional Guitar and Bass

Prerequisite: None.

Transferable: CSU; UC

This course is designed to provide entry-level students with the fundamentals of guitar playing with emphasis on basic technique and reading music. In addition, students are introduced to the various musical styles in which the guitar is used such as folk, rock, blues, funk, finger style (classical) and jazz. No previous musical study is required for this course. The student must provide their own instrument (preferably a nylon or steel string, acoustic guitar) and accessories, such as a footstool, tuner, and metronome.

MUIVI 371 Intermediate Guitar

Units: 2

Hours: 27 hours LEC; 27 hours LAB

Course Family: Traditional Guitar and Bass

Prerequisite: MUIVI 370 with a grade of "C" or better

Transferable: CSU; UC

This course is designed as a continuation of MUIVI 370 Beginning Guitar, and increases the emphasis on reading music, introduces the art of improvisation, and cultivates playing in ensemble settings. Course topics explore, more in depth, the musical styles in which the guitar is heard such as folk, rock, blues, funk, jazz, and classical. Through in-class demonstrations and hands-on laboratory experience, students will improve their practice techniques, augment their technical proficiency, and begin to acquire the skills necessary to perform both in solo and ensemble settings. Performance in class and/or recital is essential. The student must provide their own instrument (preferably a nylon or steel string, acoustic guitar) and accessories, such as a footstool, tuner, and metronome.

MUIVI 372 Advanced Guitar

Units: 2

Hours: 27 hours LEC; 27 hours LAB

Course Family: Traditional Guitar and Bass

Prerequisite: MUIVI 371 with a grade of "C" or better, or placement through the assessment process.

Advisory: MUFHL 321

Transferable: CSU; UC

This course is a continuation of MUIVI 371 Intermediate Guitar, and includes higher-level note reading, accompaniment techniques, and both solo and ensemble playing. The development of personal style is encouraged. Performance in class and/or recital is essential. Students must provide their own guitar (preferably acoustic) and accessories (e.g. tuner, pick, capo, metronome).

MUIVI 380 Improvisation Workshop I

Units: 2

Hours: 27 hours LEC; 27 hours LAB

Prerequisite: None.

Enrollment Limitation: Ability to play a musical instrument with basic proficiency.

Transferable: CSU; UC

This course is designed to give students an introduction to improvising in a variety of styles. Students will learn about basic scale and chord materials and song forms needed to improvise. Students will gain practical experience playing with others.

MUIVI 381 Improvisation Workshop II

Units: 2

Hours: 27 hours LEC; 27 hours LAB

Prerequisite: MUIVI 380 with a grade of "C" or better, or placement through the assessment process.

Transferable: CSU; UC

This course continues work started in MUIVI 380. Students will learn about intermediate-level scale and chord materials and song forms needed to improvise. Students will gain practical experience playing with a live rhythm section and/or backing tracks.

MUIVI 382 Improvisation Workshop III

Units: 2

Hours: 27 hours LEC; 27 hours LAB

Prerequisite: MUIVI 381 with a grade of "C" or better

Transferable: CSU; UC

This course is a more advanced study of improvisational techniques. Students will learn about more complex scale and chord materials and song forms needed to improvise and will gain practical experience playing with others.

MUIVI 383 Improvisation Workshop IV

Units: 2

Hours: 27 hours LEC; 27 hours LAB

Prerequisite: MUIVI 382 with a grade of "C" or better

Transferable: CSU; UC

This course is an advanced study of improvisational techniques. Students will learn about complex scale and chord materials and song forms needed to improvise and will gain practical experience playing with others.

MUIVI 420 Applied Music

Units: 1

Hours: 8 hours LEC; 30 hours LAB

Course Family: Traditional Applied Music Fundamentals

Prerequisite: None.

Enrollment Limitation: The student must pass a performance audition to be admitted to the course. Students must be concurrently enrolled in an FLC Performance Ensemble.

Transferable: CSU; UC

C-ID: C-ID MUS 160

This is the first course in a four-part series and offers individualized instrumental or vocal instruction with a private instructor. It focuses on the development of individual performance skills and solo and ensemble repertoire. Juried performance is required. Required for all traditional performance and jazz music majors. This course may be taken four times for credit.

MUIVI 495 Independent Studies in Music Instrumental/Voice Instruction

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU; UC

Independent study designed to provide instrumental training not offered in other music classes. Components of the course may include private or group instruction, solo and ensemble work, accompanying experience, and programmed learning in music fundamentals and music technology. Also for students interested in developing tutorial and/or instrumental skills. Each component may be repeated for a total of 3 units, up to a maximum of 9 units.

MUIVI 499 Experimental Offering in Music Instrumental/Voice Instruction

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Music - Performance (MUP) Courses

MUP 310 Orchestra

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Prerequisite: Students should be able to read music and perform on an orchestral instrument (violin, viola, cello, bass, piccolo, flute, clarinet, double reed, trumpet, French horn, trombone, or percussion) for music that is composed for string orchestra and symphony orchestra, which will be determined by the instructor based upon an audition process.

Enrollment Limitation: Students will be admitted to this course by audition only. Audition times and dates will be announced by the department.

Transferable: CSU; UC

C-ID: C-ID MUS 180

This course covers the study and performance of orchestral music. It is open to all students who read music and perform on an orchestral instrument (violin, viola, cello, bass, piccolo, flute, clarinet, double reed, trumpet, french horn, trombone, tuba, or percussion.) This course includes public performances and field trips, and meets requirements for music majors. Students study and perform music literature composed for string orchestra and symphony orchestra. This course may be repeated to meet the major requirement for transfer to CSU, Sacramento, or to other universities with a similar transfer requirement. Students may be required to provide their own instruments. This course may be taken four times for credit.

MUP 311 Advanced Orchestra

Units: 1 - 2

Hours: 54 - 108 hours LAB

Prerequisite: MUP 310 with a grade of "C" or better; or audition

Transferable: CSU; UC

C-ID: C-ID MUS 180

This course is the continuing study and performance of orchestral repertoire. Additional topics may include experience in conducting, rehearsal techniques and section leading. Students will be expected to supply their own musical instruments in most instances. Some musical instruments may be provided by the college. This course may be taken four times. Field trips may be required.

MUP 320 Jazz Band

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Prerequisite: None.

Enrollment Limitation: Ability to play at least one instrument commonly used in jazz ensemble; audition required.

Transferable: CSU; UC

C-ID: C-ID MUS 180

This course is the study and performance of Jazz Band repertoire. Representative repertoire may include selections from Early Jazz to current jazz performance methods. Public performance and field trips are required. This course may be taken four times for credit.

MUP 321 Advanced Jazz Band

Units: 1 - 2

Hours: 9 - 18 hours LEC; 27 - 54 hours LAB

Prerequisite: MUP 320 with a grade of "C" or better, or placement through the assessment process.

Enrollment Limitation: An audition is required at the start of semester for students to demonstrate required proficiency level for admittance to ensemble.

Transferable: CSU; UC

C-ID: C-ID MUS 180

This course is the continuing study and performance of jazz band repertoire and techniques. Additional topics include improvisation, part preparation, listening skills, and section leading. Public performances and field trips may be required. Auditions may be held at the beginning of each semester to place students within the ensemble.This course may be taken four times for credit. Federal regulations for students receiving financial aid state that a student can only receive aid twice when repeating the same course.

MUP 340 Symphonic Band

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Prerequisite: None.

Enrollment Limitation: Ability to play an instrument commonly found in a symphonic band and read musical notation

Transferable: CSU; UC

This course is the study and performance of the symphonic band repertoire. It is open to those who play a symphonic band instrument. Public performances and/or field trips may be required. This course may be taken up to four times for credit.

MUP 350 Concert Choir I

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Prerequisite: None.

Enrollment Limitation: Students should have some choral experience and/or ability to read music notation. Students must be able to sing on pitch. These abilities would be evaluated by the instructor.

Advisory: MUP 357 (College Chorus), or equivalent skills demonstrated through the assessment process.

Transferable: CSU; UC

This course is the study and performance of choral literature which may include the standard repertoire, contemporary works and world music. The course is designed for the student interested in learning and developing musical skills necessary to work within an ensemble. This course is open to all students. Choral music selected by the instructor for the semester's study will be provided by the Folsom Lake College Music Department. Students are required to borrow and return FLC Choral Library music scores in good condition before the end of the semester. Public performances, festivals and field trips are required. This course may be taken up to four times for credit.

MUP 357 College Chorus

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Prerequisite: None.

Enrollment Limitation: Ability to match pitch and produce a good tone demonstrated in the audition.

Transferable: CSU; UC

This course is designed for the college student who is interested in a musical experience. Singers study and perform standard choral literature. Membership is open to college students, faculty, staff and community. Students are urged to enter during the freshman year. Choral music selected by the instructor for the semester's study will be provided by the Folsom Lake College Music Department. Students are required to borrow and return FLC Choral Library music scores in good condition before the end of the semester. Public performances, festivals and field trips are required. This course may be taken four times for credit.

MUP 360 Chamber Singers

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must successfully pass an audition to enroll.

Advisory: MUP 350 and 357

Transferable: CSU; UC

This course is designed as an advanced choral ensemble of limited size and performing a wide variety of choral repertoire including: Several centuries of choral music from various style periods and genres, world music and folk-song arrangements. Travel to public performances, festivals and field trips may be required. Music will be provided by the college; however, students may have to contribute to the purchase of their concert performance attire. This course may be repeated to meet the major requirement for transfer to CSU or other universities with similar transfer requirements.

MUP 400 Vocal Jazz Ensemble

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Prerequisite: None.

Enrollment Limitation: An audition is required. The audition will include; sight-singing, aural skills, improvisation and the preparation and performance of a short musical excerpt.

Transferable: CSU; UC

C-ID: C-ID MUS 180

This course is an advanced choral ensemble of limited size performing a wide variety of music in the jazz style. Public performance, festival attendance and field trips are required. An audition for admission into the course is required. This course may be taken four times for credit.

MUP 422 Special Ensemble Participation

Units: 0.5 - 2

Hours: 27 - 108 hours LAB

Prerequisite: None.

Transferable: CSU; UC

This course is open to all students who sing or play musical instruments. Instrumentation and repertoire of groups will vary, including jazz combos, classical chamber ensembles, guitar ensemble, and other musical ensembles.

MUP 424 Commercial Music Ensemble

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Prerequisite: None.

Enrollment Limitation: Audition required before students may enroll in the class.

Transferable: CSU; UC

C-ID: C-ID MUS 180

This course involves the rehearsal and performance of contemporary popular and commercial music genres including rock, pop, jazz, r&b, funk, Latin and world. This course may be taken four times for credit.

MUP 426 World Music Ensemble

Units: 1

Hours: 18 hours LEC; 18 hours LAB

Prerequisite: None.

Enrollment Limitation: Ability to play an instrument

Transferable: CSU; UC

This course involves the rehearsal and performance of various musical genres from different world cultures, including Celtic, European, Asian, African, Latin American, Native American, Middle Eastern and combinations thereof. This course may be taken four times for credit.

MUP 495 Independent Studies in Music Performance

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

MUP 499 Experimental Offering in Music Performance

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Music - Specializations in Music (MUSM) Courses

MUSM 110 The Business of Music

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

This course presents an overview of the rapidly evolving music industry, including the processes of promotion, publicity, merchandising, artist management, talent agents, recording contracts vs. comprehensive contracts, online music sales, licensing, copyrights, and royalties. Students will develop marketing strategies for live performances, recordings, merchandise, tours and online music products, as well as examine career opportunities in music and evaluate advantages and disadvantages of various options.

MUSM 111 The Business of Music

Units: 3

Hours: 54 hours LEC

Prerequisite: MUSM 110 with a grade of "C" or better

This course provides an overview of the music business as defined by the publishing and the radio industry. It also includes details and processes of trade and service marks, attorney functions, merchandising, publishing agreement points, and copyright functions.

MUSM 306 Live Sound Reinforcement

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU

C-ID: C-ID CMUS 120X

This course provides an introduction to live sound mixing directed toward employment in the sound reinforcement industry and in operating sound systems in music clubs, theaters, churches, music festivals, and other venues. Students will develop competency in operating mixing consoles, speaker and monitor placement, microphone placement techniques, room equalization, reverb, delay, and other effects (gate/compressor/limiters etc.). Students will learn practical techniques for creating optimal concert sound.

MUSM 320 Contemporary Songwriting

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: MUFHL 321 with a grade of "C" or better

Transferable: CSU

C-ID: C-ID CMUS 150X

This course covers the process of writing popular songs, including writing lyrics, designing instrumental and vocal arrangements, studying melodic and harmonic skills, learning popular song forms, analyzing musical styles, and creating lead sheets.

MUSM 334 Introduction to Musical Instrument Digital Interface (MIDI)

Units: 2

Hours: 9 hours LEC; 81 hours LAB

Prerequisite: None.

Advisory: MUFHL 321

Transferable: CSU

C-ID: C-ID CMUS 100X

This course is an introduction to the rapidly evolving use of professional music software and MIDI electronic instruments. Various music hardware options, including keyboards, synthesizers, samplers, computers and drum machines, will be explored. Through a series of MIDI projects, students learn to use music sequencing, notation, and CAI (computer-assisted instruction) software.

MUSM 356 Pro Tools 101, Introduction to Pro Tools

Units: 1.5

Hours: 27 hours LEC

Prerequisite: None.

Transferable: CSU

This is the first course in the AVID Certified Training Location alliance. It is an introductory course to AVID's Pro Tools software application. This course fully trains students in the basic operation of Pro Tools. Students learn how to record, edit, and mix music and Musical Instrument Digital Interface (MIDI) within the Pro Tools application. This course is conducted in the Music Department's IDEA (Interdisciplinary Electronic Arts) computer lab.

MUSM 370 Music for Children

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

General Education: Local GE L3

This course provides methodologies, experiences, and materials for integrating music into pre-school, elementary, and recreational programs. It is recommended for elementary and early childhood credential candidates, recreation leaders, and others who use music with children.

MUSM 495 Independent Studies in Music Specializations

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

MUSM 498 Work Experience in Music Specializations

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

MUSM 499 Experimental Offering in Music Specializations in Music

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Nursing

Overview

Folsom Lake College's Nurse Assistant course is an 8-week long course that provides students with the necessary skills and knowledge to prepare to become a Certified Nurse Assistant (CNA). Students successfully completing the course become eligible to take the State of California Nurse Assistant Certification exam.

The course is designed for students who are:

- Interested in the direct patient care experience
- Seeking employment as an entry level provider
- Interested in exploring the healthcare environment as a career option

Certificates Offered

Certified Nurse Assistant Certificate

Division Dean: John Skellenger

Department Chair: Jason Pedro

Phone: (916) 608-6927

Email: skellej@flc.losrios.edu

Certificate of Achievement

Certified Nurse Assistant Certificate

The Certified Nurse Assistant (CNA) certificate program provides instruction in the holistic care and health needs of people over 65 years of age, who live in long-term care facilities. Students who successfully complete the program receive a certificate of program completion and become eligible to take the California state exam to become a Certified Nurse Assistant.

Certificate Requirements

Course Code	Course Title	Units
AH 311	Medical Language for Health-Care Providers	3
NURSE 100	Nurse Assistant	7
Total Units:		**10**

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- Upon admission into the Certified Nursing Assistant Program, and before the first class, students must have completed the following: (1) Proof of physical exam no older than three months. (2) Proof of negative tuberculin (TB) skin test no older than three months. (3) If TB skin test result is positive, proof of inactive TB chest x-ray no older than three months. (4) Spring semester students must submit proof of having a current season influenza vaccine. Fall semester students must submit proof of current season influenza vaccine when the vaccine becomes available. (5) Course candidate must submit the Nurse Assistant initial application (CDPH 283B) that will include disclosure of prior or current criminal convictions. There is no automatic denial to take the course however, the California Department of Public Health can determine that the candidate is not eligible to be in the clinical setting or to take the state certification based on the criminal offense. The program reserves the right to make changes in the enrollment criteria, academic requirements, grading standards, and other processes without notice at any time.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- identify and discuss state and federal law relative to the role and responsibilities of the Certified Nurse Assistant with regards to professionalism, ethics and confidentiality.
- demonstrate medical asepsis for infection control and identify ways to prevent the spread of infection.
- demonstrate emergency procedures and discuss the responsibilities of the Certified Nurse Assistant during unusual occurrences.
- demonstrate routine patient care skills and procedures.

Career Information

Certified Nurse Assistants (CNA) have a wide variety of work opportunities. The most common work placement is in long-term care facilities. Additionally, CNA work may be found in acute care settings, assisted care facilities, and rehabilitation care centers.

Nursing (NURSE) Courses

NURSE 100 Nurse Assistant

Units: 7

Hours: 81 hours LEC; 135 hours LAB

Prerequisite: None.

Corequisite: AH 311

Enrollment Limitation: Enrollment Limitations: Students enrolled in the Certified Nursing Assistant Program are required to meet the onboarding requirements of their clinical facilities and California Department of Public Health (CDPH). Instructions for how to meet these requirements will be provided to students by the instructor during the mandatory in-person orientation prior to the first day of class. Orientation date and time will be sent via email. These items include but are not limited to: (1) Proof of physical exam no older than three months. (2) Proof of negative 2-step tuberculin (TB) skin test no older than three months or QuantiFERON (Gold) blood test. (3) If the TB skin test result is positive, proof of inactive TB chest x-rays no older than three months. (4) Spring semester students must submit proof of having a current season influenza vaccine. Fall semester students must submit proof of the current season influenza vaccine when the vaccine becomes available. (5) Before the first day of class, students must submit the Nurse Assistant initial application (CDPH 283B) that will include disclosure of prior or current criminal convictions. While the college has no automatic denial for students with a criminal background wishing to enroll in the course, students should be advised that the California Department of Public Health will ultimately determine if a student is eligible to be in a clinical setting and receive state certification based on their criminal background.

This course leads to the certified nurse assistant (CNA) certification exam. It emphasizes the gerontological nursing assistant's role and responsibilities as a healthcare team member. It also covers principles of asepsis, infection control, resident care skills, nutrition, body mechanics, and emotional, social, and spiritual needs of the resident. Students will be responsible for costs associated with obtaining a clinical uniform, clinical name tag, their portion of the college's malpractice insurance, and any fees required for state certification.

NURSE 299 Experimental Offering in Nursing

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

NURSE 499 Experimental Offering in Nursing

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Nutrition

Overview

The Folsom Lake College nutrition curriculum prepares the student for further study in nutrition science and related fields or a program in clinical dietetics.

Note: If your goal is to transfer to a four-year institution to obtain a bachelor's degree in nutrition or dietetics, you should meet with a counselor as your transfer institution may have different requirements for transfer and bachelor's degrees.

Degrees and Certificates Offered

A.S.-T. in Nutrition and Dietetics

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

A.S. in Food Science

A.S. in Nutrition Science

Nutrition Education Certificate

Division Dean: William Garcia

Department Chair: Dr. Debora Silva

Phone: (916) 608-6551

Email: garciaw@flc.losrios.edu

Associate Degrees for Transfer

A.S.-T. in Nutrition and Dietetics

The Associate in Science in Nutrition and Dietetics for Transfer (AS-T) program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Nutrition and Foods/ Dietetics at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:
(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) Cal-GETC Requirement.
(B) The required number of units in the major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0. Associate Degrees for Transfer also require that students must earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
BIOL 440	General Microbiology (4)	4 - 5
or BIOL 442	General Microbiology and Public Health (5)	
CHEM 400	General Chemistry I	5
NUTRI 300	Nutrition	3
PSYC C1000	Introduction to Psychology	3
A minimum of 8 units from the following:		8
List A - Select two courses from the following		
BIOL 430	Anatomy and Physiology (5)	
and BIOL 431	Anatomy and Physiology (5)	
CHEM 401	General Chemistry II (5)	
CHEM 420	Organic Chemistry I (5)	
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
or STAT C1000	Introduction to Statistics (4)	
or ECON 310	Statistics for Business and Economics (3)	
A minimum of 3 units from the following:		3
List B - Select one course from the following		
ACCT 301	Financial Accounting (4)	
ANTH 310	Cultural Anthropology (3)	
BUS 340	Business Law (3)	
COMM 311	Argumentation and Debate (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
NUTRI 310	Cultural Foods of the World (3)	
NUTRI 330	Food Theory and Preparation (4)	
SOC 300	Introductory Sociology (3)	
HEED 300	Health Science (3)	
Total Units:		26 - 27

The Associate in Science in Nutrition and Dietetics for Transfer (AS-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate an understanding of the relationships between chemistry, biology, and nutrition.
- design diet plans using nutrition principles to promote optimal health.
- apply knowledge of the interaction of nutrition and health using problem-solving and critical thinking skills.
- examine cultural diversity in regards to nutrition and foods.
- distinguish between reliable sources of nutrition information and nutrition claims not supported by research.

Career Information

Career opportunities include hospitals and other health care facilities, school food services, restaurants, nutrition programs, WIC programs, weight management clinics, community wellness centers, sports nutrition and corporate wellness programs, food and nutrition businesses and industries, public health agencies, government agencies, and research. Some career options require more than two years of college, and may require certification in dietetics after a Bachelor's degree.

Associate Degrees

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies in Social and Behavioral Science degree provides an interdisciplinary approach to academic studies. The purpose of the program is for students to gain an understanding of the interconnectedness of various social and behavioral sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 300	Introduction to Business (3)	
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	
BUS 345	Law and Society (3)	
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
ECON 307	Global Issues in the Political Economy (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 321	African American Policy and Law (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 331	Asian American Policy and Law (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 351	Native American Policy and Law (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
ETHNS 361	Chicana/o/x Latina/o/x Policy and Law (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 314	Recent United States History (3)	
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
KINES 308	Women in Sport (3)	
KINES 416	Psychology of Sport (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS C1000	American Government and Politics (3)	

Course Code	Course Title	Units
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 390	Psychology of Death and Dying (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 300	Introduction to Social Work & Human Services (3)	
SWHS 302	Introduction to Psychology of Human Relations (3)	
Total Units:		18

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

A.S. in Food Science

The field of Food Science prepares students for several different areas of employment in the food industry, such as quality control, food product development, research, food safety, and others. At Folsom Lake College, students will gain valuable knowledge and skills in chemistry, nutrition, physics, food fermentation and/or brewing, preparing them to transfer to a four-year program.

Degree Requirements

Course Code	Course Title	Units
NUTRI 300	Nutrition	3
CHEM 337	Brewing and Beer Chemistry (4)	4
or CHEM 339	Introduction to Fermentation Chemistry (4)	
CHEM 400	General Chemistry I	5
CHEM 401	General Chemistry II	5
MATH 400	Calculus I	5
MATH 401	Calculus II	5
PHYS 350	General Physics	4
PHYS 360	General Physics	4
STAT C1000	Introduction to Statistics (4)	3 - 4
or PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
Total Units:		**38 - 39**

The Food Science Associate in Science (A.S.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- explain the principles of food science.
- use critical thinking skills to interpret and evaluate research findings in food science.
- apply appropriate laboratory techniques proficiently.
- understand the relationship between chemistry, biology, and food science.
- demonstrate knowledge of the scientific terminology and the principle concepts of chemistry.

Career Information

Food Science provides several opportunities for employment, including positions in the food industries, research companies, local, state and federal government agencies, and educational institutions.

A.S. in Nutrition Science

The Nutrition Science AS degree provides students with an excellent foundation for a variety of science and healthcare career opportunities. Graduates of this program may continue their study of nutrition, food

science or any science related academic area. After transfer to and completion of a 4-year degree at a university-level institution, students can further their studies towards a Masterâ€™s (M.S.) and/or Doctorate in Philosophy (Ph.D.) in nutrition or other basic science related area.

Degree Requirements

Course Code	Course Title	Units
NUTRI 300	Nutrition	3
NUTRI 340	Nutrition and Metabolism	3
BIOL 400	Principles of Biology	5
BIOL 410	Principles of Botany (5)	4 - 5
or BIOL 411	Plant Science (4)	
BIOL 420	Principles of Zoology	5
CHEM 400	General Chemistry I	5
CHEM 401	General Chemistry II	5
CHEM 420	Organic Chemistry I	5
CHEM 421	Organic Chemistry II	5
PSYC 335	Research Methods in Psychology	3
A minimum of 3 units from the following:		3
ANTH 310	Cultural Anthropology (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
PSYC C1000	Introduction to Psychology (3)	
Total Units:		**46 - 47**

The Nutrition Science Associate in Science (A.S.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate the influence of chemical, biochemical, microbiological, and physiological disciplines as they affect the bodyâ€™s processing of nutrients and food components during digestion, absorption, metabolism, and excretion.
- integrate the biological, behavioral, socioeconomic and environmental factors related to food and nutrient intakes and needs across the lifespan.
- analyze the nutrition standards and nutritional assessment data to make evidence-based decisions.
- cite the functions and interrelationships of nutrients and food in human health, disease prevention, and disease states.
- apply critical thinking skills to locate, interpret, and evaluate research findings and professional literature to explain implications and limitations.
- apply basic terminology and nomenclature of inorganic chemistry.
- analyze, and predict the outcome of a multi-step organic synthesis based on simpler, more common reactions
- apply organic functional group knowledge to biological molecules such as amino acids and proteins, lipids, and carbohydrates.

Career Information

The Nutrition Science AS degree provides students with an excellent foundation for a variety of science and health care career opportunities. They can seek employment in public health and policy, government-sponsored nutrition programs, business including the food industry, community and international agencies, corporate wellness programs, community wellness centers, restaurants, and schools.

Certificate of Achievement

Nutrition Education Certificate

The Nutrition Education certificate program focuses on the concepts of food literacy and health and wellness. It is designed for students interested in the nutrients in food along with their actions within the body, issues of nutrition status across the lifespan, and the impact of food choices on one's health, the environment, and the economy. Students can choose the direction of their studies by selecting course(s) that include the following areas: food preparation, performance nutrition, nutrition and aging, lifespan nutrition, or early childhood education.

After completing the classes for this certificate, students may apply credits toward the Associate in Science in Nutrition and Dietetics for Transfer (AS-T).

Certificate Requirements

Course Code	Course Title	Units
NUTRI 300	Nutrition	3
NUTRI 340	Nutrition and Metabolism (3)	3 - 4
or NUTRI 330	Food Theory and Preparation (4)	
A minimum of 4 units from the following:		4

Course Code	Course Title	Units
BIOL 400	Principles of Biology (5)	
BIOL 430	Anatomy and Physiology (5)	
BIOL 431	Anatomy and Physiology (5)	
BIOL 310	General Biology (4)	
A minimum of 6 units from the following:		6
CHEM 400	General Chemistry I (5)	
NUTRI 302	Nutrition for Physical Performance (3)	
NUTRI 310	Cultural Foods of the World (3)	
NUTRI 322	Nutrition Issues Throughout Life (3)	
PSYC C1000	Introduction to Psychology (3)	
Total Units:		**16 - 17**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- correlate dietary intake to weight management, sports performance, chronic diseases, and hunger.
- apply the scientific method to biological problems, and interpret scientific data in a reasonable manner.
- assess the various sources of nutrition information and demonstrate where to find reliable nutrition information.
- compare and contrast nutrient, caloric, and food requirements at all stages of the life cycle.
- describe ethnicity, ethnocentrism, and racism and analyze the impact of these on food habits and communication in the United States.
- assemble molecules demonstrating an understanding of chemical bonding and molecular structure to predict their chemical behavior.

Career Information

Employment possibilities include public/government agencies, daycare centers for the young and the elderly, food co-ops, recreation work, nutrition education (such as preschool and elementary school), health food stores and nutritional supplement sales, and substance abuse recovery clinics. Students who continue on to a four-year institution may advance their studies towards the registered dietitian credential, employee wellness counselor, nutrition counselor and other related careers.

Nutrition (NUTRI) Courses

NUTRI 300 Nutrition

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L5; Local GE L7B; Cal-GETC Area 5B

C-ID: C-ID NUTR 110

This course introduces key biological science concepts through the study of nutrition, with a focus on how nutrition affects human health and disease. Students will explore how anatomy, physiology, chemistry, biochemistry, medical science, and biotechnology connect to human nutrition and its impact on the body. Students will engage in scientific inquiry—from observation and hypothesis development to data collection and evidence-based reasoning—while applying foundational principles of nutrition science. Topics include nutrition guidelines, evaluating nutrition information and scientific discoveries and their limitations, food selection, nutrient composition, metabolism, and risks associated with excesses or deficiencies throughout the lifecycle.

NUTRI 302 Nutrition for Physical Performance

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: NUTRI 300 with a grade of "C" or better

Transferable: CSU; UC (UC credit limitation: NUTRI 302, NUTRI 322 and NUTRI 340 combined: maximum credit, 3 units)

General Education: Local GE L5; Local GE L7B

This course examines the basic scientific principles of nutrition, as well as the ramifications of nutrients on lifelong fitness, sport skill training, and physical performance. Special emphasis is placed on nutrient metabolism with respect to muscle strength development, cardiovascular capability, and body composition. Students are required to complete a personalized dietary analysis as specified by the instructor.

NUTRI 310 Cultural Foods of the World

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

This course offers an anthropological perspective of traditional and contemporary food customs and cultures. Western and non-western food customs are compared, including their social, religious, economic and aesthetic significance. Included are ethnocentrism, gender-related stereotypes, and racism as they relate to the availability, distribution and preparation of food throughout the world. The nutritional status of various cultures as it relates to geographic, agricultural and socioeconomic factors is studied. Students may be required to purchase ethnic food or ingredients to prepare and sample cultural dishes.

NUTRI 322 Nutrition Issues Throughout Life

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: NUTRI 300

Transferable: CSU; UC (UC credit limitation: NUTRI 302, NUTRI 322 and NUTRI 340 combined: maximum credit, 3 units)

General Education: Local GE L7B

This course is a study of the nutritive needs of persons at various stages of the lifecycle with emphasis on special periods such as pregnancy, preschool, adolescence, and aging. This course is particularly helpful to Kinesiology and Early Childhood Education majors as well as those dealing with people in social agencies, such as nursing and gerontology.

NUTRI 330 Food Theory and Preparation

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU

General Education: Local GE L7B

C-ID: C-ID NUTR 120

This course provides an overview of the basic principles of cooking techniques and the use of ingredients in various foods. Students will assess the factors that influence taste and the changes that occur in foods during preparation. In the laboratory, the focus will be directed at students gaining hands-on experience in basic cooking skills, the application of food theories discussed in the lecture, the reasons for recipe procedures and the prevention and correction of cooking failures. Students must wear closed toe shoes and will be required to purchase a calculator and lab coat.

NUTRI 340 Nutrition and Metabolism

Units: 3

Hours: 54 hours LEC

Prerequisite: BIOL 300, CHEM 305, or NUTRI 300 with a grade of "C" or better

Advisory: LIBR 318 with a grade of "C" or better

Transferable: CSU; UC (UC credit limitation: NUTRI 302, NUTRI 322 and NUTRI 340 combined: maximum credit, 3 units.)

This course examines the chemical structure and metabolism of carbohydrates, lipids, and proteins. Emphasis is placed on the physiological roles of vitamins and minerals as well as metabolic pathways and their relation to overall health. In addition, this course will help the student integrate the understanding of metabolic knowledge to contemporary and controversial issues in nutrition.

NUTRI 495 Independent Studies in Nutrition and Foods

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

NUTRI 498 Work Experience in Nutrition

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

NUTRI 499 Experimental Offering in Nutrition and Foods

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Philosophy

Overview

Philosophy is the logical examination of the fundamental issues people have pondered for over 2,500 years. What is reality and what is beauty? What is knowledge and truth? What is good and just? Does human existence have meaning and does God exist? Folsom Lake College's philosophy program is directed toward understanding these questions in their historical and cultural contexts and applying insights to contemporary life. Rigorous philosophical study will also improve one's critical thinking skills.

Degrees Offered

A.A.-T. in Philosophy

A.A. in Interdisciplinary Studies: Arts and Humanities

A.A. in Interdisciplinary Studies: Communication and English

Division Dean: Dr. Rose Giordano

Department Chair: Dan Considine

Phone: (916) 361-6330

Email: giordar@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in Philosophy

The Associate in Arts in Philosophy for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Philosophy at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) Cal-GETC the California General Education Transfer Curriculum (Cal-GETC) Requirement.
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs require that students must earn a "C" or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
PHIL 300	Introduction to Philosophy (3)	3
or PHIL 310	Introduction to Ethics (3)	
PHIL 325	Symbolic Logic	3
A minimum of 3 units from the following:		3
List A: Select one course from below or a course from the required core not already used. (3 units)		
PHIL 330	History of Classical Philosophy (3)	
PHIL 331	History of Modern Philosophy (3)	
A minimum of 6 units from the following:		6

Course Code	Course Title	Units
List B: Select two courses from the following, the required core, or List A not already used. (6 units)		
PHIL 320	Logic and Critical Reasoning (3)	
PHIL 350	Philosophy of Religion (3)	
PHIL 352	Introduction to World Religions (3)	
A minimum of 3 units from the following:		3
List C: Select one course from the following, or any course from List A or List B not already used. (3 units)		
ARTH 325	Native American Art History (3)	
ARTH 333	Introduction to Islamic Art (3)	
ENGLT 303	Introduction to the Short Story (3)	
ENGLT 305	Introduction to the Novel (3)	
ENGLT 310	English Literature I (3)	
ENGLT 311	English Literature II (3)	
ENGLT 319	Introduction to English Epic Poetry (3)	
ENGLT 320	American Literature I (3)	
ENGLT 321	American Literature II (3)	
ENGLT 330	African American Literature (3)	
ENGLT 339	Postmodern American Fiction (3)	
ENGLT 340	World Literature I (3)	
ENGLT 341	World Literature II (3)	
ENGLT 345	Mythologies of the World (3)	
ENGLT 359	Prison Writings: The Rhetoric of Resistance (3)	
ENGLT 360	Women in Literature (3)	
ENGLT 402	Introduction to Shakespeare and Film (3)	
FREN 411	Intermediate French (4)	
FREN 412	Intermediate French (4)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
HUM 300	Classical Humanities (3)	
HUM 301	Introduction to the Humanities (3)	
HUM 310	Modern Humanities (3)	
HUM 320	Asian Humanities (3)	
HUM 325	Arts and Humanities of the Islamic World (3)	
HUM 332	American Humanities (3)	
HUM 370	Women and the Creative Imagination (3)	
SILA 316	American Sign Language 4 (4)	
SPAN 411	Intermediate Spanish (4)	
SPAN 412	Intermediate Spanish (4)	
Total Units:		**18**

The Associate in Arts in Philosophy for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- identify and analyze arguments, including their underlying assumptions, by applying logical and theoretical models or tools.
- describe a range of central philosophical problems and some of the main arguments for and against them in epistemology, metaphysics, and ethics.
- understand and describe major philosophical figures, movements, and themes in at least two major historical periods.
- develop and cogently support his/her own positions on major philosophical issues.

Career Information

Given the general analytic skills developed in a philosophy curriculum, career opportunities are diverse. While undergraduate study in philosophy is an excellent preparation for law school and other professional schools, philosophy majors have successful careers in health professions, local, state, and federal government, business, clergy, science, and information technology. People with advanced degrees in philosophy typically seek employment as teachers and professors.

Associate Degrees

A.A. in Interdisciplinary Studies: Arts and Humanities

The Interdisciplinary Studies degree is designed for students who seek a greater understanding of disciplines within the arts and humanities. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on

transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Arts and Humanities. These courses emphasize the study of cultural, literary, and humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities). Students will learn to value aesthetic understanding and incorporate these concepts when constructing value judgments (Possible majors at a four-year institution include, but are not limited to: Art, English, Foreign Language, Humanities, Linguistics, Music, Philosophy, and Theatre Arts).

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
ART 300	Drawing and Composition I (3)	
ART 302	Drawing and Composition II (3)	
ART 304	Figure Drawing I (3)	
ART 308	Perspective Drawing (3)	
ART 310	Pen and Ink Drawing (3)	
ART 312	Portrait Drawing (3)	
ART 320	Design: Fundamentals (3)	
ART 323	Design: Color Theory (3)	
ART 327	Painting I (3)	
ART 332	Oil Painting (3)	
ART 334	Acrylic Painting (3)	
ART 336	Watercolor Painting (3)	
ART 337	Intermediate Watercolor Painting (3)	
ART 361	Printmaking: Survey (3)	
ART 370	Three Dimensional Design (3)	
ART 372	Sculpture (3)	
ART 373	Intermediate Sculpture (3)	
ART 383	Metal Design: Emphasis In Fabrication (3)	
ART 386	Intermediate Metal Design: Emphasis in Fabrication (3)	
ART 387	Intermediate Metal Design: Emphasis in Forming (3)	
ART 390	Ceramics (3)	
ART 402	Beginning Clay Sculpture (3)	
ART 404	Intermediate Clay Sculpture (3)	
ART 430	Art and Children (3)	
ARTH 300	Art Appreciation (3)	
ARTH 304	Ancient Art (3)	
ARTH 306	Medieval Art (3)	
ARTH 307	Italian Renaissance Art (3)	
ARTH 309	Art Survey: Renaissance to 19th Century (3)	
ARTH 311	Art Survey: Modern Art (3)	
ARTH 312	Women in Art (3)	
ARTH 318	History of American Art (3)	
ARTH 324	Art of the Americas (3)	
ARTH 325	Native American Art History (3)	
ARTH 328	Survey of African Art (3)	
ARTH 330	Survey of African-American Art (3)	
ARTH 332	Asian Art (3)	
ARTH 333	Introduction to Islamic Art (3)	
ARTH C1100	Survey of Art from Prehistory to the Medieval Era (3)	
COMM 305	Oral Interpretation (3)	
DANCE 380	World Dance History (3)	
ECE 361	Introducing Young Children to Visual Arts (3)	
ECE 363	Music and Movement with Young Children (3)	
ENGCW 400	Creative Writing (3)	
ENGCW 410	Fiction Writing Workshop (3)	
ENGCW 420	Poetry Writing Workshop (3)	
ENGCW 430	Creative Non-Fiction Writing Workshop (3)	
ENGLT 303	Introduction to the Short Story (3)	
ENGLT 305	Introduction to the Novel (3)	
ENGLT 310	English Literature I (3)	
ENGLT 311	English Literature II (3)	
ENGLT 319	Introduction to English Epic Poetry (3)	
ENGLT 320	American Literature I (3)	
ENGLT 321	American Literature II (3)	
ENGLT 330	African American Literature (3)	

Course Code	Course Title	Units
ENGLT 339	Postmodern American Fiction (3)	
ENGLT 340	World Literature I (3)	
ENGLT 341	World Literature II (3)	
ENGLT 345	Mythologies of the World (3)	
ENGLT 359	Prison Writings: The Rhetoric of Resistance (3)	
ENGLT 360	Women in Literature (3)	
ENGLT 370	Children and Literature (3)	
ENGLT 402	Introduction to Shakespeare and Film (3)	
ENGL 301	College Composition and Literature (3)	
ENGL 481	Honors College Composition and Literature (3)	
FREN 401	Elementary French (4)	
FREN 402	Elementary French (4)	
FREN 411	Intermediate French (4)	
FREN 412	Intermediate French (4)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
HUM 300	Classical Humanities (3)	
HUM 301	Introduction to the Humanities (3)	
HUM 310	Modern Humanities (3)	
HUM 320	Asian Humanities (3)	
HUM 325	Arts and Humanities of the Islamic World (3)	
HUM 332	American Humanities (3)	
HUM 370	Women and the Creative Imagination (3)	
KINES 309	Sports and Film (3)	
MUFHL 300	Introduction to Music (3)	
MUFHL 308	Introduction to Music: Rock & Roll (3)	
MUFHL 310	Survey of Music History and Literature (Greek Antiquity to 1750) (3)	
MUFHL 311	Survey of Music History and Literature (1750 to the present) (3)	
MUFHL 315	Jazz History (3)	
MUFHL 321	Basic Musicianship (3)	
MUFHL 330	World Music (3)	
MUFHL 400	Music Theory and Musicianship I (4)	
MUFHL 401	Music Theory and Musicianship II (4)	
MUFHL 410	Music Theory and Musicianship III (4)	
MUFHL 411	Music Theory and Musicianship IV (4)	
MUIVI 310	Voice Class I (2)	
MUIVI 345	Beginning Piano I (1 - 2)	
MUIVI 370	Beginning Guitar (2)	
MUP 350	Concert Choir I (2)	
MUP 357	College Chorus (2)	
PHIL 300	Introduction to Philosophy (3)	
PHIL 310	Introduction to Ethics (3)	
PHIL 330	History of Classical Philosophy (3)	
PHIL 331	History of Modern Philosophy (3)	
PHIL 350	Philosophy of Religion (3)	
PHIL 352	Introduction to World Religions (3)	
PHOTO 302	Beginning Digital Photography (3)	
PHOTO 420	History of Photography (3)	
SILA 305	American Sign Language 1 (4)	
SILA 306	American Sign Language 2 (4)	
SILA 315	American Sign Language 3 (4)	
SILA 316	American Sign Language 4 (4)	
SPAN 401	Elementary Spanish I (4)	
SPAN 402	Elementary Spanish II (4)	
SPAN 411	Intermediate Spanish (4)	
SPAN 412	Intermediate Spanish (4)	
TA 300	Introduction to the Theatre (3)	
TA 302	History and Theory of the Theatre I (3)	
TA 303	History and Theory of the Theatre II (3)	
TA 304	Women in Theatre (3)	
TA 308	Diversity in American Theatre (3)	
TA 340	Beginning Acting (3)	
TA 350	Theory and Techniques of Acting I (3)	
TA 351	Theory and Techniques of Acting II (3)	
TA 422	Stage Lighting (3)	
TAFILM 300	Introduction to Film (3)	
TAFILM 303	History of Film: 1880's through 1950's (3)	
TAFILM 304	History of Film: 1950's to Present (3)	
TAFILM 307	Diversity in American Film (3)	

Course Code	Course Title	Units
TAFILM 320	Cinema Genres (3)	
TAFILM 330	Film Making (3)	
TAFILM 360	Screenwriting (3)	
TAFILM 480	Honors Introduction to Film (3)	
TAP 300	Modern Rehearsal and Performance I (1 - 3)	
TAP 310	Modern Technical Production I (1 - 3)	
TAP 320	Classical Rehearsal and Performance I (1 - 3)	
TAP 330	Classical Technical Production I (1 - 3)	
TAP 340	Musical Rehearsal and Performance I (1 - 3)	
TAP 350	Musical Technical Production I (1 - 3)	
TAP 360	Children's Theatre Rehearsal and Performance I (1 - 3)	
TAP 370	Children's Theatre Technical Production I (1 - 3)	
TAP 380	Repertory/Touring Rehearsal and Performance I (1 - 3)	
TAP 390	Repertory and Touring Technical Production I (1 - 3)	
Total Units:		**18**

The Interdisciplinary Studies: Arts and Humanities Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities).

A.A. in Interdisciplinary Studies: Communication and English

The Interdisciplinary Studies degree is designed for students who wish a broad knowledge of arts and sciences plus additional coursework in a prescribed "Area of Emphasis". This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Communication and English. These courses emphasize the content of communication as well as the form and should provide an understanding of the psychological basis and the social significance of communication. Students will be able to assess communication as the process of human symbolic interaction. Students will also develop skills in the areas of reasoning and advocacy, organization, accuracy, and reading and listening effectively. Students will be able to integrate important concepts of critical thinking as related to the development of analysis and critical evaluation. Students will also learn to reason inductively and deductively in order to make important decisions regarding life and society at large. (Possible majors at a four-year institution include, but are not limited to: English, communication and philosophy.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
You must select courses from three different disciplines.		
COMM C1000	Introduction to Public Speaking (3)	
COMM 311	Argumentation and Debate (3)	
COMM 315	Persuasion (3)	
COMM 331	Group Discussion (3)	
COMM 361	The Communication Experience (3)	
ENGRD 310	Critical Reading as Critical Thinking (3)	
ENGL C1000	Academic Reading and Writing (3)	
ENGL 301	College Composition and Literature (3)	
ENGL C1001	Critical Thinking and Writing (3)	
PHIL 300	Introduction to Philosophy (3)	
PHIL 320	Logic and Critical Reasoning (3)	
PHIL 325	Symbolic Logic (3)	
Total Units:		**18**

The Interdisciplinary Studies: Communication and English Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- analyze critically, argue persuasively, and communicate clearly (Communication and English).

Philosophy (PHIL) Courses

PHIL 300 Introduction to Philosophy

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: Eligibility for ENGWR 300 or ENGRD 310.

Transferable: CSU; UC

General Education: Local GE L1B; Local GE L3; Cal-GETC Area 3B

C-ID: C-ID PHIL 100

In this course, students will apply the critical thinking techniques of analysis, evaluation, and synthesis to areas of philosophical inquiry including meta-philosophy, epistemology, metaphysics, ethics, political philosophy, philosophy of religion, history of philosophy, and existentialism. Students will practice distinguishing fact from opinion, employing inductive and deductive reasoning, identifying logical errors and fallacies, and developing oral and written arguments to support their own philosophical perspectives or challenge the perspectives of others. The quality of the course's required writing will reflect the standards of a college-level writing course.

PHIL 310 Introduction to Ethics

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: Completion of or current enrollment in ENGWR 300 or ENGRD 310.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

C-ID: C-ID PHIL 120

This course introduces the student to classical and contemporary ethical theories and their application to a variety of contemporary moral issues such as capital punishment, animal rights, affirmative action, abortion, euthanasia, torture, and same-sex marriage.

PHIL 320 Logic and Critical Reasoning

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L1B

C-ID: C-ID PHIL 110

This course provides an introduction to basic principles of good reasoning with an emphasis on deductive logic. It examines the functions of language, the nature of arguments, common fallacies committed in communication, definitions, the logic of categorical statements, sentential logic, and types of inductive reasoning. Emphasis is placed on developing analytical skills and applying principles of valid reasoning to the arguments encountered in everyday life.

PHIL 325 Symbolic Logic

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L1B; Local GE L2

C-ID: C-ID PHIL 210

This course is an introduction to the concepts and principles of propositional and predicate logic. It includes a study of the syntax and semantics of symbolic logic, truth tables, methods of formal proof for validity and invalidity, and the logic of relations and identity. This course is recommended for students of the sciences, computer programming, mathematics, and philosophy.

PHIL 330 History of Classical Philosophy

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

C-ID: C-ID PHIL 130

This course is a survey of the origin and development of Western Philosophy during the period of the ancient Greeks and Romans. The views of pre-Socratic thinkers, Socrates, Plato, and Aristotle are emphasized. This course is especially recommended for all philosophy, history, and humanities majors.

PHIL 331 History of Modern Philosophy

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: Completion of or current enrollment in ENGWR 300 or ENGRD 310.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

C-ID: C-ID PHIL 140

This course is a survey of the development of modern philosophy, from the Renaissance to Romanticism. The works of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant receive special attention.

PHIL 350 Philosophy of Religion

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course is an introduction to traditional philosophical problems connected with religious belief. Issues to be discussed are the existence and nature of God, the problem of evil, the nature of religious language, the possibility of religious knowledge, the existence of miracles, religious experience, and mysticism. The rationality of religious belief will also be examined.

PHIL 352 Introduction to World Religions

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course introduces students to the major world religious traditions, including indigenous traditions, Hinduism, Buddhism, Taoism and Confucianism, Judaism, Christianity, and Islam. Students will study the practices and beliefs of each tradition and will read selected material from the sacred writings of each tradition. Also, the influence of these religions on contemporary issues in the United States including ethnicity, ethnocentrism, racism, ageism, class differences, and sexual orientation is considered.

PHIL 495 Independent Studies in Philosophy

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

PHIL 499 Experimental Offering in Philosophy

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Photography

Overview

The Folsom Lake College photography curriculum is designed to teach skills for entry-level positions in the professional photography industry.

Division Dean: Francis Fletcher

Department Chair: Marisa Sayago

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Photography (PHOTO) Courses

PHOTO 295 Independent Studies in Photography

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

PHOTO 299 Experimental Offering in Photography

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

PHOTO 302 Beginning Digital Photography

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3

This course combines lectures with hands-on experience in digital photography. Instruction includes digital camera function, exposure control, technical and creative control, computer manipulation of images and digital output options. The format of the class includes lectures, visual presentations, lab time, exams and a portfolio. Students must provide their own adjustable DSLR cameras and necessary media and materials. A fee is charged for digital printing.

PHOTO 312 Intermediate Digital Photography

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: PHOTO 302 with a grade of "C" or better

Transferable: CSU; UC

This course is designed to expand on the technical and creative concepts acquired in beginning digital photography. Topics of instruction include: advanced digital camera functions, exposure control, introduction to studio lighting, computer manipulation of images using Adobe Photoshop, digital archiving, digital output options and digital print finishing. The class includes lectures, visual presentations, lab time, written tests, a field trip, and a portfolio. Students must provide their own adjustable DSLR cameras and necessary media and materials. A fee is charged for digital printing.

PHOTO 340 Careers in Photography

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: PHOTO 302 with a grade of "C" or better

Transferable: CSU

This course is an overview of different careers available in the photographic industry. Fields of study include: portraiture, wedding photography, fashion, commercial and tabletop, photojournalism, and fine art photography. Students are encouraged to pursue their own area of interest by working with professionals in the field. Students may work with digital or traditional cameras. The class includes: lectures, studio visits, lab time, and completion of a resume, price list, and portfolio. Students will need a camera capable of manual control and focus, a computer, and access to image editing software (such as Adobe Photoshop or Lightroom) to complete assignments. There is a charge for digital output services on campus.

PHOTO 400 Digital Imaging

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: PHOTO 302 with a grade of "C" or better

Transferable: CSU

This is an introductory course in digital imaging, compositing and electronic file preparation for publishing. The class includes lectures, use of computers and scanners, slide presentations, preparation of a journal and a digital portfolio. Students will need access to a computer with image editing software such as Adobe Photoshop. There is a charge for digital output services on campus.

PHOTO 410 Advanced Digital Imaging

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: PHOTO 400 with a grade of "C" or better

This course is an advanced study of digital imaging and related software programs. The class includes lectures, use of computers, scanners, and a variety of output devices and preparation of a digital portfolio. This course will introduce the student to the emerging field of multimedia. Students will need access to a computer with image editing software such as Adobe Photoshop and a flatbed scanner. There is a charge for digital output services on campus.

PHOTO 420 History of Photography

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course explores the history of photography as a medium of artistic expression and communication, with a major emphasis on the integration of history, theory, aesthetics, and criticism. Through a comprehensive examination of the evolution of photography from its inception to the present day, students will gain a deep understanding of the social, cultural, and artistic forces that have shaped this medium.

This course provides a comprehensive exploration of the history of photography, emphasizing the integration of historical context, theoretical frameworks, aesthetic considerations, and critical analysis. The format of the class may include a field trip.

PHOTO 495 Independent Studies in Photography

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

PHOTO 498 Work Experience in Photography

Units: 0.5 - 4

Hours: 30 - 300 hours LAB

Prerequisite: None.

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to career interests.

Advisory: ENGL 110 or ESL 325

Transferable: CSU

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within the field of Photography. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

PHOTO 499 Experimental Offering in Photography

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This course is designed to allow advanced students to pursue and research their photographic interests and receive credit. Students must provide a proposal outlining their area of interest and arrange meetings with an instructor. Students may wish to challenge the prerequisite on the basis of equivalent experience.

Physical Science

Overview

The Folsom Lake College physical science curriculum offers transferable courses that fulfill both major and general education requirements.

The PS 302 course is offered as part of the general education program at Folsom Lake College. This class is meant to give the student a comprehensive breadth of the field of physical science and a hands-on learning experience. The course is an excellent way for liberal arts students to gain an appreciation of scientific knowledge and methods.

Division Dean: Dr. Lorena Navarro

Department Chair: Daniel Hale

Phone: (916) 608-6615

Email: navarrl@flc.losrios.edu

Physical Science (PS) Courses

PS 302 Introduction to Physical Science

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC (UC credit limitation: No credit if taken after a college level course in Astronomy, Chemistry, Geology or Physics)

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

This is an integrated, interdisciplinary course which introduces the non-science major student to the physical sciences. Fundamental concepts in astronomy, physics, chemistry and geology will be examined. This course is not recommended for science or engineering majors.

PS 495 Independent Studies in Physical Science

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

PS 499 Experimental Offering in Physical Science

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Physics

Overview

The Folsom Lake College physics program offers an array of transferable courses that fulfill both major and general education requirements. The physics program consists of a three semester calculus-based physics sequence and a two semester trigonometry-based sequence. These sequences are designed to meet transfer requirements for students in the physical and life sciences, engineering, architecture, and computer information science. A preparatory physics course is also offered.

The PHYS 310 and PHYS 312 classes are meant to give liberal arts students a comprehensive breadth of the field of physics and a hands-on learning experience. Both courses are an excellent way for liberal arts students to gain an appreciation of scientific knowledge and methods.

PHYS 311 is a preparatory class for prospective PHYS 350 and PHYS 411 students who have the required math, but lack physics and problem solving skills needed for success in future physics classes.

Degrees Offered

A.S.-T. in Physics

A.A. in Interdisciplinary Studies: Math and Science

Division Dean: Dr. Lorena Navarro

Department Chair: Daniel Hale

Phone: (916) 608-6615

Email: navarrl@flc.losrios.edu

Associate Degrees for Transfer

A.S.-T. in Physics

The Associate in Science in Physics for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Physics at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) The California General Education Transfer Curriculum (CAL-GETC).
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A â€œPâ€ (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
PHYS 411	Mechanics of Solids and Fluids	4
PHYS 421	Electricity and Magnetism	4
PHYS 431	Heat, Waves, Light and Modern Physics	4
MATH 400	Calculus I	5
MATH 401	Calculus II	5
MATH 402	Calculus III	5
Total Units:		**27**

The Associate in Science in Physics for Transfer (AS-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- recall fundamental principles and basic definitions from the topics of physics.
- solve conceptual problems from the topics of physics.
- solve calculus, trigonometry and algebra based problems from the topics of physics and clearly communicate steps taken in the solution.
- analyze experimental data from the topics of physics.

Associate Degrees

A.A. in Interdisciplinary Studies: Math and Science

The Interdisciplinary Studies degree is designed for students who wish to obtain a broad knowledge of mathematics and the sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis in" Math and Science. These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of the world's civilizations. Possible majors at a four-year institution include, but are not limited to: mathematics, biology, chemistry, and physical science.

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
ANTH 300	Biological Anthropology (3)	
ANTH 301	Biological Anthropology Laboratory (1)	
ANTH 303	Introduction to Forensic Anthropology (3)	
ASTR C1001	Introduction to Astronomy (3)	
ASTR 310	The Solar System (3)	
ASTR 320	Stars, Galaxies, and Cosmology (3)	
ASTR C1001L	Introduction to Astronomy Lab (1)	
BIOL 300	The Foundations of Biology (3)	
BIOL C1000	Introduction to Biology with Lab (4)	
BIOL 310	General Biology (4)	
BIOL 323	Plants and People (4)	
BIOL 342	The New Plagues: New and Ancient Infectious Diseases Threatening World Health (3)	
BIOL 350	Environmental Biology (3)	
BIOL 370	Marine Biology (4)	
BIOL 400	Principles of Biology (5)	
BIOL 410	Principles of Botany (5)	
or BIOL 411	Plant Science (4)	
BIOL 420	Principles of Zoology (5)	
BIOL 430	Anatomy and Physiology (5)	
BIOL 431	Anatomy and Physiology (5)	
BIOL 440	General Microbiology (4)	
BIOL 442	General Microbiology and Public Health (5)	
CHEM 300	Beginning Chemistry (4)	
CHEM 305	Introduction to Chemistry (5)	
CHEM 337	Brewing and Beer Chemistry (4)	
CHEM 339	Introduction to Fermentation Chemistry (4)	
CHEM 400	General Chemistry I (5)	
CHEM 401	General Chemistry II (5)	
CHEM 410	Quantitative Analysis (5)	
CHEM 420	Organic Chemistry I (5)	
CHEM 421	Organic Chemistry II (5)	
CISC 311	Survey of Modern Computer Languages (3)	
CISD 351	Data Science Foundations (4)	
CISP 300	Algorithm Design/Problem Solving (3)	
CISP 360	Introduction to Structured Programming (4)	
CISP 400	Object Oriented Programming with C++ (4)	
CISP 401	Object Oriented Programming with Java (4)	
CISP 408	Programming R for Data Analysis and Machine Learning (3)	

Course Code	Course Title	Units
CISP 440	Discrete Structures for Computer Science (3)	
ECON 310	Statistics for Business and Economics (3)	
ENGR 420	Statics (3)	
FT 304	Fire Behavior and Combustion (3)	
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems (3)	
GEOG 301	Physical Geography Laboratory (1)	
GEOG 306	Weather and Climate (3)	
GEOG 331	Exploring Maps and Geographic Technologies (3)	
GEOL 300	Physical Geology (3)	
GEOL 301	Physical Geology Laboratory (1)	
GEOL 302	Physical Geology with Lab (4)	
GEOL 305	Earth Science (3)	
GEOL 306	Earth Science Laboratory (1)	
GEOL 310	Historical Geology (3)	
GEOL 311	Historical Geology Laboratory (1)	
GEOL 330	Introduction to Oceanography (3)	
GEOL 345	Geology of California (3)	
MATH 300	Introduction to Mathematical Ideas (3)	
MATH 310	Mathematical Discovery (3)	
MATH 333	College Algebra for Liberal Arts (3)	
MATH 341	Calculus for Business and Economics (4)	
MATH 343	Modern Business Mathematics (4)	
MATH 355	Calculus for Biology and Medicine I (4)	
MATH 356	Calculus for Biology and Medicine II (4)	
MATH 372	College Algebra for Calculus (4)	
or MATH 375	Pre-Calculus (6)	
MATH 373	Trigonometry for Calculus (4)	
MATH 385	Calculus Preparation for STEM (4)	
MATH 400	Calculus I (5)	
MATH 401	Calculus II (5)	
MATH 402	Calculus III (5)	
MATH 410	Introduction to Linear Algebra (3)	
MATH 420	Differential Equations (4)	
NUTRI 300	Nutrition (3)	
NUTRI 302	Nutrition for Physical Performance (3)	
NUTRI 340	Nutrition and Metabolism (3)	
PHYS 310	Conceptual Physics (3)	
PHYS 311	Basic Physics (3)	
PHYS 350	General Physics (4)	
PHYS 360	General Physics (4)	
PHYS 411	Mechanics of Solids and Fluids (4)	
PHYS 421	Electricity and Magnetism (4)	
PHYS 431	Heat, Waves, Light and Modern Physics (4)	
PS 302	Introduction to Physical Science (4)	
PSYC 312	Biological Psychology (4)	
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
STAT C1000	Introduction to Statistics (4)	
Total Units:		18

The Interdisciplinary Studies: Math and Science Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- reason quantitatively and empirically (Math and Science).

Physics (PHYS) Courses

PHYS 310 Conceptual Physics

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: Physics 310 requires some reading and also some algebraic skills.

Transferable: CSU; UC (UC credit limitation: PHYS 310 and 311 combined: maximum credit, one course. No credit for PHYS 310 or PHYS 311 if taken after PHYS 350, PHYS 360, PHYS 411, PHYS 421 or PHYS 431 No credit for PHYS 310 or 311 if taken after PHYS 350, 360, 411, 421 or 431)

General Education: Local GE L5; Cal-GETC Area 5A

This course provides a conceptual overview of Newtonian and modern physics for non-science students. The conceptual or non-mathematical approach to physics is tied to the student's personal experience in their everyday life. The student learns to see physics not as a classroom or laboratory activity, but as a part of his or her surroundings. The class is open to all students with no previous physics course.

PHYS 311 Basic Physics

Units: 3

Hours: 54 hours LEC

Prerequisite: or a high school course in trigonometry with a grade of "C" or better

Transferable: CSU; UC (UC credit limitation: PHYS 310 and 311 combined: maximum credit, one course. No credit for PHYS 310 or PHYS 311 if taken after PHYS 350, PHYS 360, PHYS 411, PHYS 421 or PHYS 431 No credit for PHYS 310 or 311 if taken after PHYS 350, 360, 411, 421 or 431)

General Education: Local GE L5; Cal-GETC Area 5A

This course is a survey course for science, engineering, mathematics, architecture, and computer science majors who have had no previous physics courses and plan to continue with PHYS 350 or 411. The course will develop the math and science background and the problem-solving skills necessary for success in Physics 350 or 411. Material covered will include math review, vectors, and basic mechanics (kinematics, Newton's Laws, and energy).

PHYS 312 Conceptual Physics Laboratory

Units: 1

Hours: 54 hours LAB

Prerequisite: None.

Corequisite: PHYS 310; Phys 310 needs to be taken concurrently with Phys 312, or have been completed with a grade "C" or better prior to taking Phys 312.

Advisory: Physics 312 requires some reading and also some algebraic skills.

Transferable: CSU; UC

General Education: Cal-GETC Area 5C

This laboratory course provides hands-on or at home or simulations observation activities and interpretation of data in a variety of experimental situations. Topics include motion, sound, light, heat, electricity, and magnetism.

PHYS 350 General Physics

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: or a high school course in trigonometry with a grade of "C" or better.

Transferable: CSU; UC (UC credit limitation: PHYS 350, 360 and 411, 421, 431 combined: maximum credit, one series)

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

C-ID: C-ID PHYS 105; Part of C-ID PHYS 100S

This is the first course of the trigonometry-based general physics sequence designed for life science majors. Topics will include classical mechanics, fluids, mechanical waves and thermodynamics.

PHYS 360 General Physics

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: PHYS 350 with a grade of "C" or better

Transferable: CSU; UC (UC credit limitation: PHYS 350, 360 and 411, 421, 431 combined: maximum credit, one series)

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

C-ID: C-ID PHYS 110; Part of C-ID PHYS 100S

This is the second course of the trigonometry-based general physics sequence designed for life science majors. Topics will include classical electricity and magnetism, AC and DC circuits, electromagnetism, optics, wave theory and modern physics.

PHYS 411 Mechanics of Solids and Fluids

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: MATH 400 with a grade of "C" or better; See Corequisite

Corequisite: MATH 401. May be taken previously with a grade of "C" or better.

Transferable: CSU; UC (UC credit limitation: PHYS 350, 360 and 411, 421, 431 combined: maximum credit, one series)

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

C-ID: C-ID PHYS 205; Part of C-ID PHYS 200S

This is the first course of the calculus-based physics sequence designed for students studying engineering, physics, chemistry, architecture, and computer science. This course offers a detailed examination of topics from the mechanics of particles, rigid bodies and fluids.

PHYS 412 Mechanics of Solids and Fluids: Problem Solving

Units: 1

Hours: 18 hours LEC

Prerequisite: None.

Corequisite: PHYS 411

Transferable: CSU

This will be a one unit discussion and application class devised to accompany PHYS411. This class will meet one hour a week to specifically work on problems and problem solving methods for Mechanics of Solids and Fluids.

PHYS 421 Electricity and Magnetism

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: MATH 401 and PHYS 411 with grades of "C" or better

Transferable: CSU; UC (UC credit limitation: PHYS 350, 360 and 411, 421, 431 combined: maximum credit, one series)

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

C-ID: C-ID PHYS 210; Part of C-ID PHYS 200S

This is the second course of the calculus-based physics sequence designed for students studying engineering, physics, chemistry, architecture, and computer science. This course offers a detailed examination of topics from electricity and magnetism.

PHYS 422 Electricity and Magnetism: Problem Solving

Units: 1

Hours: 18 hours LEC

Prerequisite: None.

Corequisite: PHYS 421

Transferable: CSU

This is a discussion and applications class devised to accompany PHYS 421. This class will meet one hour a week to specifically work on problems and problem solving methods for PHYS 421: Electricity and Magnetism.

PHYS 431 Heat, Waves, Light and Modern Physics

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: MATH 401 and PHYS 411 with grades of "C" or better

Transferable: CSU; UC (UC credit limitation: PHYS 350, 360 and 411, 421, 431 combined: maximum credit, one series)

General Education: Local GE L5; Cal-GETC Area 5A; Cal-GETC Area 5C

C-ID: C-ID PHYS 215; Part of C-ID PHYS 200S

This is the third course of the calculus-based physics sequence designed for students studying engineering, physics, chemistry, architecture, and computer science. This course offers a detailed examination of topics from thermodynamics, waves, optics, and modern physics.

PHYS 432 Heat, Waves, Light and Modern Physics: Problem Solving

Units: 1

Hours: 18 hours LEC

Prerequisite: None.

Corequisite: PHYS 431

Transferable: CSU

This is a discussion and application class devised to accompany PHYS 431. This class will meet one hour a week to specifically work on problems and problem solving methods for Heat, Waves, Light and Modern Physics.

PHYS 495 Independent Studies in Physics

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

This course offers a student or a small group of students the opportunity to study areas of physics that go beyond what is normally covered in physics department courses. It is meant to be an extension of a particular topic of a specific physics department course, and so to be eligible, students must have completed a physics course at Folsom Lake College. They must also gain approval from a department faculty member for the topic of study.

PHYS 499 Experimental Offering in Physics

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Political Science

Overview

Folsom Lake College's political science program studies governmental structures and political systems, as well as examines how individuals and institutions interact within those systems. Courses in the department are designed to introduce students to principle concepts, to stimulate an interest in the connection between theoretical ideas and real world events, and to motivate involvement and participation in the political process. Students are encouraged to think critically and creatively about issues facing them, their communities, their state, and their world.

Faculty in the political science department are widely-traveled and have practical experience in a variety of governmental and political professions. They are focused on providing stimulating instruction in an atmosphere that encourages and emphasizes student participation.

The introductory courses also prepare students for further study of political science and government theories and practice at the university level. Most of the courses offered are transferable to accredited universities and fulfill general education requirements for a variety of major and degree programs and certificates.

Note: All courses require significant writing and research. Completion of ENGWR 101 or eligibility for ENGWR 300 is required for most courses.

Degrees Offered

A.A.-T. in Political Science

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

Division Dean: Dr. Rose Giordano

Department Chair: David Reese

Phone: (916) 361-6330

Email: giordar@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in Political Science

The Associate in Arts in Political Science for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University (CSU). Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Political Science at the institution they wish to transfer to because major and general education requirements may vary for each CSU, and the degree does not guarantee admission to a specific CSU campus.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) The California General Education Transfer Curriculum (CAL-GETC).
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Required Core (9 units)		
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	

Course Code	Course Title	Units
List A: Two courses required (6 units). Select one course from below and any course not used from the above list.		
ECON 310	Statistics for Business and Economics (3)	
or PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
or STAT C1000	Introduction to Statistics (4)	
List B: Select 1 course (3 units) from the following		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
BUS 340	Business Law (3)	
COMM 351	Mass Media and Society (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
PHIL 310	Introduction to Ethics (3)	
PSYC C1000	Introduction to Psychology (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
Total Units:		18

The Associate in Arts in Political Science for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- describe the fundamentals of political science and governance.
- compare and contrast contemporary comparative systems and governance.
- evaluate the relationship between the governing process and public policy.
- examine how citizen and interest group participation influence political systems.
- analyze the role of culture and its influence on politics.
- assess how the design of political institutions and processes affect policy and stability.
- analyze politics and diplomacy in the international system.
- apply basic research methods to political science.
- analyze political and public policy making processes, and relate these to current issues and problems, for evaluating political events and their role in the political system.
- compare and contrast various theories of justice and the just state.
- evaluate various theories of the purpose of government and apply to a critical analysis of current political events.

Career Information

Career opportunities in political science include, but are not limited to, advocate/organizer, campaign worker, diplomat, educator/teacher, events planner, foreign affairs specialist, lawyer, legislative aide (state and federal), lobbyist, political consultant and public relations specialist.

Associate Degrees

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies in Social and Behavioral Science degree provides an interdisciplinary approach to academic studies. The purpose of the program is for students to gain an understanding of the interconnectedness of various social and behavioral sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 300	Introduction to Business (3)	
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	
BUS 345	Law and Society (3)	
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
ECON 307	Global Issues in the Political Economy (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 321	African American Policy and Law (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 331	Asian American Policy and Law (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 351	Native American Policy and Law (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
ETHNS 361	Chicana/o/x Latina/o/x Policy and Law (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 314	Recent United States History (3)	
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
KINES 308	Women in Sport (3)	
KINES 416	Psychology of Sport (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 390	Psychology of Death and Dying (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 300	Introduction to Social Work & Human Services (3)	
SWHS 302	Introduction to Psychology of Human Relations (3)	
Total Units:		18

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

Political Science (POLS) Courses

POLS C1000 American Government and Politics

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 or C1000H

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID POLS 110

This course was formerly known as POLS 301 Introduction to Government: United States.

This course is an introduction to government and politics in the United States and California.
Students examine the constitutions, structure, and operation of governing institutions, civil liberties
and civil rights, political behaviors, political issues, and public policy using political science theory
and methodology. This course was formerly known as POLS 301: Introduction to Government: United States. This course is not open to students who have completed POLS 301, POLS 481, or C1000H.

POLS 302 Comparative Politics

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID POLS 130

This course is a comparative study and analysis of political systems, ideologies, institutions, policies, cultures, histories, and the development of selected foreign governments. Special emphasis is placed on the impact of both cultural and social dimensions of political behavior and attitudes on the structures and functions of government. Typical nation-states cases will be inclusive of all geographical regions. Instruction will also cover the phenomenon of globalization and its effect on the nation-states examined throughout the course.

POLS 310 Introduction to International Relations

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: Eligibility for ENGWR 300 is advised.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID POLS 140

This course is an introduction to international relations that surveys of the nation-state system, techniques of interaction, the issue of war, nationalism, power alignments, international actors, transnational movements, diplomacy, political economy, and perceptions in world politics. Particular emphasis is placed on understanding the processes associated with globalization and the impact such processes have upon the conduct of international relations.

POLS 320 Introduction to Political Theory

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID POLS 120

This survey course examines the ideas that have shaped political thought. Concepts and principles such as the individual, community, liberty, equality, justice, natural law and civil society as developed in the works of the major Western, Eastern, and Middle Eastern political philosophers will be analyzed.

POLS 495 Independent Studies in Political Science

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

POLS 499 Experimental Offering in Political Science

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Project Management

Overview

Folsom Lake College's project management program is highly relevant to professional services like health care, pharmacy, human resources, finance, manufacturing, construction, and information technology, which is largely being driven by government modernization and large scale outsourcing.

This dynamic curriculum provides advanced skills and practical instruction on the processes, organizational structure, and tools that assure that project work yields the desired business results. This is a fully online program (https://flc.losrios.edu/academics/online-education) and is thus ideal for professionals who want to enhance their ability to integrate complex projects, motivate people, and achieve cost-effective results.

Certificates Offered

Project Management Certificate

Division Dean: Carlos Lopez

Department Chair: Jennifer Black

Phone: (916) 608-6849

Email: lopezc@flc.losrios.edu

Certificate of Achievement

Project Management Certificate

This dynamic curriculum provides advanced skills and practical instruction on the processes, organizational structure, and tools which assure that project work yields the desired business results in professional services such as Health Care, Pharmacy, Human Resources, Finance, Manufacturing, Construction, and Information Technology, which is largely being driven by government modernization and large scale outsourcing. This program is thus ideal for professionals who want to enhance their ability to integrate complex projects, motivate people, and achieve cost-effective results.

Certificate Requirements

Course Code	Course Title	Units
PRJMGT 300	Introduction to Project Management	3
PRJMGT 310	Project Organization & Prioritization	3
PRJMGT 320	Project Time and Cost Management	3
PRJMGT 330	Project Planning	3
PRJMGT 340	Project Risk and Quality Management	3
PRJMGT 350	Managing Procurement and Project Delivery	3
Total Units:		**18**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply a significant range of professional and business skills, practices and techniques in project management.
- initiate, manage and drive change through the application of sound financial and business competence.
- undertake individual and team research and/or consultancy based projects.
- describe the nature and functions of project management as well as understand the project life cycle and processes.
- build a cohesive and productive project team and learn techniques to deal with the practical and emotional issues involved in team building including coordinating efforts across multiple units of the organization.
- apply and use project management software and techniques to plan, monitor, control, and evaluate a project.

Career Information

The Project Management program is designed for professionals seeking to improve their professional repertoire with knowledge of project management. The project management practice can be applied to several career fields such as health care, pharmaceutical, service/ outsourcing information technology, manufacturing, construction, and government. This certificate is a management development program suitable for: • Graduates who wish to pursue a career in Project Management. • Project Managers who wish to develop their professional practice and gain a qualification in this specialist area. • People from a range of disciplines who undertake Project Management as part of their job role or who wish to move into this professional discipline.

Project Management (PRJMGT) Courses

PRJMGT 300 Introduction to Project Management

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: CISC 310, ENGL 110, and ENGRD 110

Transferable: CSU

This is an introductory course covering the following topics: fundamental project management terminology, skills, concepts and techniques, how the project management processes are linked together, and role of stakeholders and organizational influences on projects.

PRJMGT 310 Project Organization & Prioritization

Units: 3

Hours: 54 hours LEC

Prerequisite: PRJMGT 300 with a grade of "C" or better

Transferable: CSU

Organizations invest in projects to achieve its strategic initiatives and goals. The course analyzes how organizational strategic planning and projects are often intertwined. The techniques and processes from project management upfront drives not only project success but are also linked to organizational success.

The class analyzes the positive long-term impacts of project management in an organization. The implementation of successful programs, portfolios, and projects directly leads organizations to opportunities for growth.

The class discusses how an organization uses a myriad of tools to select and prioritize projects as well as allocate resources to initiate projects. One important document, the charter, is essential to project initiation. The project management application of knowledge areas, processes, and principles as well as performance domains and plan-drive or adaptive approaches are covered.

PRJMGT 320 Leading Project Teams though Stakeholder & Communications Management

Units: 3

Hours: 54 hours LEC

Prerequisite: PRJMGT 310 with a grade of "C" or better

Transferable: CSU

This course will focus on communication and stakeholder management. Projects are impacted by a myriad of environmental factors such as an organization, its culture, project lifecycle, and team member roles within the organization. Projects also need resources such as people, materials, information, money, or time. These resources need to be acquired and managed to deliver the project successfully.

All projects have customers and stakeholders. Stakeholders can have a vested interested in projects that impact their program or portfolio. These stakeholders may use their power to influence project requirements to meet the needs of their the business that they represent. Stakeholder with high influence could make key decision that could impact the project scope. In such cases, the project team will need to manage and influence the expectations of stakeholders for the successful delivery of the project. The project manager also will need to actively balance the needs of the customer and stakeholders while managing the project scope.

Communication is also a critical component throughout the project. It delivers status, decisions made, transparency, builds trust, and articulates project goals to team members, so they understand what is expected of them and when.

PRJMGT 330 Project Planning

Units: 3

Hours: 54 hours LEC

Prerequisite: PRJMGT 310 with a grade of "C" or better

Transferable: CSU

In the PMBOK 7th edition project planning involves a myriad of processes for the effective delivery of a project. These processes include initiation, planning, execution, monitor/control, and close.

This eight (8) week course reviews the methods for project managers to effectively plan and manage the project scope, schedule, resources, and cost. Planning involves the who, what, when, and how to take the actions to complete the objectives of the project. Ask yourself
- Is the project meeting the expectations of the customer and/or stakeholders?
- Does the project schedule encompass the tasks required to deliver the project on time and within the budget approved by the project sponsor?
- What communication methods (think communication plan) will be implemented to ensure effective communication to the customer, stakeholder, and project team?

The schedule management portion of this course covers activity breakdown, estimation, sequencing and scheduling.

When identifying resources project managers look at two skills - technical and soft skills. Technical skills include reviewing the demands and competencies required while balancing the workload amongst the project Team. Soft skills are behavioral; there are many behavioral challenges that can arise. Examples include:

- selecting team members work well together.
- determine where team members work whether face to face, virtually, or hybrid.
- matching individual drive to complete work to the best activity.
- assemble efficient and effective team to accomplish the goals of the project together.

The cost management portion discusses how to estimate and develop a budget, and why any budget is an estimate prior to the reporting of the actual costs. The budget also covers resource planning, cost estimation, cost control systems, project budgeting and the basic accounting principles you need to know to ensure the success of your project.

PRJMGT 340 Project Risk and Quality Management

Units: 3

Hours: 54 hours LEC

Prerequisite: PRJMGT 310 with a grade of "C" or better

Transferable: CSU

In risk management the project manager works to minimize any potential issues that may impact a project's timetable negatively. The project manager also monitors for any risks, negative or positive (risk opportunities), associated with the project's performance or budget. Through the life cycle of risk management, the project manager identifies, analyzes, and monitors risks that may occur to keep the project schedule and meet its goals. Risk management needs to be proactive through constant monitoring, not a reactive approach to managing risk.

Quality is the often forgotten fourth constraint in planning. In contrast, planning is key to ensure quality in the project. Let's analyze the importance of quality to successfully meet conformance to project requirements and fitness of use. Quality standards and methodologies are discussed to focus on managing it proactively as well as how the process defines the standards that are used in project deliverables. The cost of poor quality is explained, as well as the cost/benefit associated with quality processes and procedures.

PRJMGT 350 Managing Procurement and Project Delivery

Units: 3

Hours: 54 hours LEC

Prerequisite: PRJMGT 310 with a grade of "C" or better

Transferable: CSU

Project managers pursue to deliver projects on time, with quality, and within budget and scope. When there are scarce resources or expertise available, organizations may choose to obtain goods or services internally or externally to their organization using an oral or written contract such as a procurement. The class equips project managers with the tools and techniques to acquire the right fit goods and services for the organization. This results in a procurement that create a win-win scenario for the organization and vendor and successful project delivery.

PRJMGT 495 Independent Studies in Project Management

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

This course involves a student working individually on a topic of study and research beyond the scope of regularly offered courses. Upon the approval of the proposed topic, the student will work and keep in

contact with the advisory
faculty to successfully complete the topic study. Students may take this course up to four times without duplication of the topics.

PRJMGT 499 Experimental Offering in Project Management

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Psychology

Overview

Folsom Lake College's psychology program studies behavior and mental processes. Part of its appeal and fascination is the fact that it involves both pure science and the practical application of science to matters of everyday life. Those pursuing psychology as a field of study will find many career options centering around helping others understand, predict, and control or modify behavior.

Degrees Offered

A.A.-T. in Psychology

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

A.A. in Psychology

Division Dean: Dr. Rose Giordano

Department Chair: Danielle Beck

Phone: (916) 361-6330

Email: giordar@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in Psychology

The Associate in Arts in Psychology for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Psychology at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) Cal-GETC the California General Education Transfer Curriculum (Cal-GETC) Requirement.
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

ADTs require that students must earn a "C" or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
PSYC C1000	Introduction to Psychology	3
PSYC 330	Introductory Statistics for the Behavioral Sciences	3
PSYC 335	Research Methods in Psychology	3
A minimum of 4 units from the following:		4
List A: Select one course from the following: (4 units)		
PSYC 312	Biological Psychology (4)	
A minimum of 3 units from the following:		3
List B: Select one course from the following: (3 units)		
PSYC 320	Social Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
A minimum of 3 units from the following:		3
List C: Select one course from the following, or any course from List A or B not already used: (3 units)		
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
ECE 312	Child Development (3)	
PSYC 390	Psychology of Death and Dying (3)	
Total Units:		**19**

The Associate in Arts in Psychology for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate familiarity with the major concepts and theoretical perspectives in psychology.
- evaluate the influence of biological and environmental factors on behavior and mental processes.
- apply psychological concepts and theories to personal and social issues.
- apply basic research methods to evaluate psychological issues.
- demonstrate the appropriate use and interpretation of various descriptive and inferential statistics relevant to psychology.

Career Information

The Psychology degree is designed to facilitate students' successful transfer to four-year Psychology programs which prepare students for advanced study in a variety of graduate programs and for entry level positions in a variety of careers such as sales, marketing, teaching, and law enforcement. Psychologists with graduate degrees and professional certificates have a broad range of employment opportunities including, but not limited to, clinical practice, research, and teaching. Clinical psychologists work in a variety of settings and with a wide range of clients. Research psychologists work in a range of fields associated with the study of human behavior, including biomedical, sports psychology, and cognitive neuroscience.

Associate Degrees

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies in Social and Behavioral Science degree provides an interdisciplinary approach to academic studies. The purpose of the program is for students to gain an understanding of the interconnectedness of various social and behavioral sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 300	Introduction to Business (3)	
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	
BUS 345	Law and Society (3)	
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	

Course Code	Course Title	Units
ECON 307	Global Issues in the Political Economy (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 321	African American Policy and Law (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 331	Asian American Policy and Law (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 351	Native American Policy and Law (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
ETHNS 361	Chicana/o/x Latina/o/x Policy and Law (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 314	Recent United States History (3)	
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
KINES 308	Women in Sport (3)	
KINES 416	Psychology of Sport (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 390	Psychology of Death and Dying (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 300	Introduction to Social Work & Human Services (3)	
SWHS 302	Introduction to Psychology of Human Relations (3)	
Total Units:		**18**

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

A.A. in Psychology

The psychology degree is designed to facilitate students' successful transfer to BA programs, completion of which prepares them for advanced study in a variety of graduate programs. Psychologists with graduate degrees and professional certificates have a broad range of employment opportunities including, but not limited to, clinical practice, research, and teaching. Clinical psychologists work in a variety of settings and with a wide range of clients. Research psychologists work in a range of fields associated with the study of human behavior, including biomedical, sports psychology, and cognitive neuroscience.

Degree Requirements

Course Code	Course Title	Units
PSYC C1000	Introduction to Psychology	3
PSYC 312	Biological Psychology	4
PSYC 320	Social Psychology	3
PSYC 330	Introductory Statistics for the Behavioral Sciences	3
PSYC 335	Research Methods in Psychology	3
A minimum of 3 units from the following:		3
PSYC 340	Abnormal Behavior (3)	

Course Code	Course Title	Units
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
ECE 312	Child Development (3)	
PSYC 495	Independent Studies in Psychology (1 - 3)	
PSYC 499	Experimental Offering in Psychology (0.5 - 4)	
Total Units:		**19**

The Psychology Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate familiarity with the major concepts and theoretical perspectives in psychology.
- evaluate the influence of biological and environmental factors on behavior and mental processes.
- apply psychological concepts and theories to personal and social issues.
- apply basic research methods to evaluate psychological issues.
- demonstrate the appropriate use and interpretation of various descriptive and inferential statistics relevant to psychology.

Psychology (PSYC) Courses

PSYC 10 Support for Introductory Statistics for the Behavioral Sciences

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Corequisite: PSYC 330

This course provides intensive instruction and practice in the core skills, competencies, and concepts necessary for success in PSYC 330, Introductory Statistics for the Behavioral Sciences. You must be enrolled in the corresponding section of PSYC 330 while taking this course. Topics and homework assignments are connected to the assignments in PSYC 330. Students will be expected to use technology for data analysis including a scientific calculator and SPSS. This class is graded on a pass/no pass basis and does not meet math competency.

PSYC C1000 Introduction to Psychology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 or ESLW 340; and LIBR 318 with grades of "C" or better.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID PSY 110

This course was formerly known as PSYC 300 General Principles.

This course is an introduction to psychology, which is the study of the mind and behavior. Students
focus on theories and concepts of biological, cognitive, developmental, environmental, social, and
cultural influences; their applications; and their research foundations. PSYC C1000 was formerly known as PSYC 300. Students may not receive credit for both PSYC 300 and PSYC C1000.

PSYC 312 Biological Psychology

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: PSYC C1000 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L5; Cal-GETC Area 5B; Cal-GETC Area 5C

C-ID: C-ID PSY 150

This course will focus on how the brain produces thought and behavior. It will explore the physiological, biochemical, genetic, and evolutionary mechanisms underlying fundamental human capacities such as sensory perception, movement, sleep, dreaming, emotion, motivation, memory and language. Students will explore the broader ethical and societal implications of recent advances in neuroscience, as well as the variety of research methods used to achieve these advances. Students will dissect brains and other nervous tissue and record psychophysiological signals to provide a deeper understanding of nervous system anatomy and physiology. This is a basic course for psychology, biological science and allied health majors.

PSYC 320 Social Psychology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID PSY 170

This course focuses on the scientific study of human interaction, with an emphasis on the individual within a social context. Study includes: social perception, social cognition, attitudes and attitude change, the self and social identity, prejudice, interpersonal attraction, close relationships, social influence, prosocial behavior, aggression, and group behavior.

PSYC 330 Introductory Statistics for the Behavioral Sciences

Units: 3

Hours: 54 hours LEC

Prerequisite: Intermediate Algebra or equivalent (e.g. Integrated Math 3) with a grade of "C-" or better, OR or placement into transfer-level mathematics through the Los Rios Placement process.

Transferable: CSU; UC (UC credit limitation: 330 and STAT 300 combined: maximum credit, one course)

General Education: Local GE L2; Cal-GETC Area 2

C-ID: C-ID MATH 110; C-ID SOCI 125

This course focuses upon the concepts and applications of descriptive and inferential statistics in psychology and other behavioral sciences. Topics include: descriptive statistics; probability and sampling distributions; parametric and nonparametric statistical methods, hypothesis testing, statistical inference and power; correlation and regression; chi-square; t-tests; and analysis of variance procedures. Application of both hand-computation and statistical software to data in a social science context will be emphasized to include the interpretation of the relevance of the statistical findings.

PSYC 335 Research Methods in Psychology

Units: 3

Hours: 54 hours LEC

Prerequisite: PSYC C1000 and 330 with grades of "C" or better

Transferable: CSU; UC

General Education: Local GE L1B; Local GE L4; Cal-GETC Area 4

C-ID: C-ID PSY 200

This course introduces students to the basic principles and methods of conducting psychological research. The course is designed to expose students to the different experimental and non-experimental research methods used by psychologists to study human behavior and thought processes. In this course, students will engage in each step of the research process including developing a hypothesis, conducting a literature review, designing a study, collecting data, analyzing data, and writing up and presenting the results.

PSYC 340 Abnormal Behavior

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Local GE L7B; Cal-GETC Area 4

C-ID: C-ID PSY 120

This course is an exploration of the broad questions of normality and abnormality. It includes an investigation of specific mental, emotional, and behavioral difficulties as viewed from the biological, psychoanalytic, behavioral, cognitive, humanistic and socio-cultural perspectives. Current approaches to psychological assessment and treatment modalities will be covered, including current community mental health practices. Students will learn research methodology in psychopathology including descriptive, epidemiological, experimental, and single-subject approaches.

PSYC 356 Human Sexuality

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Local GE L7B; Cal-GETC Area 4

C-ID: C-ID PSY 130

This course offers a balanced scientific understanding of human sexuality from birth through adulthood. The course provides factual, up-to-date nonjudgmental information designed to dispel myths, facilitate problem identification and possible solutions, and enable students to make healthy and responsible decisions throughout their lives. Sexuality is explored from historical, cultural, psychological, physiological, and sociological perspectives. Topics include sexual anatomy and

physiology, conception and childbirth, contraception, sexual development, sexual orientation, sexual arousal and response, sex research, sexually transmitted infections, intimacy and relationships, variations in sexual behavior, and sexual coercion.

PSYC 368 Cross Cultural Psychology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: PSYC C1000

Transferable: CSU; UC

General Education: Local GE L4; Local GE L7B; Cal-GETC Area 4

This course will address the influence of culture on psychological processes. The focus will be on culture, broadly-defined, including concepts such as gender, race, age, ethnicity, sexual orientation, religion, and socioeconomic status, and examining the role of culture in psychological theories and research relevant to cognition, emotion, motivation, personality, and developmental processes. The course emphasizes critical evaluation of research methodologies and biases in the study of diverse populations, as well as self-reflection on cultural assumptions, ethnocentrism, and cultural competence in an increasingly diverse society. This course is not open to those who have completed SWHS 331.

PSYC 370 Human Development: A Life Span

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 with a grade of "C" or better

Transferable: CSU; UC (ECE 312, FCS 324, PSYC 370 and PSYC 372: maximum credit, two courses)

General Education: Local GE L4; Local GE L7B; Cal-GETC Area 4

C-ID: C-ID PSY 180

This course provides an overview of human development across the lifespan, from conception through death. Students will be introduced to theoretical and practical applications of developmental principles from the physical, cognitive, and social-emotional domains. Included in these broad developmental areas are topics such as temperament, attachment, learning, self-esteem, gender and sexuality, family and peer influences, parenting, work and achievement, and death and bereavement. This course should help you apply knowledge about human development to your life, caregiving, and careers in psychology, education, nursing, medicine, and social work.

PSYC 390 Psychology of Death and Dying

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000, ENGL C1000H, or ESLW 340 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L4; Local GE L7B; Cal-GETC Area 4

This course is an investigation of the beliefs, attitudes, and behaviors associated with death and dying. Topics such as life-threatening illness, suicide, bereavement, euthanasia, and philosophical views on the phenomenon of death are explored.

PSYC 495 Independent Studies in Psychology

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

PSYC 499 Experimental Offering in Psychology

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Radiology Technology

Overview

The Radiology Technology (RADTEC) program is anticipated to launch in Fall 2026. However, the first course – RADTEC 100: Introduction to Radiologic Technology (a required prerequisite) – will be offered in both Spring and Summer 2026.

Degrees Offered

A.S. in Radiologic Technology

Division Dean: John Skellenger

Department Chair: Jason Pedro

Phone: (916) 608-6927

Email: CareerPrograms@flc.losrios.edu

Associate Degree

A.S. in Radiologic Technology

The Radiology Technology program prepares students for careers as Radiologic Technologists in the medical field. Upon obtaining the required certification and licensure, graduates may pursue employment in hospitals, outpatient clinics, medical offices, and other healthcare settings. This 24-month program spans Summer, Fall, and Spring semesters over two consecutive years. Upon successful completion, students earn an Associate of Science (A.S.) Degree in Radiology Technology and become eligible to sit for both the California Department of Public Health, Radiologic Health Branch (DPH-RHB) state licensing exam and the national certification exam administered by the American Registry of Radiologic Technologists (ARRT). Prospective students are strongly encouraged to complete all General Education requirements for the associate degree prior to entering the program.

Degree Requirements

Course Code	Course Title	Units
RADTEC 300	Patient Care in Medical Imaging	2
RADTEC 301	Radiology Physics and Equipment	3
RADTEC 311	Radiographic Anatomy and Positioning I	3
RADTEC 312	Radiographic Anatomy and Positioning I Lab	0.5
RADTEC 321	Radiographic Anatomy and Positioning II	3
RADTEC 322	Radiographic Anatomy and Positioning II Lab	0.5
RADTEC 326	Radiobiology	2
RADTEC 327	Principles of Radiation Exposure and Equipment	3
RADTEC 335	Radiographic Cross Sectional Anatomy	2
RADTEC 339	Radiographic Pathology	2
RADTEC 340	Career Development and Advancement	2
RADTEC 341	Radiographic Anatomy and Positioning III	3
RADTEC 342	Radiographic Anatomy and Positioning III Lab	0.5
RADTEC 345	Radiographic Pharmacology and Venipuncture	2.5
RADTEC 346	Introduction to Mammography (2.5)	2.5
or RADTEC 347	Introduction to Computed Tomography (2.5)	
RADTEC 350	Radiologic Technology Board Review	3
RADTEC 351	Radiographic Anatomy and Positioning IV	3
RADTEC 352	Radiographic Anatomy and Positioning IV Lab	0.5
RADTEC 358	Image Analysis	2
RADTEC 361	Radiographic Technology Practicum I	4
RADTEC 362	Radiographic Technology Practicum II	6
RADTEC 363	Radiographic Technology Practicum III	4
RADTEC 364	Radiographic Technology Practicum IV	8
RADTEC 365	Radiographic Technology Practicum V	9
Total Units:		**71**

The Radiologic Technology Associate in Science (A.S.) degree may be obtained by completion of the required program, plus the local FLC General Education Requirement, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- Complete the application process for enrollment in the RADTEC program.
- Acceptance into the RADTEC program and completion of all of the following eligibility criteria with a grade of "C" or better. All science prerequisites must be completed at the time of application.
- RADTEC 100 - Introduction to Radiologic Technology
- AH 311- Medical Language for Healthcare Providers
- CHEM 305 -Introduction to Chemistry
- BIOL 430 -Anatomy and Physiology
- BIOL 431 -Anatomy and Physiology
- COMM 321 - Interpersonal Communication (preferred), or any other 3-unit communication course.

- It is highly recommended that students complete any remaining general education requirements before enrolling in the RADTEC program, as there may not be sufficient time to take additional courses once enrolled.

Enrollment Process

Eligible students are selected for the program according to the following steps:

- Applications to the program may be obtained online at the program website.
- Only students who meet the pre-enrollment requirements and follow the pre-enrollment procedures, including a pre-application meeting with Counseling Services, will be considered for the RADTEC Program. Meeting all these requirements does not guarantee acceptance into the program.
- Selection is based on a computerized random selection process from a qualified applicant pool.
- The students accepted into the RADTEC Program must fulfill all requirements set forth by the RADTEC Student Guidelines including but not limited to: background clearance, physical examination, immunization clearance, and drug screening. The student is responsible for any cost incurred related to meeting the requirements.
- Students who are not accepted into the RADTEC Program must reapply to the program at its next offering. There is no waitlist for the RADTEC Program.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply positioning skills accordingly in the clinical setting.
- practice radiation safety in accordance with the ALARA principle (as low as reasonably achievable).
- critique images for diagnostic quality adapt to patient conditions through technical factors.
- apply effective written and oral communication skills.
- demonstrate professionalism and ethical behavior.
- pass the American Registry of Radiologic Technologists (AART) exam.

Career Information

Radiologic technicians can work in hospitals, outpatient clinics, imaging centers, physician offices, and urgent care facilities. They may also work in mobile imaging services, research, or teaching.

Radiology Technology (RADTEC) Courses

RADTEC 100 Introduction to Radiologic Technology

Units: 1

Hours: 18 hours LEC

Prerequisite: None.

This course provides an overview of Radiologic Science. This course covers the health care delivery system, including organizational structure, professional organizations, and career advancements. This course will also cover educational survival skills, thinking critically, and problem-solving strategies.

RADTEC 299 Experimental Offering in Radiology Technology

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

RADTEC 300 Patient Care in Medical Imaging

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiology Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course provides students with the imaging sciences and patient care needs for clinical practice. It covers the clinical environment, patient interactions, ethical and law issues, and the code of ethics and practice standards for imaging professionals.

RADTEC 301 Radiology Physics and Equipment

Units: 3

Hours: 49.5 hours LEC; 13.5 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiology Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course provides students with a foundational understanding of physics for imaging professionals. Students will explore topics such as electricity, electromagnetism, X-ray production, and the equipment used in these processes. They will also learn how radiation is generated, how it interacts with the body, and how to assess image quality. The course includes a lab component where students conduct experiments to reinforce their learning.

RADTEC 311 Radiographic Anatomy and Positioning I

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Corequisite: RADTEC 312

Enrollment Limitation: Students must be admitted to the Radiology Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course introduces students to the general anatomy of the thorax, abdomen, and upper extremities. Students will learn about anatomical planes, projections, positions, and the required views needed to demonstrate anatomy for diagnosis. Students will also learn the required technical factors for each view and how best to protect patients from radiation.

RADTEC 312 Radiographic Anatomy and Positioning I Lab

Units: 0.5

Hours: 27 hours LAB

Prerequisite: None.

Corequisite: RADTEC 311

Enrollment Limitation: Students must be admitted to the Radiology Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This lab course introduces students to the general anatomy of the thorax, abdomen, and upper extremities. Students will differentiate anatomical planes, projections, positions, and the required views needed to demonstrate anatomy for diagnosis. Students will apply the required technical factors for each view and how best to protect patients from radiation.

RADTEC 321 Radiographic Anatomy and Positioning II

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Corequisite: RADTEC 322

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course introduces students to the general anatomy of the lower extremities, pelvis and hip. Students will learn about anatomical planes, projections, positions, and the required views needed to demonstrate anatomy for diagnosis. Students will also learn the required technical factors for each view and how best to protect patients from radiation.

RADTEC 322 Radiographic Anatomy and Positioning II Lab

Units: 0.5

Hours: 27 hours LAB

Prerequisite: None.

Corequisite: RADTEC 321

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This lab course introduces students to the general anatomy of the lower extremities, pelvis, and hip. Students will differentiate anatomical planes, projections, positions, and the required views needed to demonstrate anatomy for diagnosis. Students will apply the required technical factors for each view and how best to protect patients from radiation.

RADTEC 326 Radiobiology

Units: 2

Hours: 33 hours LEC; 9 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course provides a comprehensive foundation in the principles and practices of radiation safety. Students will explore both fundamental and advanced concepts in radiation protection, radiobiology, and radiation physics. Emphasis is placed on the safe use of ionizing radiation across all imaging modalities, understanding its effects on the human body at both the cellular and systemic levels. The course also covers regulatory and advisory exposure limits, as well as the implementation of effective radiation safety protocols for both patients and healthcare personnel.

RADTEC 327 Principles of Radiation Exposure and Equipment

Units: 3

Hours: 51 hours LEC; 9 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course introduces students to the fundamental principles of digital imaging and image storage in medical radiography. Topics include Computed Radiography (CR), Digital Radiography (DR), Picture Archiving and Communication Systems (PACS), digital image characteristics, and image acquisition processes. The course also covers quality control and management practices for CR, DR, and PACS. A hands-on lab component is included to reinforce theoretical concepts and enhance practical learning.

RADTEC 335 Radiographic Cross Sectional Anatomy

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course offers students a comprehensive study of diagnostic imaging, featuring Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) scans of the cranium, facial bones, brain, spine, neck, thorax, abdomen, pelvis, and upper and lower extremities. It provides a full-body perspective, illustrating various anatomical planes and imaging sequences for a deeper understanding of medical diagnostics.

RADTEC 339 Radiographic Pathology

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course introduces students to the most frequently encountered radiographic pathologies. It provides a comprehensive review of each organ system, including the respiratory, cardiovascular, skeletal, gastrointestinal, urinary, reproductive, and nervous systems.

RADTEC 340 Career Development and Advancement

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course introduces students to advanced modalities in medical imaging. The students will learn about Computed Tomography, Magnetic Resonance Imaging, Vascular and Cardiac Interventional Radiology, Diagnostic Medical Sonography, Nuclear Medicine and Molecular Imaging, Bone Densitometry, and Radiation Oncology. Students will also develop resumes and interview skills.

RADTEC 341 Radiographic Anatomy and Positioning III

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course introduces students to the general anatomy of the bony thorax, shoulder, and spine, with emphasis on radiographic positioning and image evaluation. Students will learn anatomical planes, projections, and positions, along with the required views to accurately demonstrate anatomy for diagnostic purposes. The course also covers technical factors essential for image quality and best practices for minimizing patient radiation exposure.

RADTEC 342 Radiographic Anatomy and Positioning III Lab

Units: 0.5

Hours: 27 hours LAB

Prerequisite: None.

Corequisite: RADTEC 341

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This lab course introduces students to the general anatomy of the bony thorax, shoulder, and spine, with emphasis on radiographic positioning and image acquisition. Students will differentiate anatomical planes, projections, and positions, and identify the diagnostic views required to visualize each region effectively. The course also covers the application of technical factors for optimal image quality and strategies to minimize patient radiation exposure.

RADTEC 345 Radiographic Pharmacology and Venipuncture

Units: 2.5

Hours: 41 hours LEC; 12 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course provides an introduction to pharmacological terminology, drug classifications, and the principles of pharmacokinetics, with a focus on medications used in diagnostic imaging. Students will explore commonly used contrast agents, their mechanisms of action, and potential medical emergencies associated with their administration. Hands-on instruction in venipuncture techniques will be included, utilizing mannequins to build foundational skills in intravenous access.

RADTEC 346 Introduction to Mammography

Units: 2.5

Hours: 45 hours LEC

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course introduces students to the field of breast imaging. This course will cover the views required for 2D and 3D imaging of the breast for both screening and diagnostic imaging. Students will learn about computed radiography and digital image acquisition. This course will also cover the quality assurance and quality control required for mammography and common pathologies found in breast imaging.

RADTEC 347 Introduction to Computed Tomography

Units: 2.5

Hours: 45 hours LEC

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course provides an introduction to the fundamental physical principles of Computed Tomography (CT), emphasizing patient care, clinical operations, and quality control practices. Students will explore the evolution of CT technology—from first-generation scanners to the advanced systems used in contemporary imaging. The curriculum also covers essential body scanning protocols, preparing students for practical application in clinical settings.

RADTEC 350 Radiologic Technology Board Review

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This capstone course provides a comprehensive review of key concepts covered throughout the two-year program, including patient care, radiographic procedures, imaging physics, and radiation biology. Designed to reinforce foundational knowledge and clinical readiness, the course prepares students for success on the ARRT national certification exam.

RADTEC 351 Radiographic Anatomy and Positioning IV

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Corequisite: RADTEC 352

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course provides an overview of anatomical structures and radiographic considerations related to the cranium, traumatic injuries, gastrointestinal tract, gastrourinary system, and reproductive organs. Emphasis is placed on imaging techniques for both geriatric and pediatric populations, highlighting age-specific considerations. Students will explore anatomical planes, projections, and positioning strategies essential for accurate diagnostic imaging. The curriculum also covers technical factors required for optimal image acquisition and best practices for minimizing patient radiation exposure.

RADTEC 352 Radiographic Anatomy and Positioning IV Lab

Units: 0.5

Hours: 27 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This lab course introduces students to radiographic anatomy and positioning techniques for the cranium, trauma cases, gastrointestinal, gastrourinary, and reproductive systems. Students will gain hands-on experience positioning geriatric and pediatric patients, adapting methods to meet diverse clinical needs. The course emphasizes identifying anatomical planes, projections, and positions, selecting appropriate diagnostic views, applying technical factors, and implementing best practices for radiation protection.

RADTEC 358 Image Analysis

Units: 2

Hours: 36 hours LEC

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course equips students with foundational skills to evaluate medical images for diagnostic quality. Emphasis is placed on identifying common image artifacts, assessing anatomical rotation, and recognizing variables that can compromise image integrity. Students will also develop strategies to correct suboptimal images and ensure they meet diagnostic standards.

RADTEC 361 Radiographic Technology Practicum I

Units: 4

Hours: 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course introduces students to the clinical setting, providing hands-on experience in patient care and radiographic positioning. Emphasis is placed on positioning techniques for the thorax, abdomen, and upper extremities. Students will gain a foundational understanding of anatomical planes, projections, and positioning terminology, as well as the standard views required for accurate diagnosis. The course also covers appropriate technical factors for each radiographic view and emphasizes best practices in radiation protection to ensure patient safety. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

RADTEC 362 Radiographic Technology Practicum II

Units: 6

Hours: 324 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course introduces students to the clinical setting, providing hands-on experience in patient care and radiographic positioning. Emphasis is placed on positioning techniques for the lower extremities, pelvis and hip. Students will gain a foundational understanding of anatomical planes, projections, and positioning terminology, as well as the standard views required for accurate diagnosis. The course also covers appropriate technical factors for each radiographic view and emphasizes best practices in radiation protection to ensure patient safety. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

RADTEC 363 Radiographic Technology Practicum III

Units: 4

Hours: 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course introduces students to the clinical setting, providing hands-on experience in patient care and radiographic positioning. Emphasis is placed on positioning techniques for the thorax, abdomen, pelvis, hip, and upper and lower extremities. Students will gain a foundational

understanding of anatomical planes, projections, and positioning terminology, as well as the standard views required for accurate diagnosis. The course also covers appropriate technical factors for each radiographic view and emphasizes best practices in radiation protection to ensure patient safety. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

RADTEC 364 Radiographic Technology Practicum IV

Units: 8

Hours: 432 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course introduces students to the clinical setting, providing hands-on experience in patient care and radiographic positioning. Emphasis is placed on positioning techniques for the thorax, shoulder, and spine. Students will gain a foundational understanding of anatomical planes, projections, and positioning terminology, as well as the standard views required for accurate diagnosis. The course also covers appropriate technical factors for each radiographic view and emphasizes best practices in radiation protection to ensure patient safety. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

RADTEC 365 Radiographic Technology Practicum V

Units: 9

Hours: 486 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must be admitted to the Radiologic Technology Program and have met all requirements for entry including, but not limited to: submitting an application, passing all drug, background, and immunology screening requirements, and paying their portion of the college's liability insurance policy.

Transferable: CSU

This course introduces students to the clinical setting, providing hands-on experience in patient care and radiographic positioning. Emphasis is placed on positioning techniques for the cranium, gastrointestinal, genitourinary, reproductive systems, as well as trauma-related cases. Students will gain a foundational understanding of anatomical planes, projections, and positioning terminology, as well as the standard views required for accurate diagnosis. The course also covers appropriate technical factors for each radiographic view and emphasizes best practices in radiation protection to ensure patient safety. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

RADTEC 499 Experimental Offering in Radiology Technology

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Real Estate

Overview

Folsom Lake College offers a variety of courses available which satisfy the State of California prerequisites for the Real Estate Salesperson and Real Estate Broker examinations.

Certificates Offered

Real Estate Sales Certificate

Division Dean: Carlos Lopez

Department Chair: Jennifer Black

Phone: (916) 608-6849

Email: lopezc@flc.losrios.edu

Certificate

Real Estate Sales Certificate

This certificate introduces the basic concepts of the real estate career field. Topics include the principles of real estate, law, economics, finance, practice and appraisal.

Certificate Requirements

Course Code	Course Title	Units
RE 110	Legal Aspects of Real Estate	3
RE 120	Real Estate Practice	3
RE 300	California Real Estate Principles	3
Total Units:		**9**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply a basic knowledge of the fundamental concepts of real estate.
- define the technical terminology involved in the real estate field.
- interpret and apply a knowledge of real estate transactions.
- qualify for the California Real Estate Salesperson's License Examination.
- analyze real estate situations and property, interpret the data, and properly complete deposit receipts.

Career Information

Career Opportunities: Career opportunities include Real Estate Salesperson, Real Estate Broker, Real Estate Investor, Real Estate Lender, and Small Business Owner.

Real Estate (RE) Courses

RE 110 Legal Aspects of Real Estate

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

This course introduces California Real Estate law. Topics include: the sources of law and the judicial system; agency; duties and responsibilities of licensees; contracts and their application to real estate; property ownership and management; real estate security devices; property rights, liens and homesteads; and landlord-tenant law, land use controls, and title insurance and escrow. Completion of the course applies toward the California Department of Real Estate education requirements for the broker's examination.

RE 120 Real Estate Practice

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

This course covers practices and techniques of residential real estate brokerage and sales, including ethics, fair housing agency, goal setting, prospecting, listing, advertising, escrow procedures, financing, taxation, marketing, property management, leasing and business opportunities. This course applies toward California Department of Real Estate education requirements for the broker's examination.

RE 295 Independent Studies in Real Estate

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

RE 299 Experimental Offering in Real Estate

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

RE 300 California Real Estate Principles

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

This fundamental real estate course covers the basic laws and principles of California real estate, introducing students to the background and terminology necessary for advanced study in specialized real estate courses. Topics include real estate regulation, title, possession, encumbrances and financing. This course is required by the California Department of Real Estate prior to taking the real estate salesperson's examination.

RE 495 Independent Studies in Real Estate

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

RE 499 Experimental Offering in Real Estate

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

Sign Language Studies

Overview

Folsom Lake College's sign language studies curriculum offers courses designed to introduce students to American sign language. Students learn basic conversational skills to communicate with members of the deaf community. Moreover, students learn about deaf culture, such as cultural behaviors and values.

Sign language courses are transferable to UC and CSU. Students who are interested in pursuing the interpreting field would be able to transfer to American River College's Interpreter Preparation Program.

Division Dean: Francis Fletcher

Department Chair: Michelle Lennert

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Sign Language Studies (SILA) Courses

SILA 305 American Sign Language 1

Units: 4

Hours: 72 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3

This is a beginning course in a series of four courses in American Sign Language, ASL. ASL employs the visual language, which Deaf Americans and Deaf Canadians use. The instructional activities are based on immersion approach, which the learners develop the language competency to communicate with ASL users. This course is designed for students who have limited or no exposure to ASL. Moreover, the engagement of audism-free environment will be fostered in the classroom. Students may be required to attend to local deaf event(s).

SILA 306 American Sign Language 2

Units: 4

Hours: 72 hours LEC

Prerequisite: SILA 305 with a grade of "C" or better

This is the experimental courses description.

Advisory: ENGRD 310 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3

SILA 306 is second course in a series of four courses in American Sign Language, ASL, which is designed for students who have completed SILA 305. The study in this course continues on vocabulary, syntactic structures, conversational skills and narrative skills. In addition to these, the learners' language monitoring skills will be improved with accuracy. The learners will learn on how to engage in discussions with peers. Moreover, the application of audism-free environment will be engaged to foster the cultural understanding and respect of Deaf people. Students may be required to attend local deaf event(s). SILA 306 is a former course name of DEAF 312.

SILA 315 American Sign Language 3

Units: 4

Hours: 72 hours LEC

Prerequisite: SILA 306 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3

This course is third level of ASL courses. This course is designed for students who have completed SILA 306 or two years of high school ASL study. It emphasizes expressive and receptive visual language acquisition. It provides an understanding of deaf cultural processes by identifying behaviors and norms from activities assigned in the class. It also includes dialogs that involve asking, empathizing, negotiating and agreeing or disagreeing. Moreover, this course covers the language and cultural relationship to onomatopoeia. The deaf perspectives of U.S. and Canada history will be examined. Audism-free will be emphasized to appreciate and respect the struggles of Deaf people in its relationship to White Western colonialism.

SILA 316 American Sign Language 4

Units: 4

Hours: 72 hours LEC

Prerequisite: SILA 315 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

The fourth course of the series explores in the domains of presentation, discussion, negotiation, and inquiry in the targeted language, ASL. The platform of this course is to strengthen the fluency in ASL receptively and expressively. In addition to these, the Deafhood theory, social norms and history will be explored.

SILA 495 Independent Studies in Sign Language Studies

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

SILA 499 Experimental Offering in Sign Language Studies

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Social Justice Studies

Overview

The social justice studies program examines the sociology, history, economy, and psychology of oppression based on race, ethnicity, class, gender, sexuality, and other aspects of group identity and experience in the U.S. These courses also explores the histories, strategies, and structures of movements for social justice and liberation, as well as investigating how creating and undoing asymmetrical power relations are linked to social structures, institutional processes, and culture. Additionally, it provides a basis for a better understanding of socioeconomic, political, and cultural conditions of key social groups in the United States.

Division Dean: Dr. Rose Giordano

Department Chair: Dr. Diane Carlson

Phone: (916) 361-6330

Email: giordar@flc.losrios.edu

Social Justice Studies (SJS) Courses

SJS 299 Experimental Offering in Social Justice Studies

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

SJS 300 Introduction to Social Justice Studies

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID SJS 110

This interdisciplinary course introduces students to the social structures, institutional processes, power relationships, and cultural mechanisms that construct and resist oppression. The course examines the sociology, history, economy, and psychology of oppression based on race, ethnicity, class, gender, sexuality, and other aspects of group identity and experience in the U.S. The course also explores the histories, strategies, and structures of movements for social justice and liberation, as well as investigating how creating and undoing asymmetrical power relations are linked to social structures, institutional processes, and culture. Additionally, it provides a basis for a better understanding of socioeconomic, political, and cultural conditions of key social groups in the United States. Topics include theoretical foundations of social justice and oppression, history and politics of group identity, culture and ideologies, forms of oppression, privilege, and forms of resistance.

SJS 499 Experimental Offering in Social Justice Studies

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Social Work/Human Services

Overview

The Folsom Lake College Social Work & Human Services (SWHS) Program is a Career Education program. Our stackable certificates and associate degree prepare students for immediate employment in paraprofessional and associate level careers in social service settings. Students who earn the Human Services Paraprofessional Certificate (18 units) can take additional units in the program to earn the Human Services Specialist Certificate (27 units), and the SWHS General AA (60 units).

Coursework focuses on skill development around core competencies, including interpersonal communication, case notes/writing/documentation, critical thinking, professional identity development, ethical and professional behavior, advocacy and social justice, cultural humility, and culturally responsive practice. Through our capstone practicum courses (SWHS 366 & 367), this academic program also provides students with a unique opportunity to apply what they are learning in the classroom to practice through volunteer or work experience in a community-based social service setting.

The Associate Degree for Transfer in SWHS prepares students for transfer to four-year colleges and universities to continue their social work education. Those interested in transferring should meet with a counselor to select and plan the courses for your major, as transfer institutions vary widely in the courses required for undergraduate preparation.

Degrees and Certificates Offered

A.A.-T. in Social Work & Human Services

A.A. in Social Work/Human Services, General

Human Services Paraprofessional Certificate

Human Services Specialist Certificate

Division Dean: Dr. Rose Giordano

Department Chair: Dr. Jill Bradshaw

Phone: (916) 361-6330

Email: giordar@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in Social Work & Human Services

The Associate in Arts in Social Work and Human Services for Transfer degree program provides students with a major that fulfills the general requirements of the California State University for transfer. Students with this degree will receive priority admission with junior status to the California State University system. Students interested in transferring to a CSU campus to pursue a bachelorâ€™s degree in Social Work and Human Services should meet with a counselor to confirm the courses required for lower-division preparation in the major.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) The California General Education Transfer Curriculum (CAL-GETC).
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
(2) Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer also require that students must earn a C or better in all courses required for the major or area of emphasis. A â€œPâ€ (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
BIOL 300	The Foundations of Biology (3)	3 - 4
or BIOL C1000	Introduction to Biology with Lab (4)	
or BIOL 310	General Biology (4)	
or ANTH 300	Biological Anthropology (3)	
ECON C2002	Principles of Macroeconomics (3)	3
or ECON C2001	Principles of Microeconomics (3)	
PSYC C1000	Introduction to Psychology	3
SOC 300	Introductory Sociology	3
STAT C1000	Introduction to Statistics (4)	3 - 4
or PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
SWHS 300	Introduction to Social Work & Human Services	3
SWHS 366	Practices in Human Services	3
A minimum of 6 units from the following:		6
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
COMM 325	Intercultural Communication (3)	
ENGL C1001	Critical Thinking and Writing (3)	
or ENGL C1001H	Critical Thinking and Writing - Honors (3)	
ECE 312	Child Development (3)	

Course Code	Course Title	Units
ECE 314	The Child, the Family and the Community (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 370	Human Development: A Life Span (3)	
SOC 301	Social Problems (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SJS 300	Introduction to Social Justice Studies (3)	
Total Units:		**27 - 29**

The Associate in Arts in Social Work & Human Services for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- identify and describe the basic skills, duties and responsibilities of a social work/human services paraprofessional.
- identify social service and welfare systems, policies, and programs.
- describe the ethical standards for social work/ human services paraprofessionals and demonstrate effective use of an ethical decision-making model.
- demonstrate appropriate interpersonal and social skills in interactions with a diverse population using the core principles of equity, social justice, cultural humility, and person-centered practice.
- evaluate developing identity as a skilled, ethical, and self-reflective social work/human services paraprofessional.
- demonstrate familiarity with the major concepts and theoretical perspectives in economics, psychology, sociology, and social work.
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Career Information

The Social Work & Human Services degree is designed to facilitate studentsâ€™ successful transition to four-year Social Work programs which prepare students for advanced studies in a variety of graduate programs and for entry level positions in a variety of social service settings. Social Workers with graduate degrees and professional licensure have a broad range of employment opportunities, including, but not limited to, clinical practice, community organizing, policy, advocacy, research, and teaching. Social Workers work in a variety of settings and with a wide range of clients.

Associate Degrees

A.A. in Social Work/Human Services, General

The A.A. degree program in Social Work/Human Services prepares students for employment in paraprofessional positions in human service settings and prepares students for transfer to 4-year colleges or universities to continue their education toward advanced degrees and potential licensure in Social Work or related fields. Coursework focuses on skill development around core competencies for basic practice, including: interpersonal communication, case notes/writing/ documentation, critical thinking, professional identity development, ethical and professional behavior, advocacy and social justice, cultural humility, and techniques for working with individuals and groups.

Degree Requirements

Course Code	Course Title	Units
PSYC C1000	Introduction to Psychology	3
SWHS 300	Introduction to Social Work & Human Services	3
SWHS 302	Introduction to Psychology of Human Relations	3
PSYC 368	Cross Cultural Psychology (3)	3
SWHS 350	Ethical Issues in Social Work/Human Services	3
SWHS 360	Techniques for Interviewing and Case Management Services	3
SWHS 366	Practices in Human Services	3
A minimum of 9 units from the following:		9
ADMJ 300	Introduction to Administration of Justice (3)	
ANTH 310	Cultural Anthropology (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ENGL C1001	Critical Thinking and Writing (3)	
HIST 331	Women in American History (3)	
PHIL 310	Introduction to Ethics (3)	
PSYC 312	Biological Psychology (4)	
PSYC 320	Social Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 370	Human Development: A Life Span (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	

Course Code	Course Title	Units
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 340	Introduction to Chemical Dependency (3)	
SWHS 365	Techniques for Working with Groups (3)	
SWHS 367	Advanced Practices in Human Services (3)	
SWHS 494	Topics in Human Services (0.5 - 4)	
SWHS 498	Work Experience in Human Services (0.5 - 4)	
Total Units:		30

The Social Work/Human Services, General Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- define, describe, and demonstrate the basic skills, duties and responsibilities of a human services paraprofessional.
- discuss and analyze human service and welfare systems, policies, and programs.
- describe the ethical standards for Human Services & Social Work professionals and demonstrate effective use of a ethical decision-making model.
- demonstrate appropriate interpersonal and social skills in interactions with a diverse population using core principles of equity, social justice, cultural humility, and person-centered practice.
- identify and demonstrate effective techniques for working with individuals and/or groups.
- evaluate developing identity as a skilled, ethical, and self-reflective social work/human services paraprofessional.
- demonstrate familiarity with the major concepts and theoretical perspectives in psychology, sociology and/or social work.
- demonstrate proficiency in writing, critical thinking, quantitative reasoning, and introductory statistics.

Career Information

Job titles may include, but are not limited to: Case Manager; Behavioral Technician; Social and Human Service Specialist; Residential Advisors; Health Educator; Community Health Worker; Rehabilitation Specialist; Social and Community Service Specialist; Advocate; Mental/Behavioral Health Specialist; Peer Mentor/Peer Specialist; Service Coordinator

Certificates of Achievement

Human Services Paraprofessional Certificate

The Human Services Paraprofessional Certificate prepares students for employment in entry-level paraprofessional positions in human services settings. Coursework focuses on skill development around core competencies for basic practice, including: interpersonal communication, case notes/writing/documentation, and ethical & professional behavior. This program is aligned with coursework for the Human Services Specialist Certificate and SWHS General AA degree, allowing students to continue forward in their career and educational pathways, if desired.

Certificate Requirements

Course Code	Course Title	Units
SWHS 300	Introduction to Social Work & Human Services	3
SWHS 302	Introduction to Psychology of Human Relations	3
PSYC 368	Cross Cultural Psychology (3)	3
SWHS 350	Ethical Issues in Social Work/Human Services	3
PSYC C1000	Introduction to Psychology	3
A minimum of 3 units from the following:		3
ADMJ 300	Introduction to Administration of Justice (3)	
ANTH 310	Cultural Anthropology (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ENGL C1001	Critical Thinking and Writing (3)	
HIST 331	Women in American History (3)	
PHIL 310	Introduction to Ethics (3)	
PSYC 312	Biological Psychology (4)	
PSYC 320	Social Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 370	Human Development: A Life Span (3)	

Course Code	Course Title	Units
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 340	Introduction to Chemical Dependency (3)	
SWHS 360	Techniques for Interviewing and Case Management Services (3)	
SWHS 365	Techniques for Working with Groups (3)	
Total Units:		**18**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- identify, describe, and perform the basic skills, duties and responsibilities of a human services paraprofessional.
- identify human service and welfare systems, policies, and programs.
- accurately describe ethical standards for Human Services professionals and an ethical decision-making model.
- demonstrate appropriate interpersonal and social skills in interactions with a diverse populations.

Career Information

Career Opportunities - Job titles include: Social and Human Service Assistants; Direct Care Support; In-Home Health Assistant; Residential Assistant; Day Program Assistant; Rehabilitation Assistant; Social and Community Service Assistant; Peer Mentor.

Human Services Specialist Certificate

The Human Services Specialist certificate program in Social Work/ Human Services prepares students for employment in paraprofessional positions in human service settings. Coursework focuses on skill development around core competencies for basic practice, including: interpersonal communication, case notes/writing/documentation, critical thinking, professional identity development, ethical and professional behavior, advocacy and social justice, cultural humility, and techniques for working with individuals and groups. This program is aligned with coursework for the SWHS General AA degree, allowing students to continue forward in their career and educational pathways, if desired.

Certificate Requirements

Course Code	Course Title	Units
PSYC C1000	Introduction to Psychology	3
SWHS 300	Introduction to Social Work & Human Services	3
SWHS 302	Introduction to Psychology of Human Relations	3
PSYC 368	Cross Cultural Psychology (3)	3
SWHS 350	Ethical Issues in Social Work/Human Services	3
SWHS 360	Techniques for Interviewing and Case Management Services	3
SWHS 366	Practices in Human Services	3
A minimum of 6 units from the following:		6
ADMJ 300	Introduction to Administration of Justice (3)	
ANTH 310	Cultural Anthropology (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ENGL C1001	Critical Thinking and Writing (3)	
HIST 331	Women in American History (3)	
PHIL 310	Introduction to Ethics (3)	
PSYC 312	Biological Psychology (4)	
PSYC 320	Social Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 370	Human Development: A Life Span (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 340	Introduction to Chemical Dependency (3)	
SWHS 365	Techniques for Working with Groups (3)	
SWHS 367	Advanced Practices in Human Services (3)	
SWHS 494	Topics in Human Services (0.5 - 4)	
SWHS 498	Work Experience in Human Services (0.5 - 4)	
Total Units:		**27**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- define, describe, and demonstrate the basic skills, duties and responsibilities of a human services paraprofessional.

- discuss and analyze human service and welfare systems, policies, and programs.
- describe the ethical standards for Human Services & Social Work professionals and demonstrate effective use of a ethical decision-making model.
- demonstrate appropriate interpersonal and social skills in interactions with a diverse population using core principles of equity, social justice, cultural humility, and person-centered practice.
- identify and demonstrate effective techniques for working with individuals and/or groups.
- evaluate developing identity as a skilled, ethical, and self-reflective social work/human services. paraprofessional
- demonstrate familiarity with the major concepts and theoretical perspectives in psychology, sociology and/or social work.

Career Information

Job titles may include, but are not limited to: Social and Human Service Specialist; Residential Specialist; Health Education specialist; Community Health Assistant; Rehabilitation Specialist; Social and Community Service Specialist; Mental/Behavioral Health Specialist; Peer Mentor/Peer Specialist

Social Work/Human Services (SWHS) Courses

SWHS 299 Experimental Offering in Social Work/Human Services

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

SWHS 300 Introduction to Social Work & Human Services

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4

C-ID: C-ID SWHS 110

This course provides an introductory overview of the fields of social welfare, social work, and human services within the United States, with a critical evaluation of contemporary social issues and the various approaches to service delivery. Students examine the historical settings and circumstances that shaped the evolution of social welfare and the social work profession, focusing on key individuals, events, policies, and legislative acts. Emphasis is placed on core skills and knowledge including a fundamental understanding of the code of ethics, ethical decision-making, values, culturally-responsive practice, cultural humility, and the generalist perspective. Additionally, students explore the various career and academic pathways in the field.

SWHS 302 Introduction to Psychology of Human Relations

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

General Education: Local GE L7B

This course introduces the skills of communicating and relating to others by improving attitudes, values, and methods that enhance communication skills in human relations. This course will improve the students' interpersonal self-awareness skills and assertiveness techniques. This course is open to all students and is a required course for the Social Work/Human Services AA degree and certificate programs. This course is not open to students who have completed HSER 302.

SWHS 340 Introduction to Chemical Dependency

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU

General Education: Local GE L7B

C-ID: C-ID ADS 110X

This introductory course provides a historical and sociological perspective on the use, abuse, and social control of drugs associated with substance use disorder. Included are overviews of the biopsychosocial nature of addiction, the impact of addiction on children, families, and society. An overview of contemporary methods used in

prevention, diagnosis, and treatment will be reviewed, including analysis of effective evidence-based strategies and local and national recovery resources.

SWHS 350 Ethical Issues in Social Work/ Human Services

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: SWHS 366

Transferable: CSU

This course introduces students to the skills, duties, and responsibilities of a human services paraprofessional, with a focus on legal and ethical obligations. Course topics include professional codes of conduct, ethical decision-making models,common social service interventions, crisis intervention, documentation, court mandated reporting, legislative mandates and laws pertaining to working with special populations. This is a required course for the Social Work/Human Services certificates and AA degree. This course is not open to students who have completed HSER 350.

SWHS 360 Techniques for Interviewing and Case Management Services

Units: 3

Hours: 54 hours LEC

Prerequisite: SWHS 302 with a grade of "C" or better

Transferable: CSU

This course introduces students to effective case management, counseling, and interviewing techniques as applied to associate paraprofessional experiences as counselors, group counselor aides, mental health workers, social service technicians and other new careers in human services. This is a required course for the Human Services Specialist certificate and the Social Work & Human Services General AA degree.

SWHS 365 Techniques for Working with Groups

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: SWHS 300 and 360

Transferable: CSU

This course introduces the basic elements and techniques of groupwork. Through class discussions, in-class practice, and role plays students will learn the knowledge and skills needed for effective group facilitation. The course emphasizes different types of groups, stages of group process, and techniques for working with specific populations including individuals with substance use disorders and those from diverse backgrounds. This course is not open to students who have completed HSER 365.

SWHS 366 Practices in Human Services

Units: 3

Hours: 18 hours LEC; 108 hours LAB

Prerequisite: SWHS 300 with a grade of "C" or better

Transferable: CSU

C-ID: C-ID SWHS 120A; C-ID SWHS 120B

This course provides students a supervised practicum experience in a community organization, agency, institution, or social service program, allowing the student to apply knowledge and learn new skills outside of the classroom environment. This course is designed to provide the student with an opportunity to observe, practice, and develop skills that would facilitate gaining employment in a paraprofessional human services position. Weekly class meetings provide the academic element to this experiential learning course. The application of concepts gained in previous social work and human services courses will be emphasized. Students complete a total of 108 hours of work or volunteer experience in a practicum setting. Students must provide their own transportation to the practicum site.

SWHS 367 Advanced Practices in Human Services

Units: 3

Hours: 18 hours LEC; 108 hours LAB

Prerequisite: SWHS 366 with a grade of "C" or better

Transferable: CSU

This advanced course provides students a supervised practicum experience in a community organization, agency, institution, or social service program, allowing the student to apply knowledge and learn new skills outside of the classroom environment. This course is designed to build upon learning from the SWHS 366 practicum experience and provide the student with another opportunity to observe, practice, and develop skills that would facilitate gaining employment in a paraprofessional human services position. Weekly class meetings

provide the academic element to this experiential learning course. The application of concepts gained in previous social work and human services courses and previous practicum experience, will be emphasized. Students complete a total of 108 hours of work or volunteer experience in a practicum setting. Students must provide their own transportation to the practicum site.

SWHS 494 Topics in Human Services

Units: 0.5 - 4

Hours: 9 - 72 hours LEC

Prerequisite: SWHS 300 and 350 with grades of "C" or better

Transferable: CSU

This practicum course provides research and classroom experience in designing programs for public and/or private agencies providing mental health, corrections, chemical dependency, and child/adolescent treatment services. Students integrate concepts, values, and skills acquired from previous courses and apply their knowledge to the process of helping others via project planning. This course is not open to students who have previously taken HSER 499: Experimental Offering in Human Services (Advanced Practices in Human Services). This course is not open to students who have completed SWHS 367.

SWHS 495 Independent Studies in Human Services

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

SWHS 498 Work Experience in Human Services

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

SWHS 499 Experimental Offering in Social Work/Human Services

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Sociology

Overview

Folsom Lake College's sociology program examines the social and cultural bases that impact human behavior, interaction, and life changes. Courses in sociology enable students to see their own contexts, their connections to social structures and natural environments, and provide important tools for thinking critically about our world.

Degrees Offered

A.A.-T. in Social Justice Studies

A.A.-T. in Sociology

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

Division Dean: Dr. Rose Giordano

Department Chair: Diane Carlson

Phone: (916) 361-6330

Email: giordar@flc.losrios.edu

Associate Degrees for Transfer

A.A.-T. in Social Justice Studies

The Associate in Arts in Social Justice Studies for Transfer Degree program provides students with a major that fulfills the general requirements of the California State University for transfer. Students with this degree will receive priority admission with junior status to the California State University system. Students interested in transferring to a CSU campus to pursue a bachelor's degree in Social Justice Studies should meet with a counselor to confirm the courses required for lower-division preparation in the major.

The Associate Degree for Transfer (ADT) student completion requirements (as stated in SB1440 law):

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
(A) The California General Education Transfer Curriculum (CAL-GETC).
(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

AA-Ts also require that students must earn a "C" or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
SJS 300	Introduction to Social Justice Studies	3
SOC 321	Race, Ethnicity and Inequality in the United States	3
SOC 341	Sex and Gender in the U.S.	3
A minimum of 9 units from the following:		9
Select 3 courses from at least two of the following areas:		
Area 1 - History or Government		
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
Area 2 - Arts and Humanities		
ARTH 312	Women in Art (3)	
ARTH 328	Survey of African Art (3)	
ARTH 330	Survey of African-American Art (3)	
ENGLT 330	African American Literature (3)	
ENGLT 360	Women in Literature (3)	
HUM 320	Asian Humanities (3)	
HUM 325	Arts and Humanities of the Islamic World (3)	
HUM 370	Women and the Creative Imagination (3)	
MUFHL 330	World Music (3)	
TA 304	Women in Theatre (3)	
Area 3 - Social Science		
COMM 325	Intercultural Communication (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
Area 4 - Quantitative Reasoning and Research Methods		
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
or STAT C1000	Introduction to Statistics (4)	
Total Units:		18

The Associate in Arts in Social Justice Studies for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- research how theoretical perspectives and critical theories on social justice inform the social, political, economic, historical, and cultural circumstances surrounding justice as they relate various intersectional aspects of life in society
- define and analyze power and oppression to better understand how they operate at the individual, cultural, and institutional levels.
- explain how intersectional formations of social identity reflecting various levels of power and privilege impact social justice at the individual, cultural, and institutional levels.

- identify and practice the methods people use to fight for social justice at local, national, and international.

Career Information

The AA-T degree provides students with a solid foundation in Social Justice Studies as well as prerequisites for upper division coursework leading to the baccalaureate degree in a variety of Areas of Emphasis. The degree gives students a pathway to possibilities, options, and baccalaureate degrees focusing on social justice. In addition, a student can use the AA-T in Social Justice Studies to get into a CSU and then complete a graduate degree in a related field. Students with degrees in this field often assume careers as (or in) the following: activists, community organizers, political campaigners, human rights groups, religious organizations, international agencies, lobbyists, and mediators. This program is also an excellent starting point for students interested in a career in law, law enforcement, social work, clinical psychology, or any social science, politics, business, education, or public policy.

A.A.-T. in Sociology

The Associate in Arts in Sociology for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Sociology at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) Cal-GETC Requirement.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0. Associate Degrees for Transfer also require that students must earn a C or better in all courses required for the major or area of emphasis. A â€œPâ€ (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
SOC 300	Introductory Sociology	3
SOC 301	Social Problems	3
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	3 - 4
or STAT C1000	Introduction to Statistics (4)	
or ECON 310	Statistics for Business and Economics (3)	
A minimum of 9 units from the following:		9
Choose two courses from list A and one additional course from either list A or list B.		
List A: Select two Courses (6 units)		
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 310	Marriage and the Family (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
List B: Select one course from the following or any course not used from List A		
SOC 379	Making Social Change (3)	
ANTH 310	Cultural Anthropology (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
PSYC C1000	Introduction to Psychology (3)	
Total Units:		**18 - 19**

The Associate in Arts in Sociology for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- compare and contrast the major theoretical perspectives in sociology.
- integrate sociological principles and concepts in analyses of social life, social structures, and socio-economic, political, and cultural institutions.
- critically evaluate data, draw reasonable conclusions, and apply these conclusions to personal, community, and societal-level problems.

- evaluate the role of theory and social research methods in sociology.
- assess the history and significance of social change and activism.
- analyze, interpret, and critically consider sociological and interdisciplinary perspectives relating to social inequalities such as racism, economic inequality, gender inequality, homophobia, and other areas of social identity.

Career Information

Sociologists with graduate degrees may teach at the high school, college, and graduate levels. Research sociologists may manage and execute research at the local, state, and federal levels in both the private and public sectors. Additional careers facilitated by the advanced study of sociology include public policy analysis, jurisprudence, and careers in international fields. Applied sociologists work in human service agencies and organizations supporting and developing resources and programs for community needs.

Associate Degrees

A.A. in Interdisciplinary Studies: Social and Behavioral Sciences

The Interdisciplinary Studies in Social and Behavioral Science degree provides an interdisciplinary approach to academic studies. The purpose of the program is for students to gain an understanding of the interconnectedness of various social and behavioral sciences. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Degree Requirements

Course Code	Course Title	Units
A minimum of 18 units from the following:		18
Select courses from at least 3 different disciplines.		
ADMJ 300	Introduction to Administration of Justice (3)	
ADMJ 302	Community Relations: Multicultural Issues (3)	
ADMJ 320	Concepts of Criminal Law (3)	
ANTH 310	Cultural Anthropology (3)	
ANTH 319	Visual Anthropology: Introduction to Ethnographic Film (3)	
ANTH 323	Introduction to Archaeology (3)	
ANTH 330	Magic, Witchcraft, and Religion (3)	
ANTH 341	Introduction to Linguistics (3)	
BUS 300	Introduction to Business (3)	
BUS 320	Concepts in Personal Finance (3)	
or ECON 320	Concepts in Personal Finance (3)	
BUS 330	Managing Diversity in the Workplace (3)	
BUS 345	Law and Society (3)	
COMM C1004	Interpersonal Communication (3)	
COMM 325	Intercultural Communication (3)	
COMM 341	Organizational Communication (3)	
COMM 351	Mass Media and Society (3)	
ECE 312	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECE 330	Infant and Toddler Development (3)	
ECE 430	Culture and Diversity in Early Childhood Education (3)	
ECON C2002	Principles of Macroeconomics (3)	
ECON C2001	Principles of Microeconomics (3)	
ECON 307	Global Issues in the Political Economy (3)	
ETHNS 300	Introduction to Ethnic Studies (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 321	African American Policy and Law (3)	
ETHNS 330	Introduction to Asian American Studies (3)	
ETHNS 331	Asian American Policy and Law (3)	
ETHNS 350	Introduction to Native American Studies (3)	
ETHNS 351	Native American Policy and Law (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
ETHNS 361	Chicana/o/x Latina/o/x Policy and Law (3)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
GEOG 322	Geography of California (3)	

Course Code	Course Title	Units
HIST 301	History of Europe and Mediterranean World to 1550 (3)	
HIST 302	History of Europe Since 1500 (3)	
HIST 307	History of World Civilizations to 1500 (3)	
HIST 308	History of World Civilizations, 1500 to Present (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
HIST 314	Recent United States History (3)	
HIST 319	American Environmental History (3)	
HIST 331	Women in American History (3)	
HIST 344	Survey of California History: A Multicultural Perspective (3)	
HIST 368	History of France (3)	
JOUR 310	Mass Media and Society (3)	
KINES 308	Women in Sport (3)	
KINES 416	Psychology of Sport (3)	
NUTRI 310	Cultural Foods of the World (3)	
POLS C1000	American Government and Politics (3)	
POLS 302	Comparative Politics (3)	
POLS 310	Introduction to International Relations (3)	
POLS 320	Introduction to Political Theory (3)	
PSYC C1000	Introduction to Psychology (3)	
PSYC 320	Social Psychology (3)	
PSYC 335	Research Methods in Psychology (3)	
PSYC 340	Abnormal Behavior (3)	
PSYC 356	Human Sexuality (3)	
PSYC 368	Cross Cultural Psychology (3)	
PSYC 370	Human Development: A Life Span (3)	
PSYC 390	Psychology of Death and Dying (3)	
SJS 300	Introduction to Social Justice Studies (3)	
SOC 300	Introductory Sociology (3)	
SOC 301	Social Problems (3)	
SOC 310	Marriage and the Family (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SOC 341	Sex and Gender in the U.S. (3)	
SOC 379	Making Social Change (3)	
SWHS 300	Introduction to Social Work & Human Services (3)	
SWHS 302	Introduction to Psychology of Human Relations (3)	
Total Units:		18

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).

Sociology (SOC) Courses

SOC 300 Introductory Sociology

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID SOCI 110

This course was formerly known as SOC 300 Introductory Sociology.

This course introduces the social and cultural bases that impact human behavior, social interaction, and life opportunities. This course will cover sociological concepts, theoretical approaches, and major fields of sociological inquiry including culture, socialization, social structures and institutions, inequalities and stratification, deviance, and social change.

SOC 301 Social Problems

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID SOCI 115

This course investigates current social problems in the United States. It examines these problems through sociological and ideological perspectives and evaluates how these perspectives influence both definitions of problems as well as proposed solutions. Topics include: racism, economic inequality, sexism and heterosexism, as well as

problems arising in the areas of education, marriage and family, crime, health and healthcare, and the environment. Particular attention is paid to the impact of media on perceptions of social problems.

SOC 310 Marriage and the Family

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Local GE L7B; Cal-GETC Area 4

C-ID: C-ID SOCI 130

This course examines the social, historical, cultural, and structural factors that impact families and influence societal definitions and expectations of the concepts of marriage and family. This course also examines the internal dynamics of families, as well as the ways in which they are shaped by the hierarchies of the larger social world. Gender roles and expectations, media impact, intimacy, violence in families, parenting, and public policies are also explored. Special emphasis will be placed on the diversity of families and family forms.

SOC 321 Race, Ethnicity and Inequality in the United States

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Cal-GETC Area 4

C-ID: C-ID SOCI 150

This course uses the sociological perspective to examine the relationship between race, ethnicity, and inequality in the U.S. and covers topics including: prejudice, discrimination, ethnocentrism, individual and institutional racism, privilege, assimilation, civil rights, and other related issues. This course includes an analysis of the social and historical contexts of major racialized and ethnic groups in the U.S. and how these contexts impact current conditions and experiences.

SOC 341 Sex and Gender in the U.S.

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L4; Local GE L7B; Cal-GETC Area 4

C-ID: C-ID SOCI 140

This course introduces gender issues from a sociological perspective and examines how gender is constructed and embodied in the U.S. It examines historical, social, economic, political, and cultural forces in shaping gender identity, gender expression, and gender roles. The course also emphasizes the intersections of gender with other identities including those relating to race, ethnicity, sexuality, income and wealth, etc. Specifically, the course examines the experience of people from diverse economic, racial, and ethnic origins within a historical and cross-cultural perspective. Finally, this course explores the role that social movements and organizations play in working for gender equality and challenging the gender binary.

SOC 379 Making Social Change

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: UC

General Education: Local GE L4; Cal-GETC Area 4

Empowerment through the development of technological skills and access to tools is and will continue to be a significant issue in social justice work and social change. In this interdisciplinary course, students will explore social change through historical and contemporary movements, organizations, and groups and the ways those entities use, create, modify, and improve tools and technologies to support and drive change. Students will research and analyze the contexts and tactics of these movements and synthesize their discoveries with hands-on experience using tools and technologies of the maker movement to develop projects designed to address social, environmental, and economic needs.

SOC 495 Independent Studies in Sociology

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

SOC 498 Work Experience in Sociology

Units: 0.5 - 4

Hours: 30 - 300 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Advisory: ENGL 110 or ESL 325

Transferable: CSU

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

SOC 499 Experimental Offering in Sociology

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Sociology (SOCI) Courses

SOCI 299 Experimental Offering in Sociology

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

SOCI 499 Experimental Offering in Sociology

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Spanish

Overview

Folsom Lake College offers the fundamental communication courses for proficiency in Spanish. Students will be able to understand the spoken language and to speak, read, and write at a proficient level.

Spanish leads as the most career-applicable foreign language in the State of California. Spanish speaker demographics remain the most stable and fastest growing.

Degrees Offered

A.A.-T. in Spanish

Division Dean: Francis Fletcher

Department Chair Label: Juan Carlos Moraga

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Associate Degree for Transfer

A.A.-T. in Spanish

The Associate in Arts in Spanish for Transfer Degree (AA-T) provides a transfer path for student success. It prepares both non-native students and heritage learners to communicate effectively in Spanish in a wide range of situations in both personal and professional settings. Students will broaden their cultural awareness and develop sensitivity to diverse Hispanic cultures within the global community. The skills obtained through this degree promote equitable learning and achievement, and will prepare a diverse population of students and transfer to a four-year college or university.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) Cal-GETC the California General Education Transfer Curriculum (Cal-

GETC) Requirement.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

All ADTs also require that students must earn a "C" or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
A minimum of 16 units from the following:		16[1]
Required Core		
SPAN 401	Elementary Spanish I (4)	
SPAN 402	Elementary Spanish II (4)	
SPAN 411	Intermediate Spanish (4)	
SPAN 412	Intermediate Spanish (4)	
A minimum of 3 units from the following:		3
List A: One course must be taken from this list.		
ANTH 310	Cultural Anthropology (3)	
ENGLT 340	World Literature I (3)	
ENGLT 341	World Literature II (3)	
ETHNS 320	Introduction to African American Studies (3)	
ETHNS 360	Introduction to Chicana/o/x Studies (3)	
FREN 401	Elementary French (4)	
FREN 402	Elementary French (4)	
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes (3)	
HIST C1001	United States History to 1877 (3)	
HIST C1002	United States History since 1865 (3)	
POLS C1000	American Government and Politics (3)	
SOC 300	Introductory Sociology (3)	
Total Units:		**19**

[1] If a student places out of any core course(s) and is not awarded units for that course, the student will need to take additional units from List A to compensate for the course/units required to reach at least 18 total units in the major.

The Associate in Arts in Spanish for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate effective skills in the four major areas of Spanish language study (reading, writing, speaking, listening comprehension) in order to perform elementary everyday communicative functions.
- demonstrate the ability to analyze and to think critically in written and oral communication in Spanish in order to effectively enter into the global economy.
- demonstrate understanding of the interrelationship between culture-specific behaviors.

Career Information

The Spanish department offers courses that serve as a basis for broad liberal education, for advanced degrees and further study in languages, English Literature, as preparation for the teaching credential, and as supplementary preparation for many professional fields. These include emergency services, the legal and medical professions, social work, business, foreign service, public relations, journalism, translation, and interpretation. Training in the Spanish language is widely considered essential preparation for teachers in Californiaâ€™s public schools.

Spanish (SPAN) Courses

SPAN 401 Elementary Spanish I

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3

C-ID: C-ID SPAN 100

This is the first semester introduction to the Spanish language. It is designed for beginning students with little or no previous exposure to the language. It is characterized by an emerging ability to understand and produce appropriate responses in high-frequency situations utilizing learned materials. Speaking will be comprehensible to a sympathetic listener. Verbal and written expression is limited to short, culturally

appropriate communication. Students will acquire knowledge of the geography, culture and people of regions where Spanish is spoken and of Spanish-speakers contributions to North American and world cultures. This course is equivalent to two years of high school Spanish

SPAN 402 Elementary Spanish II

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: SPAN 401 with a grade of "C" or better; or two years of high school Spanish.

Transferable: CSU; UC

General Education: Local GE L3

C-ID: C-ID SPAN 110

This is the second semester of elementary Spanish. It is designed for students who have completed SPAN 401 or two years of high school Spanish. It provides refinement of skills acquired in SPAN 401. Utilizing learned materials, students will gain increased accuracy and ability to understand and produce appropriate responses in high-frequency situations. Speaking and writing will be comprehensible to a sympathetic listener. Verbal and written expression will be limited to short, culturally appropriate communication on a wider range of topics than at the SPAN 401 level. Students will acquire knowledge of the geography, culture and people of regions where Spanish is spoken and of contributions to North American and other world cultures.

SPAN 411 Intermediate Spanish

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: SPAN 402 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

C-ID: C-ID SPAN 200

This is first semester Intermediate Spanish. It is designed for students who have completed SPAN 402 or three years of high school Spanish. It provides refinement of skills attained in Span 402. Students will work toward the ability to create with the language without relying on learned responses, to understand main ideas in routine speech and to understand main ideas in written texts. Listening and reading comprehension continue to develop; speaking and writing will be comprehensible to a somewhat sympathetic native speaker. Students will develop the ability to respond in an unrehearsed manner on concrete topics in known situations. Written expression will meet limited personal needs and culturally appropriate language at a higher level of accuracy than found in Span 402. The student will continue acquisition of knowledge of geography, culture and people of regions where Spanish is spoken and of Spanish-speakers' contributions to North American and world cultures.

SPAN 412 Intermediate Spanish

Units: 4

Hours: 54 hours LEC; 54 hours LAB

Prerequisite: SPAN 411 with a grade of "C" or better; or four years of high school Spanish with a "C" grade or better.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

C-ID: C-ID SPAN 210

This course will provide continued development of the Intermediate low and Intermediate Mid Level listening/speaking skills attained in SPAN 411 while helping the student work toward the Intermediate High level. The course will focus on development of written narratives and expository prose along with increased awareness of cultural concerns, norms, values, and culture-specific customs and events, with emphasis placed on culturally-authentic reading and writing through the introduction and application of basic literary analysis. The course will help to develop the student's emerging ability to handle complicated situations, to discuss topics beyond immediate personal needs (e.g., current events, media, politics, values, history, traditions, social issues and customs), and to use forms indicating past and future time frames. The student will also acquire knowledge and an appreciation of the geography, culture and people from Spanish-speaking countries and their contributions to North American and world-wide culture.

SPAN 495 Independent Studies in Spanish

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

SPAN 499 Experimental Offering in Spanish

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Student Government

Overview

Folsom Lake College's student government curriculum is designed for students interested in developing their leadership skills and participating in planning and organizing college activities. They are open to all students. Student government is a pathway to participating in the Associated Students of Folsom Lake College (ASFLC) (https://flc.losrios.edu/campus-life/clubs-and-student-leadership/associated-students-of-flc) organization representing the student body.

Students who enroll in SGVT 300 are voting members of either the ASFLC Student Senate or Club and Events Board (CAEB). They will also have the opportunity to serve on a variety of college committees and attend leadership conferences.

Division Dean: Miesha Williams

Student Life Supervisor: Tony Humphreys

Phone: (916) 608-6739

Email: humphrt@flc.losrios.edu

Student Government (SGVT) Courses

SGVT 300 Introduction to Student Government

Units: 2

Hours: 18 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU

General Education: Local GE L7B

This class provides a study of the legal, educational and philosophical basis of student government. The course may include travel to other campuses, area and state conferences, and provides the opportunity to participate on faculty and administrative committees. Topics are designed to teach leadership skills and to give practical experience in the field of student government. Access to a current copy of Robert's Rules of Order, and the Ralph Brown Act will be required.

SGVT 495 Independent Studies in Student Government

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

SGVT 499 Experimental Offering in Student Government

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Theatre Arts

Overview

Folsom Lake College's theatre arts program provides a broad foundation in various aspects of theatre including history, diversity, and production. Students have the opportunity to learn the basics of acting, theatre design and technology, and an overview of the historical and social context of theatre. Additionally, this program exposes students to core principles and practices in the field. Students gain real world experience in an on-campus performing arts facility, the Harris Center for the Arts (https://flc.losrios.edu/about-us/our-facilities/harris-center-for-the-arts).

Degrees and Certificates Offered

A.A.-T. in Theatre Arts

Theatre Arts: Technical Certificate

Division Dean: Francis Fletcher

Department Chair: Ian Wallace

Phone: (916) 608-6752

Email: fletchf@flc.losrios.edu

Associate Degree for Transfer

A.A.-T. in Theatre Arts

The Associate in Arts in Theatre Arts for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Theatre Arts at the institution they wish to transfer to because major and general education

requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program has the following completion requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) Cal-GETC the California General Education Transfer Curriculum (Cal-GETC) Requirement.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

All ADTs also require that students must earn a "C" or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.

Degree Requirements

Course Code	Course Title	Units
TA 300	Introduction to the Theatre (3)	3
or TA 302	History and Theory of the Theatre I (3)	
TA 340	Beginning Acting (3)	3
or TA 350	Theory and Techniques of Acting I (3)	
A minimum of 3 units from the following:		3
TAP 300	Modern Rehearsal and Performance I (1 - 3)	
TAP 301	Modern Rehearsal and Performance II (1 - 3)	
TAP 302	Modern Rehearsal and Performance III (1 - 3)	
TAP 303	Modern Rehearsal and Performance IV (1 - 3)	
TAP 310	Modern Technical Production I (1 - 3)	
TAP 311	Modern Technical Production II (1 - 3)	
TAP 312	Modern Technical Production III (1 - 3)	
TAP 313	Modern Technical Production IV (1 - 3)	
TAP 320	Classical Rehearsal and Performance I (1 - 3)	
TAP 321	Classical Rehearsal and Performance II (1 - 3)	
TAP 322	Classical Rehearsal and Performance III (1 - 3)	
TAP 323	Classical Rehearsal and Performance IV (1 - 3)	
TAP 330	Classical Technical Production I (1 - 3)	
TAP 331	Classical Technical Production II (1 - 3)	
TAP 332	Classical Technical Production III (1 - 3)	
TAP 333	Classical Technical Production IV (1 - 3)	
TAP 340	Musical Rehearsal and Performance I (1 - 3)	
TAP 341	Musical Rehearsal and Performance II (1 - 3)	
TAP 342	Musical Rehearsal and Performance III (1 - 3)	
TAP 343	Musical Rehearsal and Performance IV (1 - 3)	
TAP 350	Musical Technical Production I (1 - 3)	
TAP 351	Musical Technical Production II (1 - 3)	
TAP 352	Musical Technical Production III (1 - 3)	
TAP 353	Musical Technical Production IV (1 - 3)	
TAP 360	Children's Theatre Rehearsal and Performance I (1 - 3)	
TAP 361	Children's Theatre Rehearsal and Performance II (1 - 3)	
TAP 362	Children's Theatre Rehearsal and Performance III (1 - 3)	
TAP 363	Children's Theatre Rehearsal and Performance IV (1 - 3)	
TAP 370	Children's Theatre Technical Production I (1 - 3)	
TAP 371	Children's Theatre Technical Production II (1 - 3)	
TAP 372	Children's Theatre Technical Production III (1 - 3)	
TAP 373	Children's Theatre Technical Production IV (1 - 3)	
TAP 380	Repertory/Touring Rehearsal and Performance I (1 - 3)	
TAP 381	Repertory/Touring Rehearsal and Performance II (1 - 3)	
TAP 382	Repertory/Touring Rehearsal and Performance III (1 - 3)	
TAP 383	Repertory/Touring Rehearsal and Performance IV (1 - 3)	
TAP 390	Repertory and Touring Technical Production I (1 - 3)	
TAP 391	Repertory and Touring Technical Production II (1 - 3)	
TAP 392	Repertory and Touring Technical Production III (1 - 3)	
TAP 393	Repertory and Touring Technical Production IV (1 - 3)	
A minimum of 9 units from the following:		9[1]
List A: Complete 9 units from the following. (9 units)		
TA 350	Theory and Techniques of Acting I (3)	
TA 351	Theory and Techniques of Acting II (3)	
TA 420	Stagecraft (3)	
TA 422	Stage Lighting (3)	
TA 423	Introduction to Scene Design for the Stage (3)	
TA 424	Advanced Technical Theatre (3)	
TA 430	Costume Construction (3)	
TAP 300-393, a maximum of 3 units not already used toward this degree.		
Total Units:		**18**

[1]TA 350 cannot be used towards List A if already used in the core.

The Associate in Arts in Theatre Arts for Transfer (AA-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) the California General Education Transfer Curriculum (Cal-GETC) Requirement.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- evaluate the historical, artistic, social, and philosophical environments in which theatre exists.
- critique dramatic literature, production, and performance.
- employ performance, design, technical, and/or artisanal skills in community, educational, and/or professional theatres.

Career Information

People with advanced degrees in Theatre have a broad range of employment opportunities including, but not limited to, acting, design/technology for the theatre, publicity and public relations, teaching, theatre technician, stage management, and box office management.

Certificate of Achievement

Theatre Arts: Technical Certificate

The program in technical theatre prepares students for an entry-level career in technical theatre arts. Career options include roadhouse stagehand, rigger, audio engineer, scene shop technician, scenic artist, property artisan, electrician, costume technician, or stage manager.

Certificate Requirements

Course Code	Course Title	Units
TA 420	Stagecraft	3
TA 422	Stage Lighting	3
TA 424	Advanced Technical Theatre	3
TA 426	Stagehand Practices	3
A minimum of 2 units from the following:		2
TA 498	Work Experience in Theatre Arts (0.5 - 4)	
A minimum of 6 units from the following:		6
TAP 310	Modern Technical Production I (1 - 3)	
TAP 311	Modern Technical Production II (1 - 3)	
TAP 312	Modern Technical Production III (1 - 3)	
TAP 313	Modern Technical Production IV (1 - 3)	
TAP 330	Classical Technical Production I (1 - 3)	
TAP 331	Classical Technical Production II (1 - 3)	
TAP 332	Classical Technical Production III (1 - 3)	
TAP 333	Classical Technical Production IV (1 - 3)	
TAP 350	Musical Technical Production I (1 - 3)	
TAP 351	Musical Technical Production II (1 - 3)	
TAP 352	Musical Technical Production III (1 - 3)	
TAP 353	Musical Technical Production IV (1 - 3)	
TAP 370	Children's Theatre Technical Production I (1 - 3)	
TAP 371	Children's Theatre Technical Production II (1 - 3)	
TAP 372	Children's Theatre Technical Production III (1 - 3)	
TAP 373	Children's Theatre Technical Production IV (1 - 3)	
TAP 390	Repertory and Touring Technical Production I (1 - 3)	
TAP 391	Repertory and Touring Technical Production II (1 - 3)	
TAP 392	Repertory and Touring Technical Production III (1 - 3)	
TAP 393	Repertory and Touring Technical Production IV (1 - 3)	
Total Units:		**20**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- demonstrate proficiency in technical production skills.
- analyze the role of technical elements in the production process.
- analyze production requirements and develop practical and artistic solutions.
- analyze and apply information from scenic, lighting and/or costuming plans.
- identify and evaluate tools, materials and processes used in technical theatre areas.

Career Information

Students with a Technical Theatre Certificate may become stagehands, set builders, lighting and sound technicians, costume and makeup artists, properties artisans, or stage managers in the performing arts.

Theatre Arts (TA) Courses

TA 300 Introduction to the Theatre

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID THTR 111

This course focuses on the relationship of theatre to various cultures throughout history, and on the contributions of significant individual artists. This course introduces students to elements of the production process including playwriting, acting, directing, design, and criticism. Students will also survey different periods, styles and genres of theatre through play reading, discussion, films and viewing and critiquing live theatre, including required attendance of theatre productions. This course may include several class field trips to local theatres to view professional plays.

TA 302 History and Theory of the Theatre I

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 and TA 300

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

C-ID: C-ID THTR 113

This course follows the development of the theatre arts from ancient Greece through the 19th Century. The history and evolution of theatre is studied in relationship to the socio-political and cultural conditions of the time. Plays will be read that exemplify major trends and prominent artists. Students might be required to attend plays off campus.

TA 303 History and Theory of the Theatre II

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000 and TA 300

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course is a study of the theatre and drama from the 17th century to the present, with emphasis on the historical and cultural environment of the theatre. Plays will be read focusing on their relevance to history and their lasting impact upon contemporary audiences. Students might be required to attend plays off campus.

TA 304 Women in Theatre

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course is an exploration of women's contributions to the performing arts as actors, playwrights, directors, designers, and theorists. Studies will include understanding creative interpretations by women artists and will be approached from a western cultural perspective.

TA 308 Diversity in American Theatre

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This non-performance course introduces students to the history and contemporary importance of diversity in the American Theatre. This class will explore the artistic contributions and experiences of diverse groups, including Asian/Pacific Americans, Black/African Americans, Latinx Americans, Native Americans, and multi-ethnic groups. The course will also cover the socio-political events and contexts that influenced these theatrical practitioners, works, and movements. The historical references and significance of various playwrights will be deconstructed. Theatrical works studied will include themes of race/racism, oppression, class struggles, gender roles and identity, and stereotypes. Class will be taught through lectures, readings, viewing of recorded and/or live theatrical productions, writing, and discussions.

TA 340 Beginning Acting

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: TA 300

Transferable: CSU; UC

C-ID: C-ID THTR 151

This course is an introduction to stage performance. Students will practice basic acting theory through scene study. Included is a classroom investigation of performance through the use of theatre games, movement, voice, sensory awareness, and improvisation. The course is designed for students new to acting wishing to explore self-expression through performance, and for those more experienced students wishing to begin the degree sequence.

TA 350 Theory and Techniques of Acting I

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: TA 340 with a grade of "C" or better; or Instructor Consent prior to registration.

Advisory: TA 300

Transferable: CSU; UC

General Education: Local GE L3

C-ID: C-ID THTR 151; C-ID THTR 152

This course explores contemporary concepts in scene study and the creation of a character in the style of Realism for a modern play. Students stage and perform memorized scenes from the Modern Realism period in class.

TA 351 Theory and Techniques of Acting II

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: TA 350 with a grade of "C" or better

Transferable: CSU; UC

C-ID: C-ID THTR 152

This course explores more challenging concepts in scene study and the creation of a character for a modern play than those studied in TA 350. Students stage and perform memorized scenes and monologues from modern plays in class.

TA 395 Playwriting

Units: 3

Hours: 54 hours LEC

Prerequisite: Eligibility for ENGWR 300 or ENGWR 480 or ESLW 340

Advisory: TA 300

Transferable: CSU; UC

This course explores the writing, reading, performing, and critiquing of original plays for the theatre. Students will write plays and revise their work continually throughout the semester. Plays written by students will be read, performed, and discussed in class. Students will complete a full-length play by the end of the semester.

TA 420 Stagecraft

Units: 3

Hours: 36 hours LEC; 72 hours LAB

Prerequisite: None.

Advisory: Students should be able to climb a ladder and lift a minimum of 30 pounds.

Transferable: CSU; UC

C-ID: C-ID THTR 171

This course will serve as an introduction to technical theatre specifically related to stage-craft and the elements of scenic construction, construction tools, types of theatres, and theatre safety. Practical experience is gained by working on department productions. Additional costs may include attending and critiquing live theatre productions. Stagecraft work often requires moving semi-heavy objects, tools, and ladders.

TA 422 Stage Lighting

Units: 3

Hours: 36 hours LEC; 72 hours LAB

Prerequisite: None.

Advisory: TA 300 and 420; Students should be able to climb a ladder and lift a minimum of 30 pounds.

Transferable: CSU; UC

C-ID: C-ID THTR 173

This course is an introduction to the basic concepts of lighting for the stage, motion pictures, and television. Topics include the basic elements of lamps and fixtures, electricity, dimmers and control consoles. It also covers the design elements of color, distribution, and space to produce a lighting design. Practical lighting skills are gained from work on department productions. Stage lighting work often requires moving semi-heavy objects, tools, and ladders, and carrying lighting equipment up to a height of 14 feet.

TA 423 Introduction to Scene Design for the Stage

Units: 3

Hours: 36 hours LEC; 72 hours LAB

Prerequisite: None.

Transferable: CSU; UC

C-ID: C-ID THTR 172

This course will serve as an introduction to the techniques and practices of designing and painting scenery for the stage including design, color, perspective, tool use, notation, and drafting. It will consist of developing design plans, methods of visual representation of ideas, scale drawings and models (both physical and virtual), and practice in scenic painting. It will also provide an introduction to all theatrical design areas such as costumes and makeup, lights, sound and properties and how they work collaboratively with other areas of theater.

TA 424 Advanced Technical Theatre

Units: 3

Hours: 36 hours LEC; 72 hours LAB

Prerequisite: TA 420 with a grade of "C" or better

Advisory: Students should be able to climb a ladder and lift a minimum of 30 pounds.

Transferable: CSU; UC

C-ID: C-ID THTR 171

This course will explore advanced technical theatre and production techniques in the areas of scenery, properties, lighting, sound, scenic painting, rigging, and stage management. Practical experience is gained by working on productions for the Department of Theatre and Cinema Arts, Department of Music, Dance program, and/or the guest speaker series. Technical theatre often requires moving semi-heavy objects, tools, and ladders.

TA 426 Stagehand Practices

Units: 3

Hours: 36 hours LEC; 72 hours LAB

Prerequisite: TA 424 with a grade of "C" or better

Advisory: Students should be able to climb a ladder and lift a minimum of 30 pounds.

Transferable: CSU

This course will serve as an introduction to union stagehand practices. Topics include concepts of trade unionism and the function and services of the various professional unions involved in theatrical and motion picture production. The class will focus on developing basic skills of professional stagehand work and on trade safety. Practical experience is gained by working on department productions. Stagehand work often requires moving semi-heavy objects, tools, and ladders, and carrying scenic elements or lighting instruments up to a height.

TA 430 Costume Construction

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

C-ID: C-ID THTR 174

This course explores the basic areas of costume construction. Topics include fabrics, color, patterns, sewing techniques, costume pieces, and accessories. Period styles, costume analysis, and basic design are also covered. It offers experience in constructing costumes for theatrical productions. Students will be required to purchase a pair of 9-inch fabric scissors.

TA 495 Independent Studies in Theatre Arts

Units: 1 - 3

Hours: 54 - 162 hours LAB

Prerequisite: None.

Transferable: CSU

TA 498 Work Experience in Theatre Arts

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

TA 499 Experimental Offering in Theatre Arts

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

This is the experimental courses description.

Theatre Arts Film (TAFILM) Courses

TAFILM 299 Experimental Offering in Theatre Arts Film

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

TAFILM 300 Introduction to Film

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course explores the artistic, business, and social elements of modern cinema. It examines components of movie making, such as acting, directing, cinematography, writing and editing. Film making techniques are analyzed, along with the impact of motion pictures and the movie business. Not open to students who have completed TA 310.

TAFILM 303 History of Film: 1880's through 1950's

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course is a historical and critical survey of motion pictures as an art form. It emphasizes the evolution of artistic and technical facets of production in features, documentaries, and experimental films, focusing on movies from the 1880s through 1950s.

TAFILM 304 History of Film: 1950's to Present

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course is a historical and critical survey of motion pictures as an art form. It emphasizes the evolution of artistic and technical facets of production in features, documentaries, and experimental films, focusing on movies from the 1950s to present.

TAFILM 307 Diversity in American Film

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3B

This course is an introduction to diversity in American film with a focus on African American, Asian American, Latin American, Native American, LGBTQ+, and women and their contributions to the art of cinema. Issues of stereotypes, cultural narratives, and differences of class, gender, ethnicity, and identity will be explored.

TAFILM 320 Cinema Genres

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGWR 110 with grade of "C" or better.

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This course is designed to explore in depth one or more film genres. Special attention is paid to development, aesthetics, popularity, and artists of the specific form.

TAFILM 330 Film Making

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: TAFILM 300 with a grade of "C" or better

Transferable: CSU; UC

This course covers contemporary methods of motion picture production, including low-budget cinema, with a concentration on the aesthetics of motion pictures. Stressed are techniques of direction, lighting, photography, editing, and other aspects of the motion picture theatre arts. This course provides an introduction to the basic theory, terminology, and practice of motion picture production as applied in feature films, and films made for television and internet through developed skill sets, and teamwork in pre production,production, and post-production processes. Equipment and supplies for individual projects must be furnished by each student. Supplies and equipment are furnished for students working on group projects.

TAFILM 360 Screenwriting

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: TAFILM 300

Transferable: CSU; UC

This is a basic introductory course in narrative script writing for film and episodic television. There will be an emphasis on basic screenplay structure, characters, conflict, theme, and technical script formatting in the development of a short screenplay. Students will view and analyze motion pictures, participate in exercises and workshops, and plot a feature-length professionally formatted screenplay.

TAFILM 365 Acting for the Camera

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

This is an introductory course in the theories and techniques of acting for the camera. This course compares the differences between acting on the stage and acting for the camera. Scenes and commercials will be rehearsed, performed, and critiqued. This course is not open to students who have completed TA 356.

TAFILM 480 Honors Introduction to Film

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Advisory: ENGL C1000, ENGL C1000H, or ESLW 340 with a grade of "C" or better

Transferable: CSU; UC

General Education: Local GE L3; Cal-GETC Area 3A

This honors course offers a rigorous study of the artistic, historic, and cultural elements of modern cinema, emphasizing critical analysis of film as an art form and product of society, beyond that offered in TAFILM 300. It examines components of movie making, such as acting, directing, cinematography, writing and editing. Film making techniques are analyzed, along with the impact and influences of motion pictures and the movie business. This advanced level course will involve an increased depth of study. Thus, examinations and papers will be graded rigorously. Students will also be required to complete at least two term papers in which they research and critically analyze films, using MLA citation methods. Honors students will also read extensive analytic essays, and complete rigorous projects and oral presentations. Students may only receive credit for TAFILM 300 or TAFILM 480, not both. This course is not open to students who have successfully completed TAFILM 300.

TAFILM 499 Experimental Offering in Theatre Arts Film

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Theatre Arts Performance (TAP) Courses

TAP 300 Modern Rehearsal and Performance I

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Modern Theatre Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the first level of four courses in the rehearsal and performance of modern theatre. It provides workshop training for students performing in their first modern theatre production. Students audition or interview with the director for participation in a modern drama or comedy. Field trips may be required.

TAP 301 Modern Rehearsal and Performance II

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Modern Theatre Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the second level of four courses in the rehearsal and performance of modern theatre. It provides workshop training for students performing in their second modern theatre production. Students audition or interview with the director for participation in a modern drama or comedy. Field trips may be required.

TAP 302 Modern Rehearsal and Performance III

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Modern Theatre Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the third level of four courses in the rehearsal and performance of modern theatre. It provides workshop training for students performing in their second modern theatre production. Students audition or interview with the director for participation in a modern drama or comedy. Field trips may be required.

TAP 303 Modern Rehearsal and Performance IV

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Modern Theatre Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the fourth level of four courses in the rehearsal and performance of modern theatre. It provides workshop training for students performing in their fourth modern theatre production. Students audition or interview with the director for participation in a modern drama or comedy. Field trips may be required.

TAP 310 Modern Technical Production I

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Modern Theatre Technical Production

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the first level of four courses which provides a workshop training experience for students working in their first position on the production crew of a modern theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 311 Modern Technical Production II

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Modern Theatre Technical Production

Prerequisite: TAP 310 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the second level of four courses which provides a workshop training experience for students working in their second position on the production crew of a modern theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 312 Modern Technical Production III

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Modern Theatre Technical Production

Prerequisite: TAP 311 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the third level of four courses which provides a workshop training experience for students working in their third position on the production crew of a modern theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 313 Modern Technical Production IV

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Modern Theatre Technical Production

Prerequisite: TAP 312 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the fourth level of four courses which provides a workshop training experience for students working in their fourth position on the production crew of a modern theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 320 Classical Rehearsal and Performance I

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Classical Theatre and Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the first level of four courses in the rehearsal and performance of a classical theatre production. It provides workshop training for students performing in their first classical theatre production. Students audition or interview with the director for participation in a classical drama or comedy. Field trips may be required.

TAP 321 Classical Rehearsal and Performance II

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Classical Theatre and Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the second level of four courses in the rehearsal and performance of a classical theatre production. It provides workshop training for students performing in their second classical theatre production. Students audition or interview with the director for participation in a classical drama or comedy. Field trips may be required.

TAP 322 Classical Rehearsal and Performance III

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Classical Theatre and Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the third level of four courses in the rehearsal and performance of a classical theatre production. It provides workshop training for students performing in their third classical theatre production. Students audition or interview with the director for participation in a classical drama or comedy. Field trips may be required.

TAP 323 Classical Rehearsal and Performance IV

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Classical Theatre and Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the fourth level of four courses in the rehearsal and performance of a classical theatre production. It provides workshop training for students performing in their fourth classical theatre production. Students audition or interview with the director for participation in a classical drama or comedy. Field trips may be required.

TAP 330 Classical Technical Production I

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Classical Theatre Technical Production

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the first level of four courses which provides a workshop training experience for students working in their first position on the production crew of a classical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying

production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 331 Classical Technical Production II

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Classical Theatre Technical Production

Prerequisite: TAP 330 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the second level of four courses which provides a workshop training experience for students working in their second position on the production crew of a classical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 332 Classical Technical Production III

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Classical Theatre Technical Production

Prerequisite: TAP 331 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the third level of four courses which provides a workshop training experience for students working in their third position on the production crew of a classical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 333 Classical Technical Production IV

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Classical Theatre Technical Production

Prerequisite: TAP 332 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the third fourth of four courses which provides a workshop training experience for students working in their fourth position on the production crew of a classical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 340 Musical Rehearsal and Performance I

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Musical Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the first level of four courses in the rehearsal and performance of a musical theatre production. It provides workshop training for students performing in their first musical theatre production. Students audition with the director for acting, singing or dancing roles in a comedy or drama.

TAP 341 Musical Rehearsal and Performance II

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Musical Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the second level of four courses in the rehearsal and performance of a musical theatre production. It provides workshop training for students performing in their second musical theatre production. Students audition with the director for acting, singing or dancing roles in a comedy or drama.

TAP 342 Musical Rehearsal and Performance III

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Musical Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the third level of four courses in the rehearsal and performance of a musical theatre production. It provides workshop training for students performing in their third musical theatre production. Students audition with the director for acting, singing or dancing roles in a comedy or drama.

TAP 343 Musical Rehearsal and Performance IV

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Musical Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the fourth level of four courses in the rehearsal and performance of a musical theatre production. It provides workshop training for students performing in their fourth musical theatre production. Students audition with the director for acting, singing or dancing roles in a comedy or drama.

TAP 350 Musical Technical Production I

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Musical Technical Production

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the first level of four courses which provides a workshop training experience for students working in their first position on the production crew of a musical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 351 Musical Technical Production II

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Musical Technical Production

Prerequisite: TAP 350 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the second of four courses which provides a workshop training experience for students working in their second position on the production crew of a musical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying

production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 352 Musical Technical Production III

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Musical Technical Production

Prerequisite: TAP 351 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the third of four courses which provides a workshop training experience for students working in their third position on the production crew of a musical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 353 Musical Technical Production IV

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Musical Technical Production

Prerequisite: TAP 352 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the fourth of four courses which provides a workshop training experience for students working in their fourth position on the production crew of a musical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 360 Children's Theatre Rehearsal and Performance I

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Children's Theatre Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the first level of four courses in the rehearsal and performance of a children's theatre production. It provides workshop training for students performing in their first children's theatre production. Students audition or interview with the director for participation in a children's theatre production. Field trips may be required.

TAP 361 Children's Theatre Rehearsal and Performance II

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Children's Theatre Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the second level of four courses in the rehearsal and performance of a children's theatre production. It provides workshop training for students performing in their second children's theatre production. Students audition or interview with the director for participation in a children's theatre production. Field trips may be required.

TAP 362 Children's Theatre Rehearsal and Performance III

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Children's Theatre Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the third level of four courses in the rehearsal and performance of a children's theatre production. It provides workshop training for students performing in their third children's theatre production. Students audition or interview with the director for participation in a children's theatre production. Field trips may be required.

TAP 363 Children's Theatre Rehearsal and Performance IV

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Children's Theatre Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the fourth level of four courses in the rehearsal and performance of a children's theatre production. It provides workshop training for students performing in their fourth children's theatre production. Students audition or interview with the director for participation in a children's theatre production. Field trips may be required.

TAP 370 Children's Theatre Technical Production I

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Children's Theatre Technical Production

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the first of four courses that provides a workshop training experience for students working in their first position on the production crew of a children's theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 371 Children's Theatre Technical Production II

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Children's Theatre Technical Production

Prerequisite: TAP 370 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the second of four courses that provides a workshop training experience for students working in their second position on the production crew of a children's theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 372 Children's Theatre Technical Production III

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Children's Theatre Technical Production

Prerequisite: TAP 371 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the third of four courses that provides a workshop training experience for students working in their third position on the production crew of a Children's theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 373 Children's Theatre Technical Production IV

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Children's Theatre Technical Production

Prerequisite: TAP 372 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the fourth of four courses that provides a workshop training experience for students working in their fourth position on the production crew of a children's theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 380 Repertory/Touring Rehearsal and Performance I

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Repertory/Touring Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the first level of four courses in the rehearsal and performance of repertory and/or touring theatre. It provides workshop training for students performing in their first repertory and/or touring theatre production. Students audition or interview with the director for participation in a modern drama or comedy. Field trips may be required.

TAP 381 Repertory/Touring Rehearsal and Performance II

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Repertory/Touring Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the second level of four courses in the rehearsal and performance of repertory and/or touring theatre. It provides workshop training for students performing in their second repertory and/or touring theatre production. Students audition or interview with the director for participation in a modern drama or comedy. Field trips may be required.

TAP 382 Repertory/Touring Rehearsal and Performance III

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Repertory/Touring Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the third level of four courses in the rehearsal and performance of repertory and/or touring theatre. It provides workshop training for students performing in their third repertory and/or touring theatre production. Students audition or interview with the director for participation in a repertory and/or touring drama or comedy. Field trips may be required.

TAP 383 Repertory/Touring Rehearsal and Performance IV

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Repertory/Touring Performance

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Transferable: CSU; UC

C-ID: C-ID THTR 191

This course is the fourth level of four courses in the rehearsal and performance of repertory and/or touring theatre. It provides workshop training for students performing in their fourth repertory and/or touring theatre production. Students audition or interview with the director for participation in a repertory and/or touring drama or comedy. Field trips may be required.

TAP 390 Repertory and Touring Technical Production I

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Repertory/Touring Technical Production

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the first of four courses that provides a workshop training experience for students working in their first position on the production crew of a repertory and touring production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 391 Repertory and Touring Technical Production II

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Repertory/Touring Technical Production

Prerequisite: TAP 390 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the second of four courses that provides a workshop training experience for students working in their second position on the production crew of a repertory and touring production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 392 Repertory and Touring Technical Production III

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Repertory/Touring Technical Production

Prerequisite: TAP 391 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the third of four courses that provides a workshop training experience for students working in their third position on the production crew of a Repertory and Touring production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 393 Repertory and Touring Technical Production IV

Units: 1 - 3

Hours: 54 - 162 hours LAB

Course Family: Repertory/Touring Technical Production

Prerequisite: TAP 392 with a grade of "C" or better

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Transferable: CSU; UC

C-ID: C-ID THTR 192

This course is the fourth of four courses that provides a workshop training experience for students working in their fourth position on the production crew of a repertory and touring production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 499 Experimental Offering in Theatre Arts Performance

Units: 0.5 - 4

Prerequisite: None.

Transferable: CSU

The course description will be written when an actual instance of the course is created.

Viticulture

Overview

The viticulture program is designed to train and develop students who can either work in an existing vineyard/winery business or transfer to a four-year degree program in viticulture, enology, or a related field.

Degrees and Certificates Offered

A.S. in Viticulture and Enology

Small Winery Marketing Certificate

Division Dean: Dr. Lorena Navarro

Department Chair: Dr. Ami Rose

Phone: (916) 608-6615

Email: navarrl@flc.losrios.edu

Associate Degree

A.S. in Viticulture and Enology

This program will provide foundational knowledge and skills for the next generation of wine-grape growers and wine producers in the Sierra Nevada foothills region of northern California. The program offers introductory training appropriate for local and regional wine-related employment opportunities and for further training at 4-year programs in viticulture and enology. Students will gain fundamental skills that will help prepare them to maintain and manage a wine grape vineyard, the wine production process, and an introduction to business methods used to promote and market grapes and/or wine.

Degree Requirements

Course Code	Course Title	Units
CHEM 339	Introduction to Fermentation Chemistry	4
VITI 300	Viticulture and Enology	3
VITI 301	Viticulture Practices from Bud Break to Harvest	3
VITI 303	Viticulture Practices from Harvest through Dormancy	3
VITI 304	Wine Component Tasting, Hospitality and Service, and Food Pairing	3
VITI 308	Fruit to Wine - Enology	3
A minimum of 9 units from the following:		9
CHEM 305	Introduction to Chemistry (5)	
or CHEM 400	General Chemistry I (5)	
BIOL 310	General Biology (4)	
or BIOL 400	Principles of Biology (5)	
A minimum of 1.5 units from the following:		1.5
VITI 305	Wines of the World (1.5)	
VITI 306	Wines of California (1.5)	
VITI 307	Wines of the Sierra Foothills (1.5)	
A minimum of 6 units from the following:		6
BUS 300	Introduction to Business (3)	
BUS 350	Small Business Management/Entrepreneurship (3)	

Course Code	Course Title	Units
SPAN 401	Elementary Spanish I (4)	
Total Units:		**35.5**

The Viticulture and Enology Associate in Science (A.S.) degree may be obtained by completion of the required program, and either (a) the Local General Education Pattern or (b) the California General Education Transfer Curriculum (Cal-GETC), plus sufficient electives for a total of at least 60 units. See FLC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- assist in the management of a wine grape vineyard including maintenance of vineyard rows, implementation of integrated pest management plan, and evaluation of grapes for wine production.
- assist in the production and marketing of the vineyard grapes and/or a winery's wines.
- analyze and appraise wine for its faults and desirable qualities.
- assist in maintaining a winery's tasting room with hospitality services and wine and food pairings.

Career Information

Technical jobs as assistant vineyard manager, assistant winemaker, cellar worker, and laboratory technician. Non-technical jobs as event manager, logistics coordinator, sales representative, and tasting room associate.

Certificate

Small Winery Marketing Certificate

The program offers comprehensive marketing and management training and workforce development to wine growers, vintners and tasting room operators in the El Dorado and Amador wine areas.

Certificate Requirements

Course Code	Course Title	Units
BUSTEC 332	Advanced Business Applications	3
MKT 300	Principles of Marketing	3
VITI 304	Wine Component Tasting, Hospitality and Service, and Food Pairing	3
VITI 306	Wines of California (1.5)	1.5
VITI 307	Wines of the Sierra Foothills	1.5
A minimum of 2 units from the following:		2
WEXP 498	Work Experience in (Subject) (0.5 - 4)	
BUSTEC 362	Comprehensive Electronic Spreadsheets	2
Total Units:		**16**

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- record, classify, summarize and report the business transactions of an organization.
- develop a comprehensive winery marketing plan.
- evaluate the benefits of using a variety of marketing tools including advertising, publicity, social media marketing and customer relationship marketing.
- identify marketing techniques used to create high velocity sales including online tools, social marketing and customer relationship marketing tools.

Career Information

Winery tasting room coordinator Winery social marketing associate Winery event coordinator Winery customer relationship specialist

Viticulture (VITI) Courses

VITI 300 Viticulture and Enology

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Transferable: CSU; UC

The course is an introduction to viticulture and enology practices and will explore the history, principles, and practices of wine grape production and an introduction to enology. Additional topics will cover the history of wine grapes, the current status of wine grape industry, and the classification of wine grapes. The basic principles of vineyard establishment and management will be covered as well as the basic principles of enology. Field trips may be required. A lab/field notebook may be required.

VITI 301 Viticulture Practices from Bud Break to Harvest

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: VITI 300

Transferable: CSU

This course will cover viticulture practices for the spring and summer growing seasons, from bud-break to harvest. The course will focus on canopy management and wine grape harvest. Canopy management topics will include trellising, suckering, crop estimation, leaf and cluster thinning, petiole analysis, fertilizer application, pest control, and irrigation practices. Wine grape harvest will include quality control measures including measuring Brix, pH and total acidity of grapes samples. This course is a continuation of VITI 300, Viticulture and Enology. Field trips may be required.

VITI 303 Viticulture Practices from Harvest through Dormancy

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Advisory: VITI 300

Transferable: CSU

This course will cover viticulture and enology practices from post-harvest in the fall to bud break in the spring. The course will cover winter pre-pruning, pruning relative to bud break, vineyard management during dormancy, grapevine diseases and post-harvest practices for irrigation, fertilization, erosion control, cover crops and vineyard winterization. Planting of vines as well as grafting of new varietals to an existing rootstock will be covered. Field trips may be required. A field notebook may be required.

VITI 304 Wine Component Tasting, Hospitality and Service, and Food Pairing

Units: 3

Hours: 54 hours LEC

Prerequisite: None.

Enrollment Limitation: Students must be 21 years of age or older.

Transferable: CSU

This course covers organoleptic wine evaluation, how to pair foods to wine, and wine service hospitality. The course covers organoleptic tasting techniques of wine including varietal characteristics, wine styles, and identification of wine flaws. The course is designed for wine industry personnel and wine enthusiasts. A materials fee of $50.00 is required and payable upon registration.

VITI 305 Wines of the World

Units: 1.5

Hours: 27 hours LEC

Prerequisite: None.

Enrollment Limitation: Students must be 21 years of age or older.

Transferable: CSU

The course examines some of the most popular wine varietals of the world compared and contrasted to their California counterparts. Each week we will examine a different grape or related group of grapes and their expression in wine, e.g., California Cabernet Sauvignon, to a similar Chilean varietal, or French Bordeaux. A materials fee of $75 is required and payable upon registration. A field trip may be required.

VITI 306 Wines of California

Units: 1.5

Hours: 27 hours LEC

Prerequisite: None.

Enrollment Limitation: Students must be 21 years of age or older.

Transferable: CSU

This course examines some of the wine varietals grown and produced in California. Each week the course will examine a different grape or related group of grapes and their expression in different regions or appellations of California. A materials fee of $50.00 is required and payable upon registration. Field trips may be required.

VITI 307 Wines of the Sierra Foothills

Units: 1.5

Hours: 27 hours LEC

Prerequisite: None.

Enrollment Limitation: Students must be 21 years of age or older.

Transferable: CSU

This course introduces some of the wine varietals grown and produced in California's Sierra Foothills appellation. Each week the course will examine the expression in wine of different varietals of grape, related

group of grapes, or a particular vintners varietals of wines produced in the Sierra Foothills. A materials fee of $50.00 is required and payable upon registration. Field trips may be required.

VITI 308 Fruit to Wine - Enology

Units: 3

Hours: 36 hours LEC; 54 hours LAB

Prerequisite: None.

Enrollment Limitation: Must be 21 years of age.

Transferable: CSU; UC

This course is an introduction to the science of wine production from grapes and other fruits to the bottle. Topics covered include the history of wine production; grape varieties and wine types; influence of climate and soil; wine fermentation including assessment of wine qualities, handling, racking, aging, bottling, wine disorders and remedies; and legal compliance. The production of fruit wines may also be covered. Some labs involve local field trips. A lab fee will be assessed to cover the costs of grapes and bottling. Students will have the opportunity to take wine home with them made during the semester.

VITI 498 Work Experience in Viticulture

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to career interests.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within the field of Viticulture. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

VITI 499 Experimental Offering in Viticulture

Units: 0.5 - 4

Prerequisite: None.

This is the experimental courses description.

Work Experience

Overview

Folsom Lake College's work experience program is a unique, experiential academic program that allows individuals to apply what they've learned in the classroom to a work environment. Upon completion of their work experience, students may earn 1-4 units of transferable credit with a letter grade. This program serves: college interns, volunteers, and employees. It also meets one of the living skills graduation requirement for an associate degree.

Division Dean: John Skellenger

Department Chair: Julie Collier

Phone: (916) 608-6927

Email: skellej@flc.losrios.edu

Work Experience (WEXP) Courses

WEXP 198 Work Experience - General

Units: 0.5 - 3

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

WEXP 498 Work Experience in (Subject)

Units: 0.5 - 4

Hours: 27 - 216 hours LAB

Prerequisite: None.

Enrollment Limitation: Students must have a paid or unpaid internship, volunteer position, or job that aligns with their career goals, and a cooperating worksite supervisor who will sign all required course documents. Before students can participate in the Work Experience program, Los Rios Community College District must have a signed Employer Agreement on file. If the employer already has an active agreement with the district (viewable at losrios.edu/wexpemployeragreement), no further action is required. Dual enrollment students are not permitted to enroll in Work Experience courses.

Transferable: CSU

General Education: Local GE L7B

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing career readiness skills and workplace competencies. During the semester, the student is required to attend orientation. Students must complete 27 hours of related paid or unpaid work experience for .5 unit. An additional 27 hours of related work experience is required for each additional .5 unit. This course may be taken for a maximum of 16 units. Federal regulations allow students to receive financial aid for a total of two times when repeating the same course that was previously passed.Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

Administrators, Faculty, and Staff

College Administrators

Note: *Year in parentheses refers to date of full-time hiring with Los Rios Community College District.*

President

Pimentel, Art (2014)
President
BS, MA, CSU Sacramento; EdD, UC Davis

Vice Presidents

Baumgartner Lee, Kaitlyn (2024)
Vice President, Student Services
BA, MA, Sonoma State University; EdD, UC Davis

McCormac, Greg (2000)
Vice President, Instruction
BS, UC Irvine; MS, CSU Sacramento

McKechnie, Dan (2007)
Vice President, Administration
BS, CSU Sacramento; MBA, University of Phoenix

Deans

Brazil-Cruz, Lisceth (2023)
Dean of Equity and Institutional Effectiveness
BA, BA, PhD, UC Davis; MA, San Jose State University

Fletcher, Francis (2001)
Dean of Instruction, Visual and Performing Arts, Language and Literature, Library, and Learning Skills
BA, MA, CSU Sacramento

Garcia, William (2008)
Dean of Instruction, Kinesiology, Health, Athletics, and Nutrition; Athletic Director
BS, CSU Sacramento; MS, Indiana University

Giordano, Rose (2015)
Interim Dean of Social and Behavioral Sciences and Humanities, El Dorado Center, and Rancho Cordova Center
BS, MCP Hahnemann University; PhD, UC Davis

Lopez, Carlos (2002)
Dean of Business, Curriculum and Scheduling
BA, MA, UC Davis

Melo, Aselia (2022)
Dean of Student Success
BS, CSU Sacramento; MA, University of San Francisco

Navarro, Lorena (2025)
Dean of Instruction, Math, Science, and Engineering
BS, UC Davis; PhD, UC San Diego

Robinson, Brian (2000)
Interim Dean of Prison & Reentry Education Program (PREP)
BA, MA, CSU Sacramento

Skellenger, John (2025)
Dean of Instruction, Career Education
BA, Brandman University; MA, University of Massachusetts Global

Williams, Miesha (2025)
Dean of Student Services
BA, MA, National University

Supervisors, Managers, and Directors

Foster Bollman, Christy (2026)
Director of Radiologic Technology
BS, Loma Linda University; MAS, UC San Diego

Burke, Talina (2016)
College Operations Supervisor
AS, AA, Folsom Lake College; BS, CSU Sacramento

Cohen, Colleen (2019)
Educational Center Supervisor, El Dorado Center
AA, Folsom Lake College; BA, CSU Sacramento

Douglas, Rachel (2024)
Instructional Science Laboratory Supervisor
BS, University of Alaska, Anchorage

Eitzman, Mariann (2023)
Regional Director of Philanthropy (Folsom Lake College/the Harris Center for the Arts)
BS, University of Oregon

Estomo, Sharisse (2016)
Director, Native American Student Support & Success Program (NASSSP)
MS, Southeastern Oklahoma State University

Foon, Lana (1998)
Financial Aid Supervisor
BVE, CSU Sacramento

Hart, Kristy (2005)
Communications & Public Information Officer
BA, CSU Sacramento

Hemmenway, Tracy (2001)
Admissions and Records Supervisor
BA, University of South Carolina Upstate

Hernandez, Mayra (2024)
Director, MESA (Mathematics, Engineering, Science Achievement)
BA, CSU Chico; MA, San Diego State University

Humphreys, Tony (2019)
Student Life Supervisor
BA, CSU Sacramento

DiBella Ireland, Lexie (2025)
SOAR Supervisor
BA, UC Davis; MA, University of Westminster

Langford, Janiene (2024)
Director of Educational Options
AA, Lake Tahoe Community College; BS, UC Berkeley; MA, UC Santa Barbara; MPA, CSU East Bay

Lewis, Jeff (1996)
College IT Systems Supervisor
AA, Cosumnes River College; BA, CSU Sacramento

Margadonna, BreAnna (2023)
Counseling Supervisor
BA, CSU Chico; MA, CSU Sacramento

Northern, Tiffany (2026)
Student Support Supervisor, Equity Center
AA, AS, Sacramento City College; BA, MS, CSU Sacramento

Perez, Angelica (2023)
Director VII - Special Populations
MA, CSU Chico

Quintell, Melonie (2016)
Student Support Supervisor, Center for Excellence
BS, University of San Francisco; MA, San Jose State University

Randazzo, John (2025)
Police Captain

Studzinski, Natalie (2024)
Mental Health Clinician Supervisor
BS, UC Santa Barbara; MA, Notre Dame de Namur University

Thiessen, Levi (2014)
Custodial & Receiving Services Supervisor
BS, Cal Poly

Williams, Melissa (2016)
Director of Administrative Services
BA, UC Riverside; MBA, Drexel University

Zabegalin-Costa, Tatyana (2000)
Business Services Supervisor
AS, AA, American River College; BS, MS, Saint-Petersburg University, Russia

Faculty and Staff

Note: *Year in parentheses refers to date of full-time hiring with Los Rios Community College District.*

Abella, Sarah (2026)
Athletic Trainer, Athletics
BA, Azusa Pacific University; BA, CSU Fresno; MA, Hawai'i Pacific University

Abraham, Linda (2005)
Professor, Biology
BS, University of Natal, South Africa; MSc, University of Witwatersrand, South Africa; PhD, University of British Columbia, Canada

Aldea, Sarah (2003)
Student Support Specialist, Student Services, Outreach
AA, Cosumnes River College; BA, CSU Sacramento; MA, University of San Francisco

Alejo, Alicia (2026)
Student Support Specialist, Student Services, Undocu-falcons
AA, San Diego Community College; BA, San Francisco State University; BA, ISRP University France; M1, University Paris

Alekyan, Jonathan (2025)
IT Specialist III, Audio/Video Media Support, Media Services
BS, William Jessup University

Aldrich, Christina (2008)
Professor, Psychology
AA, Fresno City College; BA, CSU Fresno; MA, PhD, Claremont Graduate University

Al Juboori, Suha (2016)
Professor, Computer Information Science
BS, MS, PhD, University of Al-Nahrain, Iraq

Anderson, Brittney (2016)
Student Support Specialist, Success Coach - General Education and General Transfer, Soar to Success
BS, UC Davis; MS, CSU Sacramento

Anderson, Jae (2001)
Administrative Assistant III, Administrative Services
AA, Folsom Lake College; BA, Brandman University; MLS, Arizona State University

Angove, Philip (2009)
Professor, Music
BM, MM, CSU Sacramento

Alejo, Alicia (2026)
Student Support Specialist, Undocu-Falcon Center
BA, San Francisco State University; BA, University Paris ISRP; MA, Paris 8 University

Armbrust, Kim (2019)
Professor, Mathematics
BS, Azusa Pacific University; MS, San Diego State University

Austin, April (2026)
Librarian
AA, Antelope Valley College; BA, UC Berkeley; MLIS, San José State University

Ayala, Rebeca (2025)
Administrative Assistant, Student Services
BA, UC Davis

Bachinsky, Serge (2016)
Information Technology Specialist II, Microcomputer Support, IT Services

Balmaceda Gonzalez, Hugo (2024)
Assistant Professor, Ethnic Studies
AA, Sierra College; BA, MA, CSU Sacramento

Batchelder, Julie (2018)
Administrative Assistant I, Prison & Reentry Education Program (PREP) and Scheduling & Curriculum
AA, Folsom Lake College

Battershell, Matthew (2006)
Digital Communications and Web Specialist, Marketing & Communications
BS, CSU Sacramento

Beck, Danielle (2017)
Professor, Psychology
BA, Pacific Lutheran University; PhD, University of Washington

Benford, William (2017)
Professor, Kinesiology, Health, & Athletics; Head Men's Basketball Coach
BA, University of Phoenix; MA, Fresno Pacific University

Bernabe, Ramon (2016)
Custodian, Custodial Services

Bhattal, Damanpreet (2026)
Student Support Specialist, DSPS
AA Sierra College; BA, MA, UC Berkeley

Black, Jennifer (2018)
Professor, Accounting
BA, UCLA; MPA, University of Texas at Austin

Bradshaw, Jill (2014)
Professor, Social Work/Human Services; Faculty Research Coordinator
BA, Brigham Young University; MSW, University of Washington; PhD, University of Connecticut

Brinkley, Amy (2015)
Technical Services Librarian, Library
BA, CSU Sacramento; MLIS, San Jose State

Brown, Krisi (2015)
Professor, English
BA, MA, CSU Sacramento

Burnham, Cheryl (2022)
Library Technician, Library
BA, CSU San Bernardino; MLIS, San Jose State University

Calise, Susan (2015)
Accountant, Business Services
AA, American River College

Cardona, Evelyn (2025)
Evaluator II, Admissions & Records
BA, Fresno Pacific University

Cardwell, Paula (2007)
Professor, Communication Studies
BA, MA, CSU Fresno

Carlson, Diane (2009)
Professor, Sociology
BA, JD, University of Arizona; MA, UC Davis; EdD, CSU Sacramento

Chadwick, Sera (2016)
Account Clerk III, Business Services
AA, Sacramento City College

Chale, Jeffery (2017)
Kinesiology/Athletic Attendant, Kinesiology, Health, Athletics, & Nutrition

Charles-Bonner, Susie (2021)
Professor, Accounting
BS, MBA, Roosevelt University

Chavez Nielsen, Ruth (2024)
Assistant Counselor, Prison and Reentry Education Program, Counseling Services (PREP)
AA, Sierra College; BA, MS, CSU Sacramento

Cheshire, Tamara (2018)
Professor, Ethnic Studies
BS, MA, Oregon State University; EdD, CSU Sacramento

Chiang, Michelle (2001)
Professor, Mathematics
BA, UC Berkeley; MAT, UC Davis

Chochezi, Victoire (2017)
Professor, Communication Studies
BA, Delaware State University; MA, CSU Sacramento; EdD, Drexel University

Clark, Christopher S. (2005)
Counselor, Counseling Services; Professor, Human/Career Development
AA, West Valley College; BA, MS, San Francisco State

Clayton, Keith (2015)
Professor, Mathematics
BA, UC Berkeley: MS, University of Nevada, Reno

Collier, Julie (2012)
Coordinator, Work Experience & Internship Program
BIS, Weber State University; MS, CSU Sacramento

Conant, Ron (2006)
Custodian, Custodial Services

Conley, Nino (2019)
Professor, Communication Studies
AA, American River College; BA, MA, CSU Sacramento

Considine, Daniel (2014)
Professor, Philosophy
BA, UC Berkeley; MA, CSU Long Beach; PhD, University of Southern California

Cook, Libby (2016)
EOPS/CARE/NextUP Coordinator, Center for Excellence
BA, MS, CSU Sacramento

Coykendall, Michelle (2000)
Media Systems/Resource Technician II, Media Services
AA, Cosumnes River College; AA, Folsom Lake College

Crandell, Jane (2014)
Public Relations Technician, Marketing & Communications
BA, University of Reno-Nevada

Croff, Jeanne (2006)
Administrative Assistant I, Kinesiology, Health, Athletics, and Nutrition
BS, CSU San Luis Obispo

Cunningham, Chris (2008)
Maintenance Technician I, Maintenance Services

Curran, Tim (2000)
Professor, Mathematics
BS, Northern Arizona University; MA, CSU San Bernardino

Danner, Lisa (2005)
Professor, English
AA, Los Angeles Pierce College; BA, CSU Northridge; MA, UC Davis

delos Reyes, Patricia (2024)
Laboratory Technician, Chemistry
BS, University of the Philippines

Deville, Rebecca (2008)
Professor, Humanities
BA, UC Berkeley; MA, San Francisco State; MA, UC Davis

Di Cosmo, Andreana (2026)
Assistant Professor, Economics
BS, MA, CSU Sacramento

Dowell, Zachary (2001)
Instructional Design & Development Coordinator, Innovation Center Makerspace
BA, MA, CSU Los Angeles; PhD, CSU Sacramento

Dubinets, Nikolay (2005)
Senior IT Specialist, IT Services

Dunn Hall, Tamara (2025)
Assistant Professor, Nutrition
BS, PhD, UC Davis

Eckman, Spencer (2008)
Professor, English as a Second Language
BA, MA, CSU Stanislaus

Eisenstadt, Michael (2025)
Assistant Professor, Communication
BA, MA, University of Nevada, Las Vegas; PhD, University of Kansas

Eitel, Joseph E. (1997)
Professor, Mathematics
BS, Cal Poly, San Luis Obispo; MA, CSU Fresno; MA, Fresno Pacific University

Eiteneer, Daria (2016)
Professor, Astronomy and Physics
BS, MS, PhD, UC Davis

El-Ayoubi, Kyle (2019)
IT Systems/Database Administrator Analyst II, IT Services
AS, Cerritos College; BA, Southern New Hampshire University

Ellerman, C. Howell (1997)
Professor, Business and Real Estate
AB, Occidental College; JD, Loyola Law School; IEM Certificate, Harvard University

Ellis, Addie (2025)
Assistant Professor, Psychology
BA, UC Riverside; MS, National University; EdD, Drexel University

Esperanza, Evonn (2023)
Counseling Clerk II, Counseling
AA, Folsom Lake College

Estep-Gompert, Gena (2016)
Professor, History
AA, Sierra College; BA, BA, MA, CSU Sacramento

Eure, Angela (2023)
Administrative Assistant III, Instructional Services
AA, American River College

Fannon, Sean (2007)
Professor, Psychology
BA, The Catholic University of America; MA, PhD, Duke University

Farrand, Brittney (2019)
Professor, English
AA, Folsom Lake College; BA, MA, MA, CSU Sacramento

Fernandez, Josh (2015)
Professor, English
BA, UC Davis; MA, CSU Sacramento

Flores, Juan J. (2004)
Counselor, Counseling Services
BA, MS, CSU Sacramento

Fowler, Caleb (2013)
Professor, Computer Information Science
BA, MBA, Cal Poly, Pomona; EdD, UC Davis

Franco, Rochelle (1998)
Evaluator/Degree Auditor, Admissions & Records
AA, Cosumnes River College; BA, Chapman University

Fuson, Joy A. (1999)
Professor, Mathematics
BS, UC Davis; MA, CSU Sacramento

Garcia, Mayra (2024)
Administrative Assistant I, Visual & Performing Arts, Language & Literature, Library, Learning Skills
AA, American River College; BA, CSU Sacramento

Garza, Eduardo (2011)
Operations Technician, Campus Operations
BM, Berklee College of Music

Glassman, Dana (2024)
Mental Health Advocate, Health and Wellness Services
BS, UC Davis

Grahlman, Amber (2018)
Professor, Kinesiology, Health, & Athletics; Head Softball Coach
BA, San Diego State; MA, Azusa Pacific University

Grayson, Samira (2026)
Reading and Writing Center Coordinator, Assistant Professor, English
BA, MA, St. John's University; PhD, Middle Tennessee State University

Green, Dominik (2017)
Professor, Chemistry
BS, PhD, UC Davis

Griffin, Nicole (2018)
Professor, English
BA, CSU East Bay; MFA, Mills College

Guzman, Joscelyn (2018)
Student Support Specialist, Career and Transfer Center
BA, Occidental College; MA, Claremont Graduate University

Guzzi, Kathy (2007)
Admissions & Records Tech III, Admissions & Records

Habib, Afshan (1992)
Instructional Services Assistant II, Scheduling

HabibAzad, Mahdi (2025)
Custodian, Custodial Services

Hale, Daniel (2008)
Professor, Astronomy and Physics
BS, Sonoma State University; MS, Michigan State University

Hale, Lillian (2024)
Account Clerk III, Business Services
AA, American River College

Harden, Jeremy (2016)
Professor, Mathematics
AS, AA, San Joaquin Delta College; BA, CSU Stanislaus; MA, CSU Sacramento

Harmon, Aubrie (2024)
Clerk III, Center for Excellence
AA, Folsom Lake College

Harris, David (2007)
Professor, Theatre Arts
BFA, University of Illinois, Urbana-Champaign; MFA, UC San Diego

Hendricks, Tess (2007)
Laboratory Technician, Science

Henk, Nori (2025)
Assistant Professor, Ethnic Studies
BA, Azusa Pacific University; MA, San Francisco State University; PhD, Loyola University Chicago

Hernandez Alfaro, Karla (2023)
Student Support Specialist, Success Coach - Public Service, Health, and Education (PSHE), Soar to Success
BA, CSU Fresno

Hicks, Andrea (2019)
Professor, Communication Studies
BA, CSU Fresno; MA, UC Davis

Holzberg, Steve (2006)
Professor, Biology
BS, UC Irvine; PhD, UC Berkeley

Hoyt, Cameron (2016)
Theater Technician, Theatre Arts

Hwang, Eunyoung (2000)
Professor, Art History
BA, Wagner College; MFA, West Texas A&M; MA, University of North Texas

Hyder, Renee (2004)
Student Support Specialist, Admissions & Records
BS, University of Wisconsin-Madison

Hynson, Melissa (2018)
Instructional Services Assistant II, Scheduling
BA, CSU Sacramento; MS, Drexel University

Ishchuk, Alexandr (2015)
Professor, Chemistry
BS, PhD, UC Davis

Jahangiri, Sayna (2019)
Professor, Biology
MS, CSU Sacramento

Javier, Miriam (2014)
Counselor, Counseling Services
BA, University of the Pacific; MS, National University

Jensen, Wayne (2001)
Professor, Mathematics
AS, American River College; BA, CSU Sacramento; MA, University of Colorado

Johnson, Justin (2015)
Professor, Kinesiology, Health, & Athletics; Head Men's Soccer Coach
BA, MA, San Jose State

Johnson, Virginia (2025)
Assistant Professor, Chemistry
BA, UC Davis; PhD, University of Colorado, Boulder

Jones, Kalinda (2015)
Professor, Social Work/Human Services
BA, Olivet Nazarene University; MA, Eastern Michigan University; PhD, Indiana State University

Jordan, Denis (2017)
Professor, Mathematics
BS, Liberty University; MS, Virginia Tech

Karas, Stephanie (2019)
Professor, Administration of Justice
BA, CSU Chico; MA, Boise State University

Kaur, Jaskirat (2022)
Student Support Specialist, Success Coach - Business and Management (B&M) and Exploring Pathways & Undecided, Soar to Success
AA, Folsom Lake College; BA, MPPA, CSU Sacramento

Keller, Fran (2016)
Professor, Zoology and Biology
AS, Sacramento City College; BS, MS, PhD, UC Davis

Kermanshahi, Shaghayegh (2018)
Administrative Services Analyst, Business Services
AA, Sacramento City College; BA, Azad University, Iran

Kessler, Clare (2024)
Assistant Professor, Viticulture and Enology
BS, UC Davis

Kohn, Justin (2013)
Laboratory Technician, Science
AS, Sacramento City College

Kravchuk, Alina (2018)
Administrative Assistant III, Student Services
BS, CSU Sacramento

Lacy, David (2016)
Professor, English
AA, Sacramento City College; BA, UC Davis; MA, UC Irvine

Lagala, David (2008)
Professor, Biology
AA, Ventura College; BA, UC Santa Barbara; DC, University of Western States

Lee, Hao (2008)
Instructional Assistant, Music
BFA, UCLA; MM, CSU Los Angeles

Lennert, Michelle (2002)
Professor, Sign Language Studies
BA, Gallaudet University, Washington, D.C.; MS, Capella University, Minnesota

Leung, Amy (2013)
Professor, Economics
BA, UC Berkeley; MA, UC Merced; EdD, CSU Sacramento

Li, Vladislav (2021)
Senior IT Technician, IT Services
AA, American River College; BA, CSU Sacramento

Longhitano, Amber (2012)
Counselor, Athletics
BA, UCLA; MA, CSU Sacramento

Lopez, Gabe (2012)
Lead Custodian, Custodial Services

Lovelace, Brian (2025)
Custodian, Custodial Services

Lozano, Karla (2017)
Confidential Administrative Assistant III, President's Office
BVE, MA, CSU Sacramento

Lu, Michael (2014)
Custodian, Custodial Services

Lyubov, Bisic (2026)
Custodian, Custodial Services

Madden-Nann, Michelle (2002)
Counselor, Counseling Services
BA, MS, CSU Sacramento

Mahoney, Max (2015)
Professor, Chemistry
BS, California Polytechnic State University, San Luis Obispo; PhD, UC Santa Cruz

Martinez, David (1999)
Welcome & Student Success and Basic Needs Student Support Specialist, Soar to Success

Martinez, Lesly (2025)
Health Services Assistant, Health & Wellness Center

Martinez, Lupe (2011)
Admissions & Records Technician III, Admissions & Records
AA, Evergreen Valley College; BA, San Jose State

Melton, Taylor (2016)
Custodian, Custodial Services

Meneses, Fabian (2025)
General/Transfer Counselor, Counseling Services
BA, UC Santa Barbara; MA, Loyola Marymount University

Mendell, Rebecca (2007)
Universal Design and Accessibility Coordinator, Innovation Center Makerspace
BA, UC Davis; MLIS, San Jose State

Michels-Ratliff, Emelia (2017)
Research Analyst, Office of Institutional Research
BA, MA, CSU Chico

Miller, Travis (2001)
Maintenance Technician II, Maintenance Services

Minnick, Michael (2026)
Assistant Professor, Early Childhood Education
BA, MPPA, Sacramento State University; MS, Arizona State University

Misrahi, Gina (2024)
Administrative Assistant I, Operations
BS, CSU Sacramento

Mollet, Ali (2018)
Professor, Kinesiology, Health, & Athletics; Head Women's Basketball Coach
BA, MS, CSU Sacramento

Montez, Dominic (1994)
Custodian, El Dorado Center, Custodial Services

Moraga, Juan Carlos (1999)
Professor, Spanish
BA, MA, University of Northern Iowa

Morris, Kieli (2024)
Assistant Professor, Early Childhood Education
BA, Missouri Western State University; Med, Grand Canyon University

Morris, Ljiljana (2024)
Assistant Professor, Physics and Astronomy
MSc, UCLA

Morrison, Jill (2015)
Counselor, Counseling Services
BA, University of Redlands; MS, San Diego State University

Moua, Theng (2002)
Financial Aid Officer, Financial Aid

Mowrer, Richard (2015)
Professor, History
BA, Yale University; MA, UCLA

Mulligan, Terry (2007)
Head Custodian, Custodial Services

Mukarram, Abida (2024)
Assistant Professor, Computer Information Science
BS, MS, Mumbai University, India; PhD, Oxford University, UK

Murphy, Morgan (2020)
Distance Education/Instructional Design and Development Coordinator, Innovation Center Makerspace
MA, CSU Sacramento

Naresh, Brandon (2023)
Admissions & Records Clerk III, Admissions & Records

Nathaniel, Zeffrum (2025)
Assistant Professor, Fire Technology
AA, AS, Columbia College

Navarro, Celina (2025)
Counselor, Counseling Services
BA, BA, UC Merced; M.Ed, University of Southern California

Ndiaye, Ababacar (2013)
Receiving Clerk/Storekeeper, Receiving

Neitling, Cassandra (2025)
Assistant Professor, Biology
BS, Cornell University; MA, Harvard University

Nersesyan, Vadim (2016)
Professor, Mathematics
BS, Portland State University; MS, Oregon State University

Nguyen, Bi (2015)
Professor, Math
BA, MA, CSU Sacramento

Nuñez, Mechelle (2014)
Instructional Services Assistant II, Curriculum and Scheduling
AA, Cosumnes River College

Olsen, Marc (2007)
Professor, Mathematics
BS, CSU Chico; MAT, UC Davis

Osorio-Vallejo, Brenda (2021)
Student Support Specialist, Veterans Support Center
AA, Folsom Lake College; BS, CSU Sacramento

Palomares, Karen (2006)
Student Support Specialist, EOPS, Success Coach - CARE & CalWORKs, Soar to Success

Pan, Stella (2023)
Custodian, Custodial Services

Pedro, Jason (2013)
Professor, Medical Laboratory Technician Program Coordinator
BS, UC Davis; MBA, CSU Sacramento

Phu, Roger (2023)
Custodian, Custodial Services

Pietromonaco, Dean (2000)
Professor, Mathematics
MA, UC Davis

Pimental, Christy (2012)
Student Personnel Assistant, Outreach

Pipkin, Kevin (2005)
Professor, Mathematics
BS, MS, CSU Hayward

Pittman, Jason (2006)
Professor, Geography and Geology
BA, UC Davis; MS, Oregon State University

Pitts, Lorilie (2000)
Outreach Librarian, Library
AA, American River College; BA, CSU Sacramento; MLIS, San Jose State University

Polewaczyk, Heidi (2025)
Assistant Professor, Early Childhood Education
BA, MA, CSU Sacramento; MA, CSU San Diego

Prelip, Angela (2013)
Professor, Communication Studies
AA, Merced College; BA, CSU Stanislaus; MA, CSU Northridge; MA, Fresno Pacific University; EdD, Alliant International University

Rahman, Lishia (2015)
Special Populations Counselor, Center for Excellence
AA, Sacramento City College; BA, MS, CSU Sacramento

Randak, Irina (2013)
Financial Aid Officer, Financial Aid

Raskin, Sam (2015)
Coordinator, Learning Skills/Tutoring
BA, UC Santa Cruz; MS, CSU Los Angeles

Redfield, Molly (2024)
Assistant Professor, Music
BM, BMUE, CSU Sacramento; MM, DMA, University of Nevada, Las Vegas

Reed, Kimberly (2018)
Success Coach - EOPS & NextUp, Soar to Success
AA, AAT, Folsom Lake College

Reese, David (2004)
Professor, Political Science
BA, UC Santa Barbara; MA, San Diego State; PhD, Colorado State University

Ribaudo, Donny (2014)
Professor, Kinesiology, Health, & Athletics; Head Women's Soccer Coach
BA, MA, CSU Chico

Riewe, Samual (2025)
Assistant Professor, Economics
BA, Sonoma State University; MA, San Francisco State University

Rodriquez-Ramirez, Gabriella (2024)
Laboratory Technician, Biology
BS, CSU Long Beach

Roehr, Rebecca (2016)
Professor, English
AA, Folsom Lake College; BA, MA, CSU Sacramento

Rogers, Sherry M. (1996)
Professor, Biology
BS, MA, UC Riverside

Roquemore, Dalyn (2023)
IT Technician II, El Dorado Center, IT Services

Rose, Ami (2022)
Professor, Chemistry
BS, CSU Chico; PhD, UC Davis

Ross, Daniel G. (1999)
Professor, Computer Information Science and Engineering
BSME, CSU Fresno; MSBME, MSCS, CSU Sacramento

Rowe, Cassy (2026)
Assistant Professor, Mathematics
BA, MA, CSU Sacramento

Royer, Tina (2007)
Professor, English
BA, MA, CSU Sacramento

Rubio, Juan (2026)
Assistant Professor, Accounting
BS, CSU Sacramento; MST, CSU Fullerton

Rudac, Andrei (2019)
Custodian, Custodial Services

Rudac, Anna (2023)
Custodian, Custodial Services

Rudac, Natalia (2023)
Custodian, Custodial Services

Ruiz, Juana (2023)
Articulation Officer, Counseling Services
BA, MA, CSU Sacramento

Rumburg, Dana (2019)
Printing Services Operator II, Printing/Mail Services
AA, San Joaquin Delta College

Runner, Sandy (2024)
Assistant Professor, Business
BS, MBA, CSU Sacramento

Sanceja Jr., Jonathan (2022)
Custodian, Custodial Services

Sanchez, Aldorey (2025)
College Nurse
BS, Chamberlain University; BS, MS, Centro Escolar University, Philippines

Santoro, Linda (2006)
Administrative Assistant I, Math, Science & Engineering
BS, Ohio State University

Sapra, Lisa (2008)
Professor, English
AA, Orange Coast College; BA, MA, CSU Long Beach

Sayago, Marisa (1999)
Professor, Art
BFA, W. Texas A&M University; MFA, University of North Texas

Schmid, Heike (2008)
Professor, Art
BA, Technische Universität Berlin, Germany; MA, CSU Sacramento

Schritter, Lele (2007)
Professor, Mathematics
BS, Cal Poly, San Luis Obispo; MA, CSU Sacramento

Selby, David (2026)
Assistant Professor, Political Science
BA, UC Santa Cruz; MA, PhD, UC San Diego

Shepard, Benwar (2026)
Assistant Professor, Music
BM, MM, University of the Pacific

Siegfried, Danny (2014)
Professor, English
BA, MA, CSU Sacramento

Sigartau, Simona (2022)
Tutorial Services Assistant, Learning Skills/Tutoring
BA, Northern University of Baia Mare, Romania

Silva, Debora (2019)
Professor, Nutrition
BS, MS, PhD, Federal University of Pelotas, Brazil

Small, Benny (2026)
Senior Information Technology Technician, Microcomputer Support, IT Services
AS, Folsom Lake College

Smiley, Rose (2026)
Assistant Professor, Chemistry
BS, St. Edward's University; PhD, UC Davis

Snider, Jane (2025)
Graphic Designer, Los Rios Marketing and Communications
BS, California Polytechnic State University

Sohl, Marlon (2024)
Assistant Financial Aid Officer, Financial Aid
AA, American River College; BA, CSU Sacramento

Staves, David (2022)
Student Support Specialist, Success Coach - Science, Technology, Engineering, and Mathematics (STEM), Soar to Success
AA, Folsom Lake College; BS, Brigham Young University-Hawaii; MS, Nova Southeastern University

Stefanco, Tatiana (2015)
Educational Center Assistant, Rancho Cordova Center
AA, Folsom Lake College

Steger, Alyssa (2025)
Laboratory Technician, Chemistry
BS, UC Davis

Sugie, Casey (2022)
Professor, Chemistry
AA, American River College; BS, Mills College; MS, UC Davis

Swink, Mark (2022)
Professor, Emergency Medical Technology
AS, American River College; BS, CSU Sacramento; MA, Saint Mary's College

Swithenbank, Elizabeth (2007)
Professor, Business Technology
BS, Santa Clara University; MBA, Golden Gate University

Tahmahkera, Travis (2023)
Evaluator I, Admissions & Records
AA, AA, AA, Folsom Lake College; BA, Southern New Hampshire University

Tapia, Andres (2024)
Assistant Professor, History
BA, UC Davis; MA, CSU Sacramento

Tarzia, Josh (2017)
IT Systems/Database Administrator Analyst I, IT Services

Tavares, Michael (2019)
Counselor, Counseling Services
BS, BA, MS, CSU Sacramento

Telles, James (2003)
Instruction Librarian, Professor, Library
BA, MA, CSU Sacramento; MLIS, San Jose State

Thomas, Damieka (2025)
Library Technician, Library
BA, MFA, UC Davis

Tikhonov, Inna (2008)
Counselor, Counseling Services
AS, Cosumnes River College; BA, MS, CSU Sacramento

Tinoco, Diana Chang (2005)
Professor, English as a Second Language
AA, Sacramento City College; BA, UC Davis; MA, Columbia International University

Tolly, Shelby (2023)
Health Service Assistant, Health and Wellness Services
AA, Sacramento City College

Tyler, Erica (2008)
Professor, Anthropology
BA, UC Berkeley; MA, Ohio State University; PhD, UC Davis

Valencia, Luke (2025)
Assistant Professor, Medical Laboratory Technician (MLT)
BS, BS, CSU East Bay; DCLS, University of Kansas

Valverde, Tracey (1998)
Library Technician, Library
BA, CSU Sacramento

Vazques, Nanci (2022)
Student Support Specialist, Success Coach - Liberal Arts and Social Science (LASS), Soar to Success
BA, CSU Sacramento

Van Dyke, Ryan (2025)
Instructional Assistant, Reading and Writing Center
BA, MA, CSU Sacramento

Vang, Cha (2024)
Custodian, Custodial Services

Vega, Anthony (2014)
Financial Aid Officer, Financial Aid

Vaden, Mondo (2025)
Library Technician, Career Education
AA , Sacramento City College; BS, Dominican University CA; MLIS, San Jose State University

Veirs, Jessica (2024)
Administrative Assistant I, Career Education
BA, MA, CSU Sacramento

Villaver, Melvin (2026)
Assistant Professor, Ethnic Studies (Black Studies)
BA, University of Southern California; MA, PhD, Purdue University

Wada, Eric (2007)
Professor, Biology
BA, BS, UC Berkeley; PhD, UC Davis

Wallace, Jennifer (2025)
Assistant Professor, Theatre Arts
BFA, BS, New York University; MFA, Brooklyn College, NY

Wallace, Ian (2012)
Professor, Theatre Arts
BFA, New York University; MFA, UC San Diego

Watanabe, Matthew (2016)
Professor, Business
BS, MBA, CSU Sacramento; JD, McGeorge School of Law

Whitaker, Khaa-Lel (2023)
Assistant Financial Aid Officer, Financial Aid
AA, Sacramento City College

White, Anne (2007)
Senior IT Specialist, Office of Institutional Research
BS, UC Irvine

Williamson, Andrew (2016)
Professor, English
BA, MA, CSU Sacramento

Worth, Debi (2007)
Professor, Dance
BA, BA, UC Irvine; MA, MA, University of Surrey Roehampton, England; PhD, Northcentral University

Yang, Kou (2019)
Counselor, Counseling Services
BS, MS, CSU Sacramento

Zahedi, Roja (2025)
Student Support Specialist, Admissions & Records

Zhai, Ying Fang (2021)
Custodian, Custodial Services

Zingerova, Elmira (2025)
Account Clerk II, Business Services
BA, MA, Dagestan State Pedagogical University, Russia

Zwerenz, Kim (2000)
Laboratory Technician, Science