

# Folsom Lake College 2006-2007 College Catalog Table of Contents

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## About this Catalog

The Los Rios Community College District and Folsom Lake College have made every effort to determine that everything stated in this catalog is accurate. Courses and programs offered, together with other matters contained herein, 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 the College. The District and the College further reserve the right to add, amend, or repeal any of their rules, regulations, policies, and procedures.

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# A Message from the President

You have dreams and goals – and you know education is often the key that unlocks the doors to the future. I hope you'll consider letting Folsom Lake College help you reach your dreams.

If you are not familiar with Folsom Lake College, this catalog is a great introduction. In this publication you'll find a wide variety of information to help you make informed choices about your education.

This catalog includes:

- steps on how to become a student
- information on the resources Folsom Lake College offers to help you succeed as a student
- detailed specifics on the academic programs you can take advantage of – from Accounting to Work Experience

Folsom Lake College is a vibrant, dynamic college. We received our initial accreditation in 2004 – becoming California's 109th community college and the 4th member of the Los Rios Community College District – and we are growing to meet the needs of the communities we are honored to serve.



**Dr. Thelma Scott-Skillman**

That growth includes:

- new instructional facilities at our main Folsom campus and El Dorado Center in Placerville; more construction is underway, too, with new facilities expected to open on the Folsom campus in Spring 2007
- new faculty and staff to better serve students
- new academic programs and classes, including the Personal Trainer Certification option offered by the college's Physical Education department

If you live in Folsom, El Dorado County, or Rancho Cordova, you owe it to yourself to check out Folsom Lake College. No matter what your educational needs are – preparing to transfer to a 4-year institution, looking to boost your career, or simply trying to enhance your life – Folsom Lake College wants to be your choice for higher education.

Thank you.



**Faculty, administration, and staff gather during a December 2005 event.**

# About Folsom Lake College

**Folsom Lake College** is a comprehensive, public community college, the 109th community college in the State of California and the fourth member of the **Los Rios Community College District** (one of the largest community college districts in California, serving approximately 80,000 students). In January 2004, Folsom Lake College received initial accreditation from the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges (WASC), one of six regional accrediting associations in the U.S. Accreditation certifies to students and the community that an educational institution meets or exceeds specific standards of quality.

Folsom Lake College serves the community with classes offered at:

- The main Folsom campus at 100 Scholar Way (just off Highway 50)
- Two centers (the El Dorado Center in Placerville and the Rancho Cordova Center)
- Various off-site locations in communities of the region

In Fall 2005, Folsom Lake College opened over 65,000 square feet of new/expanded instructional facilities on the main Folsom campus. In Spring 2006, a new bookstore/cafeteria on the Folsom campus and a new instructional building on the El Dorado Center campus opened. Construction on 50,000 square feet of new instructional facilities is ongoing at the Folsom campus, with opening expected for Spring 2007. All of this construction is part of the college's Master Plan, which calls for the college gradually growing to eventually accommodate 15,000-20,000 students.

In Spring 2006, Folsom Lake College enrolled approximately 6,835 students choosing from among approximately 1,000 different course offerings. Those students were served by 75 full-time faculty, 179 part-time faculty, 70 classified staff, 9 administrators, and 9 counselors.



## Folsom Lake College Mission Statements

- Inspire and prepare our students to reach their educational goals by providing:
  - Excellence in teaching,
  - Rigorous academic programs for completion and transfer,
  - Training to enhance employment and career skills; and
  - Preparatory programs for student success.
- Introduce students to those broad areas of human knowledge and understanding that add meaning to their lives.
- Provide curriculum, instruction, and comprehensive student support programs that promote the participation and success of all students.
- Create opportunities for lifelong learning and enrichment.
- Develop and maintain a collaborative and innovative college environment that promotes personal interaction as the foundation of learning, honors and is responsive to the diverse backgrounds, perspectives, abilities and needs within each of the evolving communities we serve.
- Establish and strengthen partnerships with educational institutions, community groups, and business and government entities.

## Folsom Lake College Vision Statement

Folsom Lake College, as a learning community committed to pursuing excellence and inspiring achievement, provides quality educational programs and services to enrich and empower students to reach their full potential as informed and productive members of the community.



## El Dorado Center

Folsom Lake College's El Dorado Center was established in 1965 as a state-funded education center and was located in several portable buildings on El Dorado County land next to the county fairgrounds. Because of the continued enrollment growth at the center, and the keen interest and desire of the citizens of the Greater Placerville area to have a permanent community college center in Placerville, the Los Rios Community College District Board of Trustees authorized the purchase of approximately 19 acres of land from the El Dorado Board of Education. The site was approved by the California Community Colleges and the State of California for a permanent site in 1988. Construction of the first phase of permanent facilities was completed in the spring of 1994 and opened for classes in August 1994. A physical education building was completed and opened for classes in January 1999. An additional parking lot opened in Fall 2003. A second instructional building that completed the center's build-out was opened in Spring 2006.

The El Dorado Center serves the educational needs of those working and living in the El Dorado and Placer county areas. More than 2,500 students attend the El Dorado Center. The facility has state-of-the-art science labs and a fitness center, and has been recognized with a statewide architectural award of excellence. The center offers a full range of transfer and vocational programs as well as student support services. The center is well positioned to meet the educational needs of the area's growing population.



## Rancho Cordova Center

The Rancho Cordova Center, an outreach center operated by Folsom Lake College, is located just minutes south of Highway 50 and 10 miles east of downtown Sacramento. The center was developed in response to the growing number of residents in this service area. The center offers a comprehensive English as a Second Language curriculum, as well as a range of general education, computer science, and business courses. Alternative course delivery options, including online and televised courses, are available. The center also provides a variety of support services to assist students in achieving their educational goals.

## About our Students

### Gender

Female	64%
Male	36%

### Age

Under 18	3%
18-20	32%
21-24	18%
25-29	9%
30-39	13%
40+	25%

### Race/ethnicity

African-American	2%
Asian	8%
Hispanic/Latino	9%
Native American	1%
Other	9%
White	71%

## Los Rios Community College District (LRCCD)

Folsom Lake College is one of four community colleges within the Los Rios Community College District. The Los Rios District was founded in July 1965 when voters in ten separate school districts covering five counties opted to consolidate. The election established a regional community college district of 2,400 square miles and brought together, under one governing board, the then-existing Sacramento City and American River colleges. Currently the district enrolls nearly 80,000 students throughout Sacramento and El Dorado counties and parts of Yolo, Placer, and Solano Counties.

## Los Rios Community College District Values

- Student success
- The contributions of all our members
- Collegiality
- Diversity
- Informed and decentralized decision making
- Measured risk taking
- Blame-free culture
- Serving the community
- Financial stability
- Democratic practices
- Lifelong learning
- Academic rigor
- Relationships
- Economic development of the community
- Excellence
- Access

# About Our Programs

Folsom Lake College is a publicly supported and locally oriented college that offers programs for associate degrees and transfer to a four-year college, career education programs, remedial or basic skills programs for students who lack a strong educational background, and continuing education for cultural growth, life enrichment, and skills improvement. FLC is committed to providing the highest quality instructional programs in transfer, vocational, and general education, using the best of current or emerging instructional methods and technologies. The college promotes flexible teaching and learning methods to support the success of its diverse student population in attaining educational and career goals.

## Associate Degrees and Certificates

Folsom Lake College offers training needed to qualify students for a well-paying job with room for advancement. Students majoring in a two-year curriculum and planning to graduate with an Associate in Arts or Science degree must complete the general education requirements. Certificate programs have been developed to assist those already employed in business and industry or those who desire to upgrade their skills or acquire special training. Career vocational programs are offered in many areas that employers need. Areas of vocational (occupational) education include technical trades, health occupations, business and finance, computer sciences, law enforcement, landscaping trades, and many others. The college has up-to-date equipment, facilities, and professors who are experts in their fields.

## General Education

General education courses are those classes that cover a wide range of disciplines. The college is committed to the principle of providing a broad general education that includes: Natural Science, Social and Behavioral Sciences, Humanities and the Arts, and Language and Critical Thinking. The college continues to offer other courses that enhance lifelong learning and prepare students for the needs and demands of everyday life. All of these skills help create a balanced life in a democratic society that is diverse in its social, cultural, and educational backgrounds.

## Transfer Education

The college offers courses that meet lower-division (first two years) requirements of a four-year college or university. The college staff is continually developing lower-division educational programs that parallel the first- and second-year courses of four-year colleges and universities.

## Advanced Education for High School Students

The college may allow eligible high school students aged 16 years or older to enroll in up to 6 units or 2 courses for advanced educational enrichment with the recommendation of their school principal/counselor, parent/guardian, and college advisor/counselor. These advanced education students are exempt from enrollment fees but not from books/materials/Access Card costs. Fees for non-residents still apply. The Advanced Education Application must accompany the college registration process. Students interested in this program should first contact their local high school counseling center.

## Basic Skills Education

Courses designed to assist students who need to strengthen the basic skills of reading, writing, speaking, and analyzing are offered in several non-degree applicable programs.

## Community Education

These programs are designed to respond to community needs and expectations with auxiliary programs such as: credit and non-credit classes, workshops, lecture and film series, concerts, art exhibits, television courses, continuing education courses, community services classes, and specially funded projects.

## Continuing Education

In its commitment to lifelong learning, the college offers courses that are responsive to the varied needs of anyone interested in pursuing academic experiences in an educational setting.

## Contract Education/Contract Training

Customized training and education for employers and their employees in the Sacramento area are offered by FLC in collaboration with the LRCCD Training Source. Contract courses are scheduled at any time throughout the year and vary from a single workshop to a series of classes provided over a few weeks or months. The Training Source also conducts on-site college credit and degree programs, customized instruction for an employer's assessed training requirements, as well as performance consulting. Since 1985, the Training Source has provided training to more than 58,000 Sacramento-area employees, including Intel, Bank of America, Aerojet General, SMUD, and many state and local public agencies and school districts. To arrange for specific educational training for your organization, contact the Training Source at (916) 563-3230. The Training Source is located at 1410 Ethan Way in Sacramento, by Cal Expo.

## Innovative Teaching and Learning

With an Innovation Center dedicated to the development and implementation of innovative teaching and learning approaches, the college demonstrates its commitment to meeting the various learning needs of its diverse student body. Folsom Lake College provides continued professional development for faculty, classified staff, and administration.

## Greater Sacramento Small Business Development Center (SBDC)

The Greater Sacramento Small Business Development Center offers personalized business counseling in: Business Management, Finance Resource, and Marketing Strategy. To make a confidential appointment, call the SBDC at (916) 563-3210, email [info@sbdc.net](mailto:info@sbdc.net) or visit [www.sbdc.net](http://www.sbdc.net). The SBDC is located at 1410 Ethan Way in Sacramento, between Hallmark and Hurley.

## North/Far North-Regional Environmental Business Resource and Assistance Center (N/FN-REBRAC)

The North/Far North-Regional Environmental Business Resource and Assistance Center (N/FN-REBRAC) was established to provide environmental education and assistance to businesses, college faculty, individuals, and public agencies with the goal of decreasing the costs associated with: hazardous material and waste management, controlling air and wastewater emissions, maintaining a safe work environment, and the consumption of water and energy. Services include: client, student

and faculty training, dissemination of technical information, referrals to service providers, and research into creative Environmental Health and Safety (EH&S) procedures and financial support options for EH&S equipment purchases. For more information call (916) 563-3241 or (800) 614-0000, or visit [rebrac.losrios.edu](http://rebrac.losrios.edu).

## Student Development Programs And Services

As a community-based institution, the college strives to be responsive to the educational needs of growing communities of the Greater Sacramento region. To meet the challenges of population growth, we explore new delivery approaches to provide a high level of access to education. We also provide comprehensive support services to ensure access by reducing or eliminating significant barriers and by promoting diversity. We are committed to ensuring that students from a wide variety of backgrounds have an equal chance to achieve their educational goals.

### Student Access

Folsom Lake College, as a member of the multi-college Los Rios Community College District, endorses the open door policy of the district. As a multi-cultural institution, our academic programs and services are open to all persons without regard to race, color, marital status, religion, national origin, age, gender, sexual orientation, physical or mental disability, or veteran status.

**Equal Opportunity:** FLC is committed to identifying and modifying any action that may alienate individuals and groups from each other. To do this, the college has:

- Established varied programs and services that ensure equal opportunities for women, minority, low-income, disabled, and disadvantaged students to succeed in all areas within the college program;

- Assured equal opportunity for ethnic minorities, disabled persons, and women in the areas of employment, promotions, and assignments; and
- Implemented programs to increase understanding and sensitivity among members of the majority group to the rising aspirations and occasionally unique needs of minority groups.

**Open Courses:** Folsom Lake College places an emphasis on providing both general education and high quality occupational/technical programs and is committed to offering day, evening, weekend, and summer courses. The policy of this District is that, unless specifically exempted by statute or regulation, every course, course section, or class reported for state aid, wherever offered and maintained by the District, shall be fully open to enrollment and participation by any person who has been admitted to the college(s) and who meets such prerequisites as may be established.

### Accreditation

Folsom Lake College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, an institutional accrediting body recognized by the Council of Higher Education Accreditation (CHEA) and the U.S. Department of Education. The El Dorado and Rancho Cordova Centers are fully accredited under Folsom Lake College.

# Admission, Matriculation, and Registration

## Admission Eligibility

Admission is open to any high school graduate (or equivalent) or non-high school graduate 18 years of age or older. High school students eligible for Advanced Education enrollment may enroll in up to two (2) courses or less than seven units of credit for any given semester.

## Determination of Residency

California state law requires that each student enrolled in or applying for admission to a California Community College provide proof of his/her residence classification.

The statutes regarding residence determination are found in Sections 68000-68090 and 76140 of the Education Code, Sections 54000-54072 of the California Administrative Code, and in the regulations of the Los Rios Community College District. These regulations are available in the Admissions & Records office of the college and are subject to the interpretation of the college.

The California residency requirement has two parts: Act and Intent. To claim residency a student must have lived in, and shown intent to reside in, California by one or more of the following acts of intent:

- Paying California income taxes;
- Possessing a valid California driver's license;
- Registering and voting in the state;
- Owning and registering a car in California; and/or
- The absence of these ties with another state or country.

Concurrent with these acts of intent, physical presence in the state for one year prior to the first day of the semester is needed to establish California residency in the District. Because the residency requirement is complicated, students with questions should contact the Admissions & Records office for more information.

**Non-Resident Student:** A student classified as a non-resident will be required to pay out-of-state tuition, which is set by the Board of Trustees of the Los Rios Community College District. Under Assembly Bill 540, some non-resident students, who are U.S. citizens, may be eligible for a waiver of non-resident tuition fees. Interested students should contact the Admissions & Records office to discuss eligibility. Qualified students are still responsible for the PER UNIT general enrollment fee.

Information regarding tuition fees and refunds is found in the "Schedule of Fees" and "Fee Refund" sections of this catalog.

**Undocumented Alien:** Under Assembly Bill 540, a student (non-U.S. citizen) who is residing in the United States without official authorization from the U.S. Immigration and Naturalization Service (INS) may be eligible for a waiver of non-resident tuition fees. Interested students should contact the Admissions & Records office to discuss eligibility. Qualified students are still responsible for the PER UNIT general enrollment fee. **All inquiries are strictly confidential, and the student's information is not reported to the INS.**

**Incorrect Classification:** Non-resident students who have falsified information and enrolled without paying their fees will be excluded from classes upon notification. Written notification may be given at any time. These students will not be readmitted during the semester or summer session from which they were excluded, nor shall they be admitted to

any following semester or summer session until all previously incurred tuition obligations are paid. If a student is erroneously determined to be a non-resident and a tuition fee is paid, the fee is refundable provided acceptable proof of state residence is presented within the period for which the fee was paid.

## Application Process

New or returning students must complete and submit an application before registering for classes. There are two ways to use the Web to apply for enrollment at a Los Rios college: Applications may be filled out online or downloaded, printed and returned to the Admissions & Records department at any Los Rios college or outreach center. An online application may be submitted to any of the district's colleges. All of the Los Rios colleges—Folsom Lake, American River, Cosumnes River, and Sacramento City—use the same application. By submitting one application, you can enroll in classes at any of the four colleges.

Paper applications may also be obtained through the Admissions & Records office. If you have further questions, or if you'd like to talk to someone about the community college experience, contact the college's counseling office to make an appointment.

## International Student Admissions

Folsom Lake College welcomes international students from all over the world. Students who enter the U.S. on a non-immigrant visa are considered international students; however, there are different attendance requirements for each visa type. FLC is approved by the Immigration and Naturalization Service (INS) to issue the I-20 for the F-1 visa.

An international student must be enrolled in at least 12 units and must maintain a C (2.0) grade point average at all times, in order to be certified as a full-time student with the INS. The International Student fee per unit is \$204 per unit.

Requirements for I-20 Issuance:

1. Evidence of English Proficiency:
  - a. Official TOEFL test result of 450 minimum (written) or 133 (computer based), or;
  - b. FLC ESL assessment exam (you can access this schedule online at [www.flc.losrios.edu](http://www.flc.losrios.edu) and go to Student Services link).
2. Financial Support: Official bank letter/BCIS affidavit of support in the exchange rate of \$14,500 U.S.
3. Educational History:
  - a. 1 official high school diploma/transcript showing graduation, or;
  - b. 1 official college transcript (non-English documents must be accompanied by translated copies).
4. FLC International Student SEVIS Enrollment form completed.
5. Los Rios online application (or download paper application)
6. \$50 non-refundable application fee payable to FLC in the form of a check, money order, or cashier's check.
7. Certification of negative tuberculosis skin test.
8. Evidence of Health Insurance.

The International Student Application and instructions are online or in the Admissions & Records office. For more information, contact the Admissions & Records office at (916) 608-6500.

<b>If you are a...</b>	<b>then . . .</b>
<p><b>Continuing Student</b> (this means you were registered at one of the Los Rios Community College District campuses during the most recent regular academic semester).</p>	<p>To qualify for Priority 1, Priority 2, or open registration, you do not need to submit an application. Simply use the Los Rios e-Services system to complete the Supplemental Enrollment Information Form.</p>
<p><b>First-time Student</b> (never attended college before even though you may have taken college classes while in high school).</p>	<p>To qualify for Priority 1 registration, all First-time Students need to complete the following:</p> <ol style="list-style-type: none"> <li>Complete an online application for admission.</li> <li>Take the appropriate assessment test. Test schedules are available from Admissions &amp; Records online and at each site.</li> <li>Attend Orientation &amp; Counseling.</li> <li>After you have completed a, b, and c you can register for classes. For Priority 2 or open registration all new students must first complete an application and complete a-c above.</li> </ol>
<p><b>New Transfer Student</b> (never attended a Los Rios college before)</p> <p><b>Returning Student</b> (attended a Los Rios college before and returning after an absence). Those students who have earned grades averaging less than 2.0 ("C") will be admitted on probation. Students who have been dismissed or disqualified from another accredited collegiate institution may be denied admission for one semester after dismissal or disqualification, if applying for admission to Folsom Lake College, immediately after dismissal.</p>	<p>For Priority 2 or open registration, New Transfer and Returning Students need to:</p> <ol style="list-style-type: none"> <li>Complete an online application.</li> <li>Submit official transcripts of all college work to the Admissions &amp; Records office.</li> <li>After completing a and b, register for classes.</li> </ol>
<p><b>Veteran and/or Dependent</b> All recipients must confirm their classes with the Admissions &amp; Records office after completion of registration. All material submitted to the Veterans Administration takes approximately two months for processing through the Veterans Administration Regional Office in Muskogee, Oklahoma. After enrolling at FLC, a veteran may apply for evaluation of military service experience for college credit. A copy of the veteran's DD214 separation paper <b>MUST</b> be submitted to the Admissions &amp; Records office. For more information, veterans or dependents should contact the FLC Admissions &amp; Records office at (916) 608-6500; or for EDC at (530) 642-5644.</p>	<p>Two months prior to the term of attendance, complete an online application and contact the Admissions &amp; Records office.</p>
<p><b>International Student</b></p>	<p>Six months prior to the term of attendance, complete an online application and contact the Admissions &amp; Records office. <i>For more details, see the International Student Admissions section.</i></p>
<p><b>High School Student</b> (concurrently enrolled in high school) See your high school counselor for an Advanced Education Application or contact the Admissions &amp; Records office.</p>	<p>To qualify for Priority 2 or open registration:</p> <ol style="list-style-type: none"> <li>Complete an online application.</li> <li>Obtain an Advanced Education Application through high school and obtain appropriate approvals.</li> <li>Submit Advanced Education Application along with copy of most recent high school transcript for college counselor approval.</li> <li>Register for classes in person only.</li> </ol>

## Matriculation

Students who enroll in credit courses are entitled to services designed to help them succeed. "Matriculation" is the official name of the process that brings the college and the student into an agreement for the purpose of realizing the student's educational objectives.

For the college, the agreement includes providing an admission process; orientation to college, student services, pre-enrollment assessment, counseling, and advisement for course selection; a curriculum or program of courses; follow-up on student progress with referral to support services when needed; and a program of institutional research and evaluation.

For the student, the agreement includes identification of an educational intent and willingness to declare a specific educational objective within a reasonable period of enrollment. In addition, students will exercise diligence in class attendance, completion of assigned course work, and maintain progress toward an educational goal according to standards established by the College and the State of California. Students are encouraged to participate in all aspects of the matriculation process although they may be exempt or challenge part or all of the process with cause.

### How does the Matriculation process work?

The matriculation process includes the following procedures designed to assist students in achieving their educational objectives:

#### 1. Admission

Admissions materials are available and must be completed by all students for enrollment into the college. All new and first-time students are directed to matriculation services as needed. New first-time non-exempt students who complete the matriculation process are given priority registration which allows them to register with continuing students.

#### 2. Assessment

All new (to college and/or to FLC) and non-exempt students are required to complete the basic skills assessment test in English or ESL, reading, and mathematics. These tests will assist the counselor and the student to determine the appropriate skill level of the student when developing an educational plan. Test dates and times are available online at [www.flc.losrios.edu](http://www.flc.losrios.edu) (go to the Assessment quick link) or in the Admissions & Records office.

#### 3. Orientation

Orientation services are available to all students and highly recommended for first-time students. Full orientation sessions are provided throughout the fall and spring semesters prior to the beginning of registration. Online orientations are also available.

#### 4. Counseling Services

All matriculation students should meet with a counselor prior to the beginning of classes for the purpose of developing a student education plan. Recent high school students are also encouraged to bring a copy of their high school transcripts with them to the counseling session.

#### 5. Follow-up

Students are encouraged to see their counselor regularly.

### Exemption Criteria

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

Student has completed an associate degree or higher.

Student satisfies at least two of the following:

- identified a goal of upgrading job skills
- enrolled for fewer than 12 units

- concurrently enrolled in another postsecondary institution
- declared no degree or occupational objective

Students who wish to challenge any part or all of the matriculation process (orientation, assessment, or counseling) must meet with the matriculation coordinator or designated representative to discuss the reason and rationale for the challenge, or provide information to the matriculation coordinator supporting the challenge.

In addition, students wishing to challenge specific matriculation services will be informed of their rights to participate in all other non-disputed components, and will be asked to sign a statement waiving their right to the matriculation services, thus providing acknowledgment to the college of receipt of the information above.

## Transcripts from Other Colleges

Students enrolled at Folsom Lake College who desire academic credit for courses taken at other accredited colleges/universities must submit official transcripts of that work to the Admissions & Records office. It is the student's responsibility to initiate a request to each institution asking that an official transcript of his/her work be sent directly to the Admissions & Records office at Folsom Lake College.

A student's official transcript from another college or university or from a high school shall not be released to the student or to another party. They become part of the student's permanent file and are not duplicated. Official transcripts sent to Folsom Lake College from other colleges/universities become the property of FLC and cannot be distributed to a third party, including the student.

## Registration

Students may register for classes using the following methods:

- Via the Internet using e-Services at [www.flc.losrios.edu](http://www.flc.losrios.edu); or
- Via the telephone enrollment system (TES) at (916) 286-4400 or (800) 700-4144.
- In person at the Admissions & Records offices.

For detailed information on registration procedures refer to the current class schedule or online at [www.flc.losrios.edu](http://www.flc.losrios.edu).

## Schedule of Fees

At the time of publication of this catalog, the following fees are in effect (**all fee amounts subject to change**):

**General Enrollment Fees:** All students must pay a general enrollment fee of \$26 PER UNIT. The California Community College Board of Governors provides a waiver of fees for qualified students (see Financial Aid section in this catalog).

**Note:** *General Enrollment Fees are subject to change as they are set by the State Legislature. Students who have registered for classes prior to any increase may be billed for the additional amount. Fees are due and payable at time of registration.*

**Non-Resident Tuition:** Students classified as non-residents (see "Determination of Residency") are required to pay a \$186 PER UNIT tuition fee, plus the PER UNIT general enrollment fee.

**International Student Capital Outlay Fee:** International students who are both a citizen and resident of a foreign country will be assessed a \$204 PER UNIT tuition fee.

**Instructional Material Fees:** Instructional material fees for designated courses may be assessed in accordance with Title 5, Section 59400 and District Policy 2253.

**Student Representation Fee:** A mandatory representation fee of \$1 per student per semester (excluding summer session) has been established by an election held on May 21-22, 1991. Under the provision of California Education Code, section 76060.5 and the California Administrative Code sections 54801-54805, the students established the representation fee by a two-thirds majority of students voting in the election.

**Use of Student Representation Fee:** The money collected from the student fee shall be expended to provide support for students or representatives who may be stating their positions and viewpoints before city, county, and district government, and before offices and agencies of the state and federal government.

**Right to Request a Refund:** The fee is mandatory; however students have the right to request a refund for religious, political, moral, or financial reasons. *To request a refund the student must fill out a form available in the Admissions & Records office.*

**Universal Transit Pass Fee/Student Access Card:** Students approved a Universal Transit Pass (UTP) fee that allows students to use all public transit bus and light rail systems in Sacramento, Yolo, Folsom, El Dorado County, and Elk Grove at a greatly reduced rate. Your Student Access card is your transit pass and it is good seven days a week from August 1 through December 31 and from January 1 through May 31. This is an incredible bargain.

Here's how it works:

- The UTP fee is charged when a student registers for classes. The fee is \$5 per semester for less than six units; \$10 per semester for 6 to 11.9 units; and \$15 per semester for 12 units or more. The fee is not charged for the Summer session.
- The fee is refundable if a student drops courses within the fee refund period. A fee of \$5 will be withheld from the refund if a Student Access card has already been issued to the student.
- The fee is waived for students receiving BOG fee waivers; students enrolled in the Criminal Justice Training Consortium; students enrolled in Apprenticeship programs; and those UC Davis students taking classes on the UC Davis main campus.
- Students can get their Student Access card beginning August 1 for the Fall semester and January 3 for the Spring semester. To get the card, students should bring a photo ID and proof of payment for the semester (this can be printed from e-Services or obtained from the college Business Office) or a copy of their BOG fee waiver and proof of enrollment. For your card to be valid, it must have the current semester sticker attached.

For the latest information on the Student Access Card, go to the District home page at [www.losrios.edu](http://www.losrios.edu).

**Parking Fees:** All students wishing to park a motorized vehicle on campus will be subject to parking fees. A semester parking permit (decal) may be purchased in Admissions & Records or a daily parking ticket may be purchased from machines located in various parking lots. The parking costs are:

#### FALL/SPRING SEMESTER

- Auto \$30
- Auto (Student w/BOG Waiver) \$20
- Motorcycle \$15
- Daily parking permit \$1

#### SUMMER SESSION

- Auto \$15
- Motorcycle \$8
- Daily parking permit \$1

The daily parking ticket will be available for automobiles - not recommended for motorcycles.

Vehicles not having a valid parking decal or daily parking ticket properly displayed will be issued a parking citation (LRCCD R-2252). If a parking decal is lost or stolen, a new decal must be purchased at full price. If a vehicle is sold or damaged (i.e., windshield replaced) during the effective term of the decal, a replacement can be issued for \$2.00 if the proof of sale or repair of vehicle and the old decal (decal number intact) are submitted to the Admissions & Records office.

For additional parking/traffic information, please see the Safety and Security section.

## Fee Refunds

It is the responsibility of the student to apply for a fee/tuition refund. To be eligible for processing, the student **must**:

- Drop his/her classes using e-Services online at [www.flc.losrios.edu](http://www.flc.losrios.edu), using the telephone enrollment system (TES), or in person at the Admissions & Records office within the first ten days of instruction for full semester (18-week) courses and through the fifth day of instruction for short-term (greater than 1 day but less than 18 weeks) courses. Classes that meet only once each week should be dropped before the second class session.
- Submit a refund request form to the Admissions & Records office no later than the last day of the semester or session currently being completed. Students can also apply online for a refund (fees and payment info on website).
- Enrollment fees are not transferable from term to term.

For all semester-length courses, enrollment, tuition, and international capital outlay fees are 100% refundable through the tenth day of instruction. Short-term courses are 100% refundable through the fifth day of instruction. Prorated refunds are not available under current legislative law. Application and installment payment plan fees are not refundable.

**Parking Fees** are 100% refundable only through the tenth day of instruction for semester and the fifth day of instruction for summer session. To be eligible for a refund, the parking decal must be attached to the refund request form and submitted to the Admissions & Records office within the first ten days of instruction for 18-week courses and through the fifth day of instruction for short-term (greater than one day but less than 18 weeks) courses.

## Debts Owed to the College

Should a student or former student fail to pay a debt owed to the institution, the institution may withhold permission to register, to use facilities for which a fee is authorized to be charged, to receive services, materials, food, or merchandise, or any combination of the above from any person owing a debt until the debt is paid (see Sections 42380 and 42381 of the Title 5, California Code of Regulations). If a student believes he/she does not owe all or part of an unpaid obligation, the student should contact the Admissions & Records office.

## Federal Education Tax Credits

(Hope Credit and Lifetime Learning Credit)

Students or parents of dependent students and independent students may be able to obtain federal tax credits for enrollment fees if enrolled in at least 6 units during any semester or summer session, and meet the other conditions prescribed by federal law. The District Office will automatically mail an IRS form 1098 to each student so the student can claim any credits on their federal tax return.

If the 1098 form should be sent to the parent instead, please contact the college Admissions & Records office for the appropriate forms in which to make this change. If choosing this option, provide the parent's full name, social security number, and mailing address. This change must be made prior to December 31. The District Office will then send 1098 forms to the parent for all future years, unless directed otherwise by the student no later than December 31 of any given year. More information on the Hope Credit or Lifetime Learning Credit is available by obtaining a copy of IRS Publication 970 or the IRS website: [www.irs.gov/](http://www.irs.gov/).

## Student Access Card

The Student Access card is your:

- Official College Photo ID Card
- Regional Transit Pass Card
- College Library Card
- GoPrint Card
- Discount Card at participating stores

When you first pick up your Student Access card, you will get a semester sticker that validates it. Your card must have a sticker for the current semester to be valid. NOTE THIS ONE EXCEPTION: your card does not need a sticker for the Summer Session.

### Official College Photo ID Card

Your Student Access card is your official college ID card. Use it to get into college activities where student identification is required.

### Regional Transit Pass Card

Students approved a Universal Transit Pass fee that allows students to use all public transit bus and light rail systems in Sacramento, Yolo, Folsom, El Dorado and Elk Grove at a greatly reduced rate. Your Student Access card is your transit pass and it is good seven days a week from August 1 through December 31 and from January 1 through May 31. This is an incredible bargain.

### College Library Card

Your Student Access card is also your College Library card. It has a bar code that you activate by presenting your card at the library circulation counter. You should activate your card as soon as possible so you can access the online library databases and services that are available from off-campus. You will need to update your library account at the circulation counter each semester you are enrolled.

### GoPrint Card

You can use your Student Access card to make photocopies or prints at any GoPrint station at any college in the Los Rios District. To activate the debit stripe on the back of your card, insert it into any vend/revalue GoPrint station and deposit the amount of value (minimum \$1.00) you wish to put on the card. Additional value may be added to the debit stripe any time thereafter.

### Discount Card

Some stores and merchants offer discounts to our students who show their Student Access Card.

### Where to pick up your Student Access card:

FLC: Computer Lab/Library in FL1

EDC: Library

RCC: Main Counter

### If your card is lost or stolen:

There will be a \$15.00 fee to replace lost or stolen cards. You can pay the fee at your College Business Services Office and show your receipt at the ID card station to receive an immediate replacement.

### For the latest info on transit routes & times:

Folsom Stage Line

916-355-8395

[www.folsom.ca.us/index.asp?page=160](http://www.folsom.ca.us/index.asp?page=160)

Sacramento Regional Transit

916-321-BUSS

[www.sacrt.com](http://www.sacrt.com)

YoloBus

1-800-371-BUSS (2877)

[www.yolobus.com](http://www.yolobus.com)

# College and Academic Regulations

## 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.

## Unit Limitation

Eighteen (18) units per semester is a maximum load. A petition to exceed the maximum load should be submitted in writing to the Admissions & Records office prior to registration. Students planning to carry more than 18 units must confer with their counselor.

A student is:	if enrolled in:
Part-time	fewer than 12 units
Full-time	12 or more units

A student is a:	upon completing:
Freshman	fewer than 30 units
Sophomore	30 or more units
Graduate	requirements for an Associate degree, or a higher degree by a recognized collegiate institution

*Note: During the summer session, a student carrying six (6) units is considered full-time.*

## Grades and Grade Point Averages

At the end of each semester or summer session, a report of academic performance is made for every course undertaken. The grading standards, with their grade point equivalents, are as follows:

A – Excellent	4 grade points per unit
B – Good	3 grade points per unit
C – Satisfactory	2 grade points per unit
D – Passing, less than satisfactory	1 grade point per unit
F – Failing	0 grade points, no units earned

### CR – Credit

Not computed in GPA, but (C or better) affects progress probation and dismissal

### NC – No Credit

Not computed in GPA, but (less than C) affects progress probation and dismissal

### I – Incomplete

Not computed in GPA, but affects progress probation and dismissal

### RD – Report Delayed

### W – Withdrawal

Not computed in GPA, but affects progress probation and dismissal

### Credit-No Credit Grading (CR/NC)

A student may elect one course per semester to be graded on a Credit or a No Credit basis. A petition must be filed with the Admissions & Records office for this option prior to the deadlines published in the class schedules. The equivalent of an "A", "B" or "C" received for the course will be recorded as "CR", with units earned. The equivalent of "D" or "F" will be recorded as "NC", with no units earned. Units attempted for Credit-No Credit grades are not computed in the grade point average, but are used for determining Progress Probation and Progress Dismissal (see Probation and Dismissal information).

A maximum of 15 credit units may be applied toward the Associate in Arts or Science degree.

Once elected, the Credit-No Credit grade may not be changed to a letter grade ("A", "B", "C", "D", "F") assigned by the instructor.

### Incomplete Grading (I)

An incomplete grade, "I", may be assigned by the instructor when, in the judgment of that instructor, the student is unable to complete the course requirements before the end of the semester due to unforeseeable, emergency, and justifiable circumstances. To receive credit for the course, the incomplete work must be finished no later than one year from the end of the semester in which it was assigned. A final grade will be assigned when the incomplete work has been finished and evaluated, or when the time limit for completing the work has elapsed. A student receiving an incomplete may NOT re-enroll in the course. A student may petition for a time extension due to extenuating circumstances.

### Withdrawal from Class or the College (W)

A student may withdraw from full-semester classes without a notation being placed on the permanent academic record if the withdrawal is submitted to the Admissions & Records office prior to the end of the fourth week of classes. Withdrawals, between the beginning of the fifth week and the last 25% of semester courses, will be noted on the permanent academic record as "W", providing that the withdrawal is submitted to the Admissions & Records office and the instructor is notified.

A "W" is used for determining progress probation and progress dismissal. No withdrawals are permitted during the last 25% of a course. Under extenuating circumstances (verified cases of accident, illness, or other circumstances beyond the control of the student), a student may petition for withdrawal during the last 25% of a semester course. After consultation

with the instructor and with administrative approval, such withdrawal may be recorded as a "W". Withdrawal deadlines for courses of less than a semester in length (6-week, 9-week, etc.) are shown in the class schedule.

Students may drop classes three different ways: online using e-Services, TES (Telephone Enrollment Services), or in person (with submission of Add/Drop Request form).

**Military Withdrawal:** Military withdrawal occurs when a student who is a member of an active or reserve U.S. military service receives orders compelling withdrawal from courses. Upon verification of such orders, a withdrawal symbol may be assigned at any time during the semester. Contact the Admissions & Records office for more information.

**Leave of Absence:** Students may petition for a leave of absence from the college in order to maintain catalog rights to a specified degree requirement option. A leave of absence may be granted for verified medical or military situations or religious obligation that prevent the student from attending classes in any college session in a calendar year. A leave of absence shall be limited to two successive calendar years.

## Attendance

The college assumes that students will attend every session of a class for which they are registered. If, however, attendance is irregular, students may be dropped from a particular class. It is nevertheless the responsibility of the student, and not the instructor, to process a class drop by using TES (Telephone Enrollment Services), online using e-Services at [www.flc.losrios.edu](http://www.flc.losrios.edu), or in person. Excessive absence is defined as exceeding ten percent (10%) of the total hours of class time. For attendance purposes, the college regards a laboratory session as the equivalent of one class meeting.

Students who are not present at the first class meeting may be dropped by the instructor as a "No Show."

Students may appeal for reinstatement in a class from which they have been excluded because of excessive absences by contacting their instructor.

Veterans who drop below the number of units required by the Veterans Administration for any reason during a semester, including being dropped from a class for excessive absences, will lose part of their government assistance allowances.

## Auditing Courses

Folsom Lake College does not permit auditing, which is defined as attending a course or courses without completing the registration process.

## Good Standing

Both quality of performance and progress toward completion of objectives are considered in determining a student's eligibility to attain or remain in good standing and attendance at a Los Rios college. A student merits good standing only by completing 12 or more semester units with a 2.0 GPA on a 4-point grading scale and by completing 50% or more of all enrolled units.

## Academic Honors

Each semester, honors may be earned by students enrolled in 12 units or more, nine (9) of which must be graded on a letter grade basis exclusive of Credit (CR). Students will be placed on the Honors List if they earn a grade point average of at least 3.0. If they earn a grade point average of 3.5 or better they will be placed on the Highest Honors List.

## Honors at Graduation

Students who maintain a high scholarship average are eligible for honors at graduation. Students who maintain a scholarship average of 3.5 or better are eligible for graduation with highest honors, and students who maintain a scholarship average of 3.0 or better are eligible for graduation with honors. The published lists of students are compiled from the data available at the time of publication and may be subject to subsequent revision.

## Valedictorian

It is the intention of this college to honor those students with the highest scholastic standing, and from those will be selected an individual to deliver a speech known as the valedictory address to his/her fellow classmates on behalf of them. It shall be the policy of this college to select a valedictorian for each commencement exercise. To be eligible for valedictorian, the following criteria must be met:

The valedictorian will be the student with the highest grade point average by the end of the previous fall semester. Grade point average (GPA) will be computed by dividing the total number of grade points by the units attempted within Los Rios Community College District and transferable courses taken outside of Los Rios. The candidates must be in good standing.

Notification of the valedictorian(s) will be made by the college in early April. If a tie exists for valedictorian, there will be shared valedictorians. Valedictorians will be honored in alphabetical order.

The valedictory address will be delivered by the individual selected through a process governed by the Associated Student Government, the Matriculation/Student Success Committee, and upon approval of the College President or his/her designee.

## Probation

There are two types of probation: academic and progress.

**Academic Probation:** A student who has attempted at least 12 units is placed on Academic Probation if the student has earned a grade point average below 2.0.

**Progress Probation:** A student who has enrolled in a minimum of 12 semester units is placed on Progress Probation when "W," "I," and "NC" grades are recorded in one half or more of all units in which a student has enrolled.

**Unit Limitation:** A student on either Academic or Progress Probation may be limited to 12 units plus a physical education activity course, or to a maximum load recommended by the student's counselor.

**Removal from Probation:** A student on Academic Probation is removed from probation and achieves good standing when the student's cumulative grade point average is 2.0 or higher.

A student on Progress Probation is removed from probation and placed in good standing when the "W," "I" and "NC" units drop below one half.

Any changes or updates to Los Rios Board policy can be obtained at this website: [www.losrios.edu/legal/GCpolreg.htm](http://www.losrios.edu/legal/GCpolreg.htm)

**Computations:**

$$\frac{\text{Grade Point Average}}{\text{Average}} = \frac{\text{Total Grade Points Earned (divided by)}}{\text{Total Units Attempted with letter grade}}$$

$$\frac{\text{Progress Percentage}}{\text{Percentage}} = \frac{\text{Total Units with "W", "I" and "NC" (divided by)}}{\text{Total Units Enrolled}}$$

**Dismissal**

**Academic Dismissal:** A student on Academic Dismissal is subject to dismissal when the student earns a cumulative grade point average of less than 2.0 in all units attempted in each of three consecutive semesters.

**Progress Dismissal:** A student on Progress Dismissal is subject to dismissal if one half or more of the units in which the student has been enrolled have recorded entries of "W", "I" and "NC" in at least three consecutive semesters.

**Appeal Option:** A dismissed student may appeal to the Vice President of Student Development and Enrollment Management for permission to enroll if the student feels that extenuating circumstances caused the dismissal. It is the student's responsibility to detail those circumstances in writing on a petition for readmission after dismissal and meet with a counselor.

Any changes or updates to Los Rios Board policy can be obtained at this website: [www.losrios.edu/legal/GCpolreg.htm](http://www.losrios.edu/legal/GCpolreg.htm)

**Academic Renewal without Course Repetition**

Previous substandard work ("D" or "F") earned at Folsom Lake College may be discounted at the student's request if it meets certain criteria. Courses and grades that no longer reflect the student's current educational objective and current level of academic success may upon petition be discounted in the computation of the grade point average. The following conditions must apply:

- No more than 30 units of substandard grades may be discounted.
- A minimum of 12 units must be earned with "C" grades or better at any Los Rios college.
- A minimum of three semesters must have elapsed between the time the substandard grades were earned and the 12 units of "C" or better grades were earned.
- Current educational objectives must be discussed with a counselor, whose recommendation must be included on the petition.
- Under no circumstances may coursework be discounted if it has been granted to fulfill degree requirements.
- All grades will be recorded on the student's permanent record and transcripts. Specific grades that have been discounted from the grade point average will also be noted on the transcript.
- Once elected, Academic Renewal cannot be reversed.

**Course Repetition**

Generally, each course may be taken only once. There are five exceptions:

- A student may repeat, only once, a course that was taken in which a substandard grade was received. A student may not repeat a course in which he/she earned an Incomplete ("I"). Substandard grade is defined as "D", "F", or "NC." The grade and credits earned in the second enrollment shall be used exclusively in determining the grade points earned for that particular course.
- The college finds that the student's previous grade is, at least in part, the result of extenuating circumstances. Extenuating circumstances are verified cases of accidents, illness, or other circumstances beyond the student's control. Grades awarded for courses repeated under this circumstance shall not be counted when calculating a student's grade point average.
- The college recommends that a student repeat a course because there has been a significant lapse of time since the student previously took the course. Grades awarded for courses repeated under this circumstance shall not be counted when calculating a student's grade point average.
- Courses designated as "repeatable" are those listed as such in the college catalog and are designed to enhance students' skills or performances through supervised repetition.
- Students may repeat courses needed to meet a legally mandated training requirement as a condition of continued paid or volunteer employment.

**Transcripts**

Students who desire transcripts of their academic record must submit a written request to the Admissions & Records office indicating the student's name used while attending, SSN or Student ID number, and the number of transcripts requested, and name and address of the designated recipient. Transcripts are provided only in response to a written request from the student. Official transcripts will be mailed directly to the designated recipient. Request forms can be found online or in the Admissions & Records office.

Any coursework completed prior to Summer 2003 will be reflected on a Cosumnes River College official transcript. Coursework completed at FLC beginning Summer 2003 will be reflected on an FLC official transcript.

The Admissions & Records office will send the first two official copies of a student's Folsom Lake College transcript to any college or university without charge. Additional copies may be obtained for \$2 each. There is a \$10 fee for a 24-hour rush request for an official transcript. Unofficial transcripts can be viewed and printed by accessing Los Rio e-Services.

**Catalog Rights**

For purposes of graduation from any of the colleges of the Los Rios district, students who remain in attendance in one regular session (quarter, semester, or summer session) at any California community college, or any combination of California community colleges, campuses of the California State University, the University of California, or any accredited institution of higher education, may elect to meet the requirements in effect at the Los Rios college from which the student intends to graduate, in one of three ways:

1. Requirements in effect at the time of admission to a Los Rios college, or

2. Requirements in effect at the time the student originally enrolled in an accredited college or university, or
3. Requirements in effect at the intended date of graduation from a Los Rios college.

Please note:

- A college may authorize or request substitution for discontinued courses.
- Students changing 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 (i.e. quarter semester or summer session) in each calendar year. Absence for attendance at another accredited institution shall not be considered an interruption in attendance.

### Final Examinations

The college requires final examinations in all courses. The college publishes a time schedule for final examinations early in each semester so students may be notified in sufficient time regarding the examination schedule.

### Change of Address/Name

Students must report a change of address immediately to the Admissions & Records office (or submit the change online via e-Services at [www.losrios.edu](http://www.losrios.edu)). Folsom Lake College cannot be responsible for misdirected mail if the address change is not provided by the student.

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 marriage license, court documents, or naturalization papers) is required in order to verify a legal name change.

Students can submit birth date and social security number corrections to the Admissions & Records office along with proper documentation (official birth certificates, social security verification, etc.). Contact the Admissions & Records office for additional information.

# Alternative Credit/Study Options

In addition to regularly scheduled credit classes, students may receive college credit for participation in the following alternative credit and study options:

## Advanced Placement Tests

Folsom Lake College grants credit towards its degrees for examinations successfully completed through the College Board Advanced Placement (AP) program. A student who meets the following requirements may receive credit for exams successfully passed:

- Be currently enrolled in a course other than the one in which the student is petitioning for Advance Credit.
- Be in good standing, which is defined as having completed at least 12 units of credit classes and having a 2.0 GPA.

These requirements may be waived by petition under special circumstances. A maximum of 15 units may be earned by examination. AP scores may be requested from Educational Testing Service (ETS) and must be sent to Folsom Lake College to receive credit. Exams passed with an acceptable score will receive three (3) semester units of credit, except where otherwise noted. The student should be aware that there is no guarantee that an individual transfer institution will accept these scores. Students should see their counselor for further information on particular transfer institutions' policies. To request scores write: AP Exams, PO Box 6671, Princeton, NJ 08541-6671 or call (888) 225-5427.

Examination	Score	Credit allowed
Art-Drawing	3	3 units of ART 300
Art-General	5	3 units of ARTH 300
Art-General	5	3 units of ARTH 309
Art-General	5	3 units of ARTH 311
Art-General	4	3 units of ARTH 300
Art-General	4	3 units of ARTH 309
Art-General	3	3 units of ARTH 300
American History	3+	3 units of HIST 312
American History	3+	3 units of HIST 313
Politics & Government	3+	3 units of HIST 312
Politics & Government	3+	3 units of HIST 313
Biology	4+	5 units of BIOL 400
Biology	3	5 units of BIOL 310
Chemistry	3+	5 units of CHEM 400
Chemistry	3+	5 units of CHEM 401
English Language & Composition	4+	3 units of ENGWR 300
English Literature & Composition	4+	3 units of ENGWR 301
Foreign Languages	3+	8 units in area/subject 401/402
Mathematics AB	3+	5 units of MATH 400
Calculus AB	3+	5 units of MATH 400
Calculus BC	3	5 units of MATH 400
Calculus BC	4+	10 units of MATH 400 & 401
Statistics	3+	4 units of STAT 300

Credit/units will be used when evaluating an A.A. or A.S. degree, but grades are not awarded. Credit *may not* be posted to the FLC transcript for courses that duplicate the credit already allowed for AP exams. **Students are encouraged to meet with a counselor for more information.**

Credit may vary from year-to-year as requirements and AP exams change. Scores of 2 or less are not granted units in any of the areas.

The following English credit guidelines indicate the credit likely to be given and are subject to change: For English, passing the Advanced Placement Language and Composition test with a score of 4 or higher will earn the student credit for English Writing 300. Passing the Literature and Composition test with a score of 4 or higher will earn the student credit for English Writing 301, with the proviso that if only the Literature and Composition is passed, credit will not be extended until the requirements for English Writing 300 have been met. If both the Lit/Comp and the Lang/Comp are passed with a 4 or higher, six units of credit will be awarded.

## College-Level Examination Program (CLEP)

### General Examination

After completing 12 units at Folsom Lake College or its centers, a student in good standing may submit scores on General Examinations, from the College Level Examination Program (CLEP) to the Admissions & Records office for college credit evaluation. A maximum of 30 units of credit may be granted toward completion of the general education requirements with the exception of the English requirement. No credit is granted for CLEP Subject Examinations. Scores must be at least in the 50th percentile. Students should be aware that some two-year and four-year colleges have the right to accept, modify, or reject the CLEP units. Students should meet with a counselor for more information on the CLEP.

### Credit by Examination

A student who meets the following requirements may take an examination to establish credit (these requirements may be waived by petition under special circumstances):

- Completed 12.0 units at Folsom Lake College with a minimum GPA of 2.0.
- Be currently enrolled in a course other than the one in which the student is petitioning for Credit by Examination.
- Be in good standing (not on academic or progress probation).
- AND qualified by experience or previous training.

A maximum of 15 units may be earned through Credit by Exam. Credit by examination is not applicable to all courses. Eligibility for Credit by Exam is **NOT** permissible under the following situations:

- Student has completed or enrolled in a more advanced course, which follows this course in sequence.
- An examination for the same course was previously taken and not successfully passed.

- Examination would duplicate coursework for which credit was granted previously.
- Student does not meet the prerequisite or corequisite for the course.

Any student wishing to qualify for Credit by Examination must initiate a request for such credit with the appropriate instructor. If a Credit by Examination is approved, the examining instructor will determine the scope and form of the test to be taken by the student.

Students who pass the examination will receive credit ("CR" notation) which the college identifies under the notation "Credit by Examination" on the transcript. Students will be charged the appropriate per unit fee for units granted through the credit by examination process. Fees are waived for students covered under formal articulation agreements.

Appropriate Credit by Examination fees must be paid when the petition for Credit by Examination is submitted. For California residents, this is equivalent to the general enrollment fee. Nonresident and international students must also pay the appropriate nonresident or international student tuition.

The college does not include this pass grade in computing the student's grade point average.

**Please note that some 4-year colleges and universities do NOT accept units granted through Credit by Examination. Students are encouraged to meet with a counselor for more information.**

## Credit for Military Service

Credit for military service is granted upon presentation of papers showing honorable discharge from and active duty of one year or more in the United States armed forces. A veteran may receive four (4) units of elective credit by submitting a copy of the DD214 separation papers and a petition. Under rare circumstances, veterans may also receive credit for satisfactory training completed in service school.

After enrolling at FLC, a veteran may apply for evaluation of military service experience for college credit. A copy of the veteran's DD214 separation paper MUST be submitted at the Admissions & Records office and a petition completed after the first semester of attendance. Credit granted for military service is based on *A Guide to the Evaluation of Educational Experiences in the Armed Services*, published by the American Council on Education.

Students in the six-month reserve training program are not eligible for military credit. This is in accordance with the recommendation of the American Council on Education.

## Self-Paced Learning

### Online Instruction

Folsom Lake College offers instruction via the Internet. Learning opportunities using this medium will come in two modes. In the first, all or most course instruction takes place online through the use of materials and activities posted on an Internet site. In the second mode, the instructor of a class that meets face-to-face in the traditional way may use the Internet to post learning materials, resources and assignments, as well as provide individual contact with students through email or other electronic means. Registration and rules governing these courses are the same as those of traditional in-class courses. For information about orientation dates and times, announcements, syllabus and assignments, see the website at: [www.flc.losrios.edu/~csonline](http://www.flc.losrios.edu/~csonline).

**Online Classes With Web Support:** Taking an online course requires self-directed study, motivation, and the ability to independently complete course assignments on schedule. Online courses are full-semester, 18-week courses. Basic Internet skills and access to a computer are necessary to take an online course.

Online coursework can be completed at home or in the Library/Personal Learning Environment (PLE) during regular PLE hours. Students must attend the mandatory on-campus orientation session to get complete information about the course. All testing will be conducted on the campus. Students are expected to attend these on-campus tests at the days and times listed for the course. The days and times for testing and other course information can be obtained from the websites for each course. Full course descriptions can be found in the college catalog under the heading for that course discipline.

**Online Computer Application and Office Technology Courses:** The online program offered by the Computer Information Science and Business departments offers classes in computer application and office skills courses in an online format. This program is housed in the computer lab at the Rancho Cordova Center (RCC) and the Personal Learning Environment (PLE) at Folsom Lake College (FLC). Students can choose from a selection of computer application courses and office skills courses that can lead to a variety of Degrees or Certificates.

Students will use a combination of instructional software, text materials, and instructor support to complete their coursework. They can work at their own pace either at home or in the computer lab. Students can enroll any time throughout the semester up until the end of the eleventh week. Students may finish their course as soon as they have completed the course requirements, but they must finish by the end of the semester. Anyone enrolled in a course can work in the labs during any of the hours that the labs are open. An online orientation for this program is available. For information about the orientation, announcements, syllabus and assignments, see the website at: [www.flc.losrios.edu/~bustec](http://www.flc.losrios.edu/~bustec).

### Televised Instruction

Folsom Lake College's televised instruction provides a different way for students to take courses toward an Associate Degree, certificate, or transfer. Taking the courses at home or at a convenient outreach center can save time, money, and transportation or childcare costs. Folsom Lake College offers two types of televised instruction:

#### **Live Interactive Classes from Folsom Lake College:**

The instructor lectures live at Folsom Lake College (FLC) and interacts with distant students via two-way audio-video. Students participate in rooms at FLC, the El Dorado Center (EDC), the Rancho Cordova Center (RCC), and at home by viewing a cable channel in Sacramento and El Dorado counties. Cable students can interact with the instructor during the lecture by phone. The center rooms are wired for direct contact with the instructor. Testing will be done at either FLC, EDC, or RCC. For more information, visit: [www.flc.losrios.edu/~ity](http://www.flc.losrios.edu/~ity).

All distance education courses are held to the same academic rigor that applies to on-campus courses. Students must attend the first class meeting in-person or by watching the course on cable. The first class meeting is when students will receive the information about the course and get the initial course handouts and syllabus. Full course descriptions can be found in this schedule under the heading for that course discipline.

For technical assistance with these courses contact:

FLC Coordinator (916) 608-6610

EDC Coordinator (530) 642-5687

## Directed Studies

Students who are enrolled in regular catalog courses at Folsom Lake College and are in good standing may pursue their studies and research beyond courses listed in the college catalog by enrolling in one of the following "**Directed Studies**" options: Independent Study or Special Study. Both options require regular meetings between student and instructor; additionally, the instructor may require examinations or other measures of evaluation, field trips, term papers, and other assignments.

Students may petition to enroll in one (1) to three (3) units in a single department per semester, with a maximum of six (6) units of directed studies allowed per semester. A maximum of twelve (12) units of directed studies is allowed toward graduation requirements. Students can normally expect to successfully accomplish only one such project per semester, as one (1) unit of credit represents approximately 54 hours of work.

**(NOTE: Units taken in either Independent or Special Study may not be transferable; the student should consult a counselor regarding a specific college or university's acceptance of these units.)**

**Independent Study:** An opportunity for the student to extend classroom experience in a specific subject while working independently of a formal classroom situation. Independent Study is an extension of work offered in a specific course already in the college catalog; it carries the same credit and hour value as the course being extended. To be eligible for Independent Study, students must have completed the existing regular catalog course at Folsom Lake College. Only one Independent Study for each catalog course will be allowed.

**Special Study:** An opportunity to pursue a study of special interest that is not specifically covered in established catalog courses. Such study is confined to the scope of collegiate lower division and community college programs. While enrollment in Special Study may be on an individual basis, from time to time a Special Study may be established to satisfy the needs of a particular group, offered on a scheduled basis for enrollment through the regular registration process. To qualify for Special Study, the student should have completed college courses basic to the study, or have had actual field experience or special training in the field of study.

**Application:** To apply for Independent or Special Study a student first discusses the proposed study with the instructor who will supervise the study and with the appropriate instructional dean. The student then completes a petition and course description form (available in Admissions & Records) with the assistance of the supervising instructor, who will process the petition. Petitions should be filed prior to the end of the first nine-week classes (See Academic Calendar). If the petition receives final approval, the student is registered in the course and receives a grade as in any regularly scheduled course.

## Study Abroad Programs

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, the Los Rios Community College District offers unique study opportunities in cities such as London, England; Madrid, Spain; Paris, France; and Florence, Italy.

For more information on how to apply for Study Abroad programs, call the Study Abroad Office at (916) 691-7187 or visit the website at [www.partnershipcenter.com](http://www.partnershipcenter.com).

## Cooperative Work Experience and Internships

**Cooperative Work Experience Education (CO-OP)** is an academic program in which students apply what they have learned in the classroom to their job or internship site, and work toward earning college credits. There are two types of programs: vocational and general.

**Vocational Work Experience** provides students with opportunities to develop or add marketable skills related to their vocational study programs.

*Eligible students must:*

- Be working in a paid or non-paid job or internship. Students who do not have a job or internship and would like assistance should contact the Cooperative Work Experience Education Office. Students must have a cooperating employer by the end of the third week of the semester to remain in the program.
- Be enrolled in a minimum of 7 units during the semester (may include CO-OP units) or qualify for the "Returning Student" status.
- With employer's assistance, establish new on-the-job skills that will be documented.
- Attend a one-hour weekly workforce development class or qualify for the "Returning Student" status. However, attendance is required for everyone for the first three orientation sessions.
- Register for 1, 2, 3, or 4 units. One unit of credit may be earned for each 75 hours of paid work experience or for 60 hours of non-pay experience. A total of 16 units may be earned in Vocational Work Experience.
- Students working in their college majors and taking, or have taken, a course in that area should enroll in that area's work experience class (e.g. a teacher's aid should enroll in Human Services 498 and a sales clerk should enroll in Business 498).

Interested students may earn college credit in the following majors:

Accounting  
 Administration of Justice  
 Automotive Mechanics Technology  
 Business  
 Communications Media  
 Computer Information Science  
 Construction Management Technology  
 Early Childhood Education  
 Environmental Technology  
 Fire Technology  
 Horticulture  
 Human Services  
 Management  
 Marketing  
 Photography  
 Theatre Arts

**CO-OP has two different ways to qualify for the program:**

*New (First-time) Students:*

- A. You must be enrolled in no fewer than 7 units including CO-OP.
- B. You are working a paid or non-paid job or internship.
- C. You must attend the class that meets each week. This class will cover workforce/career transition issues.
- D. Your grade and units are earned based on your performance in the workplace (developing new skills) and classroom assignments.

*Returning Students:*

- A. You have completed 7 units at a community college or four-year institution in California.
- B. You are working a paid or non-paid job or internship.
- C. No class attendance is required for this program except for the first three "orientation" sessions. However, you must establish new on-the-job skills with your employer and complete the necessary forms.
- D. Your grade and units are earned based on your work performance and outside homework assignments that emphasize career transition.

**General Work Experience:** General work experience education assists students in learning about the world of work and is open to all students *regardless* of major or job. Like vocational work experience, it is designed for students wanting to apply skills learned in the classroom to their actual job.

College credit (1-3 units) will be earned for working in the students' current job per semester. No more than six units may be earned in the program. One unit of credit may be earned for each 75 hours of paid work experience or for 60 hours of volunteer experience. Students must have a cooperative employer by the end of the third week of the semester to remain in the program.

**Eligible students must meet all requirements listed for Vocational Work Experience Credit above and register for "General Work Experience" (Work Experience 198), rather than Cooperative Work Experience courses.**

For more information, call (916) 568-3100, extension 15157.

# Graduation Requirements

## Degree and Certificate Programs

Folsom Lake College offers certificate and degree career curricula to students planning to enter occupations directly upon completing their work at a community college. The college also offers two-year general education curricula for students who do not seek intensive training for specific jobs but rather desire to broaden their cultural backgrounds or become more effective citizens and/or parents. Many four-year institutions will give partial or full credit for courses in these areas completed with acceptable grades; however, these courses are not specifically designed for students planning to transfer to four-year institutions.

**Degree Programs:** Students majoring in a two-year curriculum and planning to graduate with the Associate in Arts or Science degree must comply with the graduation requirements listed in this catalog. Candidates for graduation must file a petition for graduation.

Check the Academic Calendar in this catalog and class schedules for the last date to file for graduation.

**Certificate Programs:** Folsom Lake College can help students get the training needed to qualify for a well-paying job with room for advancement. Career education vocational programs are offered in areas that employers need. Certificate programs have been developed to assist those already employed in business and industry or those who desire to upgrade their skills or acquire specialized training. Areas of vocational (occupational) education include technical and industrial trades, health occupations, business and finance, electronics and computer sciences, police and fire science, building and landscaping trades, and many others. FLC has up-to-date equipment and facilities and vocational instructors who are experts in their fields. Depending on the occupation selected, training may take from six months to two years. Students may further their education by pursuing an Associate degree or fulfilling university transfer requirements. Upon fulfillment of required courses, students can meet with a counselor to petition for certification.

Although some equivalent course work at other accredited institutions might apply toward a Certificate of Completion, a grade of "C" is required in each course leading to a certificate. A minimum of twelve (12) units must be completed at Folsom Lake College or its centers. Certificate programs which are scheduled for fewer than twelve (12) units may be completed by satisfying the certificate program requirements.

## Commencement Exercises

All students expecting to graduate or transfer to a four-year college/university with an associate's degree must complete a petition for graduation available in the Counseling Office by the date set forth in the academic calendar.

Students may graduate at the end of the fall semester, end of the spring semester, or end of the summer session. Because commencement ceremonies are held only once a year in May, students who will complete their degree requirements during the following summer may attend the May commencement ceremonies with special arrangements made through Admissions & Records office. Those who complete their Associate in Arts or Associate in Science degree or transfer requirements in fall or spring are encouraged to attend the May ceremonies.

# Associates Degree Graduation Requirements

## 2006 - 2007 Folsom Lake College Associates Degree Graduation Requirements

Student Name \_\_\_\_\_

Student ID# \_\_\_\_\_

Requirements for the Associates Degree are outlined as follows. **Minimum Graduation Requirements:**

**A.** Satisfactory completion of 60 units of collegiate work with a "C" (2.0) grade point average in a curriculum that the district accepts toward the degree. At least 12 units must be earned at Folsom Lake College.

**B. MAJOR** – Complete one of the following:

- One of the degree programs listed in the Catalog with a minimum of a "C" grade in each course used for the major.
- The California State University General Education transfer curriculum (CSU-GE/Breadth) or the Inter-segmental General Education Transfer Curriculum (IGETC). (Note: English Writing 300 required.)
- The lower-division general education requirements of an accredited 4-year college or university. (Note: Students should see a counselor before completing this option.)

**C. GENERAL EDUCATION** - Complete the following (21 units minimum) C=completed, IP=in progress, N=needed

	C	IP	N
<b>1. NATURAL SCIENCES</b> (3 units minimum) selected from: Anthropology 300; Astronomy 300; Biology 300, 307, 310, 350, 400, 410, 420, 430, 440; Chemistry 305, 306, 400, 410, 420, 421; Environmental Technology 304; Geography 300; Geology 300, 305, 310, 330, 342, 345, 351; Horticulture 300, 302; Natural Resources 302, 304, 320; Physical Science 302; Physics 310, 311, 350, 411; Psychology 312			
Course from another college: _____ College Name: _____			
<b>2. SOCIAL AND BEHAVIORAL SCIENCES</b> (3 units minimum) selected from: Anthropology 310, 320, 330; Business 320, 330, 345; Communications Studies 325, 341; Communications Media 300; Economics 302, 304, 320; Geography 310; Gerontology 300; History 307, 308, 344; Journalism 310; Philosophy 360; Political Science 302, 310; Psychology 300, 320, 351; Sociology 300, 301, 321, 335			
Course from another college: _____ College Name: _____			
<b>3. AMERICAN INSTITUTIONS</b> (3 units minimum) selected from: History 312, 313, 314, 331; Political Science 301			
Course from another college: _____ College Name: _____			
<b>4. HUMANITIES</b> (3 units minimum) selected from: Architecture 310; Art History 300, 303, 309, 311, 312, 326, 332; Art 300, 304, 307, 320, 323, 370, 372, 430; Communications Media 305; Early Childhood Education 361; English Writing 301; English Literature 303, 310, 311, 320, 321, 339, 340, 341, 345, 360, 370, 402; French 101, 102, 401, 402, 411; Humanities 300, 310, 320, 332, 334, 340; Music Fundamentals, History & Literature 300, 310, 330, 400, 401; Music Specializations 370; Philosophy 304, 310, 330, 331, 338, 350, 352, 356; Photography 301, 425; Sign Language 305, 306, 315; Spanish 101, 102, 401, 402, 411, 412; Theater Arts 300			
Course from other college: _____ College Name: _____			
<b>5. LANGUAGES AND RATIONALITY</b> (6 units minimum) Select at least 3 units from (a) and at least 3 units from (b): (a) English Composition selected from: Business 310; English Writing 101, 103, 124, 300; English Education 305 Course from other college: _____ College Name: _____ (b) Communication and Analytical Thinking selected from: Accounting 101, 301; Communications Studies 301, 311, 315, 331, 361, 363; Computer Information Science – Programming 350, 360, 400; English Writing 302; English Creative Writing 400, 410, 420, 430; Journalism 300; Management 360; Mathematics 100, or higher level mathematics course; Philosophy 300, 320, 325, 328; Psychology 330, 335; Statistics 300 Course from other college: _____ College Name: _____			
<b>6. LIVING SKILLS</b> (3 units minimum) selected from: (a) Any physical education activity course with a Dance, Fitness, Individual Activities, or Team Activities designation, totaling at least one unit. <b>Students with medical excuses on file</b> may enroll in Adapted Physical Education, or be exempt from the physical education activity course requirement. Students receiving an exemption for any reason must complete a minimum of 3 units under (b) of this section <b>AND</b> (b) Completion of a minimum of two units selected from the following: Business Technology 302; Computer Information Science – Core 300; Communications Studies 321; Early Childhood Education 350, 415; English Education 320; Family and Consumer Science 312, 314, 322, 324; Gerontology 300; Health Education 300, 350; Human/Career Development 310, 330, 335; Human Services 302; Library 318; Nutrition and Foods 300, 320; Physical Education Theory 301, 410; Psychology 354, 356, 372, 358; Sociology 310, 335; Work Experience 198, 298, 498 <b>OR</b> (c) Military Service Credit (Honorable discharge) with minimum of one (1) year active duty service. Submit copy of DD 214 to Admissions and Records Office. Course(s) from other college(s): _____ College Name: _____			

Course from another college: \_\_\_\_\_ College Name: \_\_\_\_\_

- 2. SOCIAL AND BEHAVIORAL SCIENCES** (3 units minimum) selected from:  
 Anthropology 310, 320, 330; Business 320, 330, 345; Communications Studies 325, 341; Communications Media 300; Economics 302, 304, 320; Geography 310; Gerontology 300; History 307, 308, 344; Journalism 310; Philosophy 360; Political Science 302, 310; Psychology 300, 320, 351; Sociology 300, 301, 321, 335

Course from another college: \_\_\_\_\_ College Name: \_\_\_\_\_

- 3. AMERICAN INSTITUTIONS** (3 units minimum) selected from:  
 History 312, 313, 314, 331; Political Science 301

Course from another college: \_\_\_\_\_ College Name: \_\_\_\_\_

- 4. HUMANITIES** (3 units minimum) selected from:  
 Architecture 310; Art History 300, 303, 309, 311, 312, 326, 332; Art 300, 304, 307, 320, 323, 370, 372, 430; Communications Media 305; Early Childhood Education 361; English Writing 301; English Literature 303, 310, 311, 320, 321, 339, 340, 341, 345, 360, 370, 402; French 101, 102, 401, 402, 411; Humanities 300, 310, 320, 332, 334, 340; Music Fundamentals, History & Literature 300, 310, 330, 400, 401; Music Specializations 370; Philosophy 304, 310, 330, 331, 338, 350, 352, 356; Photography 301, 425; Sign Language 305, 306, 315; Spanish 101, 102, 401, 402, 411, 412; Theater Arts 300

Course from other college: \_\_\_\_\_ College Name: \_\_\_\_\_

- 5. LANGUAGES AND RATIONALITY** (6 units minimum) Select at least 3 units from (a) and at least 3 units from (b):  
 (a) English Composition selected from: Business 310; English Writing 101, 103, 124, 300; English Education 305

Course from other college: \_\_\_\_\_ College Name: \_\_\_\_\_

- (b) Communication and Analytical Thinking selected from:

Accounting 101, 301; Communications Studies 301, 311, 315, 331, 361, 363; Computer Information Science – Programming 350, 360, 400; English Writing 302; English Creative Writing 400, 410, 420, 430; Journalism 300; Management 360; Mathematics 100, or higher level mathematics course; Philosophy 300, 320, 325, 328; Psychology 330, 335; Statistics 300

Course from other college: \_\_\_\_\_ College Name: \_\_\_\_\_

- 6. LIVING SKILLS** (3 units minimum) selected from:

- (a) Any physical education activity course with a Dance, Fitness, Individual Activities, or Team Activities designation, totaling at least one unit. **Students with medical excuses on file** may enroll in Adapted Physical Education, or be exempt from the physical education activity course requirement. Students receiving an exemption for any reason must complete a minimum of 3 units under (b) of this section **AND**

- (b) Completion of a minimum of two units selected from the following: Business Technology 302; Computer Information Science – Core 300; Communications Studies 321; Early Childhood Education 350, 415; English Education 320; Family and Consumer Science 312, 314, 322, 324; Gerontology 300; Health Education 300, 350; Human/Career Development 310, 330, 335; Human Services 302; Library 318; Nutrition and Foods 300, 320; Physical Education Theory 301, 410; Psychology 354, 356, 372, 358; Sociology 310, 335; Work Experience 198, 298, 498 **OR**

- (c) Military Service Credit (Honorable discharge) with minimum of one (1) year active duty service. Submit copy of DD 214 to Admissions and Records Office.

Course(s) from other college(s): \_\_\_\_\_ College Name: \_\_\_\_\_

**D. ETHNIC/MULTICULTURAL STUDIES REQUIREMENT** – Students must fulfill a 3-units Ethnic/Multicultural Studies course requirement. (Most of these courses may also be used to meet General Education requirements.) Courses which satisfy this requirement are:  
 Anthropology 310, 330; Art History 332; Business 330; Communications Studies 325; Early Childhood Education 430; English Literature 340, 345, 360; Geography 310; History 308, 344; Music Fundamentals, History and Literature 330; Philosophy 352; Sociology 321.

Course from other college: \_\_\_\_\_ College Name: \_\_\_\_\_

**E. GRADUATION COMPETENCY REQUIREMENTS** – Demonstrate college-level competence in reading, in written expression, and in mathematics. Competency in Basic Skills is satisfied by completing the following:

1. **READING COMPETENCY** – Satisfactorily passing a college level reading examination, or passing English Reading 112 with a "C" grade or better. Students who possess an A. A. degree or higher shall be deemed competent in reading.

2. **WRITTEN EXPRESSION COMPETENCY** – Completion, with a grade of "C" or better, English Writing 101, 103, 124, 300; Business 310, or an equivalent course from another accredited college.

Course(s) from other college(s): \_\_\_\_\_ College Name: \_\_\_\_\_

3. **MATHEMATICS COMPETENCY** -- Completion, with a grade of "C" or better, Mathematics 100 or a higher level mathematics course; Psychology 330; Statistics 300 **OR** Obtaining a satisfactory score on a mathematics assessment.

Course(s) from other college(s): \_\_\_\_\_ College Name: \_\_\_\_\_

# Degrees and Certificates

In January 2004, Folsom Lake College (FLC) received initial accreditation and became the fourth college in the Los Rios Community College District. At the same time, El Dorado Center and Rancho Cordova Center became centers of Folsom Lake College. As directed by the Academic Services Division, California Community Colleges, a one-time-only Memorandum of Understanding regarding the contents of the 2004-2005 Catalogs for Folsom Lake College and Cosumnes River College was signed by Folsom Lake and Cosumnes River College officials representing faculty and administration.

The initial catalog for Folsom Lake College included curriculum specifically approved for Folsom Lake College, in addition to curriculum from the 2003-2004 Cosumnes River College Catalog that had been taught at Folsom Lake prior to the separation of the institutions in January 2004.

Requirements are identified for each vocational and general education program and, for most, a course sequence is suggested. The courses required in a program must all be completed to earn the degree or certificate, regardless of the order in which they are completed. Courses not offered at Folsom Lake College may be taken at other Los Rios Community College District colleges.

## Degrees

### Accounting (AA)

### Administration of Justice (AA)

- Correctional Science (AA)

### Art

- Studio Art (AA)
- Design (AA)
- Art History (AA)

### Biology

- Biological Sciences (AS)

### Business

- Administrative Assistant (AA)
- Business: General (AA)
- Business: General, Transfer (AA)
- Small Business Management/Entrepreneurship (AA)

### Communication Studies

- Organizational Communication (AA)

### Computer Information Science

- Computer Science (AS)

### Early Childhood Education (AA)

- ECE Site Supervisor (AA)

### English (AA)

### Finance (AA)

### General Education - Transfer (AA)

### Geology (AS)

### Human Services

- General (AA)
- Gerontology (AA)

### Interdisciplinary Studies

- American Studies (AA)
- Humanities (AA)
- Women's Studies (AA)

### Liberal Studies for Elementary Education (AA)

### Management (AA)

### Marketing (AA)

### Mathematics (AS)

### Physics (AS)

### Psychology (AA)

### Real Estate (AA)

### Science, General (AS)

### Social Science (AA)

## Certificates

### Accounting

- Accounting - Advanced
- Accounting Clerk
- Accounting - Computer Applications

### Administration of Justice - Correctional Science

### Business

- Office Assistant
- Office Technician
- Small Business Management/Entrepreneurship

### Communication Studies

- Applied Communication Skills

### Computer Information Science

- Computer Programmer SQL
- Database Analyst SQL
- Internet Programming
- Programming

- Relational Database Administration
- Web Programming
- Web Publishing
- Windows Programming

### Early Childhood Education

- Assistant Teacher
- Associate Teacher
- Early Childhood Education Teacher
- Family Child Care
- Infant Specialist
- Master Teacher
- Site Supervisor
- School Age Specialist

### Graphic Communication

- Web/Graphics Production

### Human Services

- General
- Gerontology
- Home Caregiver

### Management Information Systems

- Application Analyst
- Application Data Entry
- Application Technician
- E-business Infrastructure
- Information Processing

### Real Estate

- Broker
- Sales

# Transfer Information

## Transfer to California State University, University of California, and Private Colleges

Students planning to transfer to a California university should plan a program to meet the admissions and graduation requirements of the specific institution that they plan to attend. Transfer admission eligibility is based on transferable college units and/or high school record(s) and test scores. Each institution has its own requirements for admission and for junior standing. To prepare for transfer, students must decide which school they will attend and consult a counselor for the specific requirements for that particular institution and to create a written educational plan.

**California State University System – Eligible for CSU Admissions after High School:** Students who were eligible for admission to a CSU when they graduated from high school, but decided to attend a community college, can transfer to some CSUs at any time as long as a 2.0 grade point average or better for all transferable coursework completed at the community college is maintained. High school eligibility is based on test scores, grade point averages, and completion of specific subject area requirements.

**Community College Transfer:** Students who were not eligible for admission to a CSU when they graduated from high school may be eligible once they have completed a minimum of 60 transferable units with a 2.0 grade point average or better (2.4 for international or non-resident students) and the following additional requirements:

- Complete Area A, sections 1, 2, and 3 (“C” grade or better for each course)
- Area B, section 4 (“C” grade or better)
- A minimum of 30 semester units of general education with a 2.0 grade point average. This includes items A and B listed above.

GPA requirements are higher for more competitive campuses or majors. Students are highly encouraged to complete lower-division preparatory courses for their major as required by the CSU of their choice, in addition to general education-breadth requirements, and graduation requirements. Lower-division major requirements can be obtained from ASSIST ([www.assist.org](http://www.assist.org)), the official state-wide repository for transfer and course articulation information.

The CSU will accept a maximum of 70 transferable semester units completed in the community colleges. FLC students should meet with a counselor once a semester to plan appropriate course selection.

### Lower-Division Transfer Patterns (LDTP)

The Lower-Division Transfer Pattern (LDTP) project, sponsored by the California State University (CSU) and supported by the California Community Colleges, presents potential transfer students with the most direct path to a bachelor’s degree in the CSU system. The LDTP project provides a set of “road maps” for students to follow that will ensure appropriate academic preparation and that will decrease time to graduation once LDTP students enter the CSU. Students may enter into an LDTP agreement up to the time they have completed 45 transferable units. Students who elect to follow the LDTP option will receive the highest priority for admission to a CSU campus.

“Highest priority for admission” is defined as a written guarantee of admission to a particular CSU campus and major, and it goes into effect when both the student and the CSU campus ratify an LDTP agreement. The guarantee is subject both to satisfactory completion of the agreement requirements and to the campus’s ability to accommodate the student. Students will be asked to complete successfully a specified set of general education courses and major courses that will be common to all CSU campuses offering that major, and they will be asked to complete successfully an additional set of courses identified by the particular CSU campus named in

the LDTP agreement. The coursework in the systemwide and campus-specific LDTP pattern will total at least 60 units, the number needed to transfer to CSU as an upper-division student. Through CSUMentor and ASSIST, students and counselors will be able to find road maps detailing coursework preparation by CSU campus and major.

Please contact an FLC Counselor for additional information about the LDTP program.

### University of California System - Eligible for UC Admission after High School:

Students who were eligible for admission to the university when they graduated from high school (meaning they satisfied the Subject, Scholarship, and Examination Requirements) are eligible to transfer if they have a “C” (2.0) average in transferable coursework.

**Community College Transfer:** Students who met the Scholarship Requirement, but not the Subject Requirement must take transferable college courses in the missing subjects earning a “C” or better in each required course, and have an overall “C” average in all transferable coursework to be eligible to transfer.

Students who met the Scholarship Requirement, but not the Examination Requirement must complete a minimum of 12 semester units of transferable work and earn an overall “C” (2.0) average in all transferable college coursework completed.

Students who did not meet the Scholarship Requirement must:

- a) Complete 60 semester units of *transferable* college credit with a grade point average of at least 2.4 for California residents, 2.8 for non-residents, *and*;
- b) Complete the following course pattern, *earning a grade of “C” or better in each course*:
  - two transferable college courses (3 semester units each) in English composition; *and*
  - one transferable college course (3 semester units) in mathematical concepts and quantitative reasoning; *and*
  - four transferable college courses (3 semester units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, the physical and biological sciences.

(Students who satisfy the Intersegmental General Education Transfer Curriculum prior to transferring to UC will satisfy Option b above.)

### Independent California College and Universities:

California’s fully accredited independent colleges and universities provide a host of options at undergraduate, graduate, and professional levels for students planning to continue their education beyond community college.

Students who transfer to independent colleges or universities will be given academic credit for most, if not all, of their community college studies. Virtually all institutions give full credit for general education courses and usually for other courses designated for transfer by the community college.

Some colleges and universities stipulate a certain number of completed units before considering students eligible for transfer. Others do not and will accept students at any time. The requirements are outlined in the respective college catalogs, available upon request from the College’s Transition Center. Students are urged to contact their counselors for additional information.

# CSU General Education Requirements

**\*\*Information is current as of the 2005-06 academic year. Students need to meet with a counselor for updated requirements.\*\***

A total of 39 units of lower division general education may be certified by Folsom Lake College. There are additional general education requirements that must be taken at the upper division level, to be completed at the University to which the student will transfer and/or from which the student will graduate.  
 IT IS IMPORTANT THAT THE STUDENT SEEK THE AID OF A COUNSELOR WHEN SELECTING COURSES, SINCE MANY VARIABLES, LIKE CHOICE OF MAJOR, AFFECT APPROPRIATE COURSE SELECTION. THE COMPLETION OF THIS PATTERN WILL ALSO SATISFY THE "MAJOR" REQUIREMENTS FOR AN ASSOCIATES DEGREE AT FOLSOM LAKE COLLEGE.  
 Students completing 39 units, as specified in the General Education pattern below, may request "Certification" of completion at the time of transfer to any of the campuses of The California State University. Courses that are listed in **more than one** area may only be used to satisfy the requirements in a **single** area. Some campuses/majors limit the use of "double-counting" of courses for fulfillment of General Education/Breadth and Major requirements. See a Counselor for more information regarding limitations.

<b>AREA A – ORAL and WRITTEN COMMUNICATION, and CRITICAL THINKING ("C" grade or better required)</b> 9 units, with one course from each group:		COMP	IN PROG	NEED
A1	<b>Oral Communication:</b> Communications Studies 301, 331, 361  Course from another college: _____ College Name: _____			
A2	<b>Written Communication:</b> English-Writing 300  Course from another college: _____ College Name: _____			
A3	<b>Critical Thinking:</b> Communications Studies 311, 315; English-Writing 301, 302; Philosophy 300, 320, 328  Course from another college: _____ College Name: _____			
<b>AREA B – PHYSICAL UNIVERSE and ITS LIFE FORMS – 9 to 12 Units total, with at least 3 units from each group. At least one course from the Physical Sciences or Life Forms must include a Laboratory (A single * indicates a lab-only course, which must be completed with the associated lecture course; a double ** indicates courses with combined lecture and lab).</b>				
B1	<b>Physical Sciences:</b> Astronomy 300, 400*; Chemistry 305**, 306**, 321, 322*, 400**, 401**, 410**, 420**, 421**; Geography 300, 301*, 306; Geology 300, 301*, 305, 306*, 310, 311*, 330, 342, 345, 351**; Physical Science 302**; Physics 310, 311, 350**, 360**, 411** Course(s) from other college(s): _____ College Name: _____			
B2	<b>Life Forms:</b> Anthropology 300, 301*; Biology 300, 307**, 310**, 323**, 350, 400**, 410**, 420**, 430**, 431**, 440**; Environmental Technology 304, Psychology 312** Course(s) from other college(s): _____ College Name: _____			
B4	<b>Mathematics/Quantitative Reasoning ("C" grade or better required):</b> Mathematics 300, 310, 335, 341, 343, 344, 350, 351, 370, 400, 401, 402, 410, 420; Psychology 330; Statistics 300  Course(s) from other college(s): _____ College Name: _____			
<b>AREA C – ARTS, FOREIGN LANGUAGES, LITERATURE and PHILOSOPHY – 9 units minimum, with AT LEAST one course from Arts, and one from Humanities</b>				
C1	<b>Arts:</b> Architecture 310; Art-History 300, 303, 309, 311, 312, 326, 332; Art 300, 302, 304, 305, 312, 320, 323, 327, 328, 361, 370, 372, 430; Communications Media 305; Film & Media Studies 300; Music Fundamentals, History & Literature 300, 321, 330; Music Instrumental/Voice Instruction 310, 311, 370, 371, 495; Music Performance 350, 357; Photography 300, 301, 425; Theatre Arts 300 Course(s) from other college(s): _____ College Name: _____			
C2	<b>Humanities:</b> English-Creative Writing 400, 410; English-Literature 303, 310, 311, 320, 321, 340, 341, 345, 360, 370, 402; English-Writing 301; French 311, 312, 401, 402, 411, 412; Humanities 300, 310, 320, 332, 334, 340; Philosophy 304, 310, 330, 331, 338, 350, 352, 356, Sign Language Studies 315, 316; Spanish 401, 402, 411, 412, 425  Course(s) from other college(s): _____ College Name: _____			
<b>AREA D – SOCIAL and BEHAVIORAL SCIENCES – 9 units minimum (An ^^ denotes courses that satisfy CSUS' Race and Ethnicity Grad Requirement)</b>				
D1	<b>American History and Institutions:</b> can be met by one of the following combinations: 6 semester units, choose one two-course combination from Group 1 or Group 2 <b>Group 1:</b> One course from History 312, 313, or 331 paired with Political Science 301 <b>OR</b> ; <b>Group 2:</b> History 312 paired with one course from History 313 or 314  Course(s) from other college(s): _____ College Name: _____			
D2	3 units, selected from the following: Anthropology 310, 319, 320, 330, 392; Business 330, 345; Communications Studies 325^^, 341, 363; Communications Media 300, #305; Economics 302, 304; Family & Consumer Sciences 312, 314; Geography 310; Gerontology 300; History 307, 308, 344; Journalism 310; Philosophy 360; #Photography 425; Political Science 302, 310; Psychology 300, 312, 320, 335, 340, 351, 372; Social Sciences 338, 360; Sociology 300, 301, 321^^, 335 Course(s) from other college(s): _____ College Name: _____			
<b>AREA E – LIFELONG UNDERSTANDING and DEVELOPMENT – 3 units minimum</b>				
Communications Studies 321; English Education 320; Family & Consumer Sciences 314, 322, 324; Gerontology 300; Health Education 300, 350; Human & Career Development 310; Human Services 302; Nutrition and Foods 300; Physical Education Activity (not more than one unit of PE activity may count in Area E); Physical Education-Theory 301; Psychology 340, 354, 356, 358, 360; Sociology 310, 335  Course from other college: _____ College Name: _____ Military Service Credit: (clears one unit of PE activity) <b>Requires copy of DD-214</b>				

# Intersegmental General Education Transfer Curriculum (IGETC)

**\*\*Information is current as of the 2005-06 academic year. Students need to meet with a counselor for updated requirements.\*\***

<p>Completion of the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a California Community College to a campus in either the California State University or the University of California without the need, after transfer, to take additional lower division general education courses to satisfy campus general education requirements. <b>The course requirements in ALL areas must be completed before IGETC can be certified.</b> All courses must be completed with a grade of "C" or better (Grades of "C-" will not fulfill this requirement). NOTE: IGETC is NOT appropriate for certain majors and/or campuses. Consult with a Counselor BEFORE choosing IGETC to fulfill General Education/Breadth requirements to make sure that it is an appropriate choice.</p>			
<b>AREA 1 – ENGLISH COMMUNICATION</b>			
<p><b>CSU</b> – 3 courses required, one from Group A, one from Group B, and one from Group C  <b>UC</b> – 2 courses required, one from Group A and one from Group B</p>			
	<b>COMP</b>	<b>IN PROG</b>	<b>NEED</b>
<p><b>Group A:</b> English Composition, 1 course, 3 semester/4-5 quarter units            English Writing 300</p> <p>Course from another college: _____</p>			
<p><b>Group B:</b> Critical Thinking – English Composition, 1 course, 3 semester/4-5 quarter units            English Writing 301, 302; Philosophy 328</p> <p>Course from another college: _____</p>			
<p><b>Group C:</b> Oral Communications (CSU requirement only), 1 course, 3 semester/4-5 quarter units            Communications Studies 301, 331, 361</p> <p>Course from another college: _____</p>			
<b>AREA 2 MATHEMATICAL CONCEPTS and QUANTITATIVE REASONING</b>			
<p>1 course, minimum 3 semester/4-5 quarter units            Math 341*, 344, 350*, 351*, 370*, 400*, 401*, 402*; Psychology 330*; Statistics 300*</p> <p>Course(s) from other college(s): _____ Advanced Placement Score: _____</p>			
<b>AREA 3 – ARTS and HUMANITIES</b>			
<p>3 Courses, with at least one course from the Arts and one course from the Humanities, 9 semester/12-15 quarter units</p>			
<b>ARTS:</b>			
<p>Art History 300, 303, 309, 311, 312, 326, 332; Communications Media 305*; Film &amp; Media Studies 300;            Music Fundamentals, History &amp; Literature 300*, 321*, 330; Photography 425*; Theatre Arts 300</p> <p>Course(s) from other college(s): _____ Advanced Placement Score: _____</p>			
<b>HUMANITIES:</b>			
<p>English Literature 303, 310, 311, 320, 321, 340, 341, 345, 360, 402; French 411, 412; Humanities 300, 310, 320, 332, 334, 340; Philosophy 300, 304, 310, 330, 331, 338, 350, 352, 356, 360; Sign Language Studies 316; Spanish 411, 412, 425</p> <p>Course(s) from other college(s): _____ Advanced Placement Score: _____</p>			
<b>Additional ARTS OR HUMANITIES</b>			
<b>AREA 4 – SOCIAL and BEHAVIORAL SCIENCES</b>			
<p>3 courses from at least 2 disciplines or an interdisciplinary sequence, 9 semester/12-15 quarter units</p>			
<p>Anthropology 310, 320, 330; Business 345*; Communications Studies 325**; Communications Media 300*;            Economics 302, 304; Family &amp; Consumer Science 312; Geography 310; History 307, 308, 312, 313, 314, 319, 331, 344; Journalism 310*; Political Science 301, 302, 310; Psychology 300, 320, 340, 351, 356, 360, 372; Social Science 338, 360; Sociology 300, 301, 321**</p> <p>Course(s) from other college(s): _____ Advanced Placement Score: _____</p> <p>**Indicates courses that satisfy CSUS' Race and Ethnicity Graduation Requirement</p>			
<b>AREA 5 – PHYSICAL and BIOLOGICAL SCIENCES</b>			
<p>At least 2 courses, one Physical Science course and one Biological Science course; at least one course must include a laboratory (Lab. indicated by "**"), 7-9 semester/9-11 quarter units</p>			
<b>PHYSICAL SCIENCES:</b>			
<p>Astronomy 300, 400**; Chemistry 305**, 306**, 321, 322**, 400**, 401**; Geography 300, 301**, 306; Geology 300, 301**, 305, 306**, 310, 311**, 330, 345; Physical Science 302**; Physics 310, 311, 350**, 360**, 411**, 421**, 431** Course(s) from other college(s): _____ Advanced Placement Score: _____</p>			
<b>BIOLOGICAL/LIFE SCIENCES:</b>			
<p>Anthropology 300, 301**; Biology 300, 307**, 310**, 323**, 400**, 410**, 420**, 430**, 431**, 440**; Psychology 312**</p> <p>Course(s) from other college(s): _____ Advanced Placement Score: _____</p>			
<b>AREA 6 – LANGUAGE OTHER THAN ENGLISH (UC requirement only)</b>			
<p>Proficiency equivalent to two years of High School study in the <b>SAME</b> language. Grades of "C" or better required.            French 401, Sign Language Studies 305, Spanish 401</p> <p>Course from another college: _____ Completed in High School (H.S. Transcript <u>required</u>): _____</p> <p>Other (specify Advanced Placement or other exam): _____</p>			
<b>CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION, and AMERICAN IDEALS</b>			
<p>(Not part of IGETC; may be completed prior to transfer). 6 semester units, choose one two-course combination from Group 1 or Group 2. NOTE: Courses used to meet this requirement may <b>NOT</b> be used to satisfy IGETC requirements.</p> <p>Group 1: Political Science 301 plus one course from History 312, 313, 331            Group 2: History 312 paired with one course from History 313 or 314</p> <p>Course(s) from other college(s): _____ Advanced Placement Score: _____</p>			

# Student Development Programs and Services

The college has a variety of support services available to assist students with career decision-making, problem resolution, and goal achievement.

## Assessment Services

FLC (916) 608-6573 ; EDC (530) 642-5649; RCC (916) 255-0717  
 FLC provides a variety of testing services to assist students in determining appropriate course placement. Free course placement assessments are available year-round for English, reading, mathematics, and English-as-a-Second-Language (ESL). Availability is on a first-come, first-serve basis. Competency exams to meet reading and math graduation competency requirements are also available during regularly scheduled assessment sessions. Ability to Benefit (ATB) tests for financial aid eligibility can be arranged by appointment. A monthly testing schedule is available online at [www.flc.losrios.edu](http://www.flc.losrios.edu) or in the Student Services. Students with special testing needs should call Assessment prior to the testing date to arrange for accommodations.

## Associated Student Government

FLC (916) 608-6591 ; EDC (530) 642-5609

The Associated Student Government is the official student association on campus. This organization, recognized as the voice of the students, operates under the direction of officers who are elected at-large.

The purpose of the council is to provide leadership and support for the student body, encourage student participation in college governance matters, establish open communication among the students, faculty, staff, and administrators of the sites, and facilitate scholastic, cultural, social, and recreational activities on-campus and in the community. Representatives who serve on college committees are appointed by the elected ASG president and many also serve on district-wide committees.

Being a student government representative also means being recognized by prospective colleges and employers as having an edge over other applicants for leadership abilities, community awareness, and support. All students enrolled in six (6) units or more with a cumulative G.P.A. of at least 2.0 are eligible to become student government representatives.

**Clubs and Organizations:** These activities offer diversified social and educational opportunities. Each club must have a faculty advisor and be approved by the Student Life Coordinator. Anyone interested in forming a club or student organization should contact the Student Life Coordinator.

**Other services:** ASG is willing to provide assistance and information to campus clubs and groups on event planning, publicity, and fund-raising. ASG also provides information to students who are interested in initiating changes to existing policies or creating new policies at the college, district, and governmental levels.

For more information, contact the campus directly at the numbers above or online at: [www.flc.losrios.edu/~stugov](http://www.flc.losrios.edu/~stugov).

## Cooperative Work Experience Education, (CO-OP) Services

(916) 568-3100, extension 15157

Work Experience is an academic program in which students apply what they have learned in the classroom to their job or internship site and work toward earning college credits. Students will develop new skills on-the-job or in a skilled professional level assignment on campus or in the community. One 50-minute weekly class is also attended which focuses on workforce and career transition. Internship and job assistance is available. Internships may be paid or non-paid, and will provide preparation for a career by providing professional skill development, employment contacts, confidence building, and more.

## College Bookstore

FLC (916) 608-6565 ; EDC (530) 642-5656; RCC (916) 255-0717  
 In addition to required and optional textbooks, the bookstores sell a variety of school and office supplies, study aids, computer software, clothing, snacks, and souvenirs. The stores offer day and evening hours. For inquiries about specific merchandise, payment options and acceptance policies, hours, and directions, please call the bookstore. Students should bring a copy of their class schedule when purchasing textbooks and should have their student I.D. number available for purchases as well as returns.

**Textbook Refund Policy:** A receipt from the current semester must accompany all returns. Refund dates are listed on the refund slip attached to the receipt. Books purchased new **MUST** be free from writing, marks, bent corners, and completely intact. If not, the used purchase price will be refunded. Picture I.D. is required for all returns. Charge card purchases will be credited to the correct credit card.

**Textbook Buyback Policy:** Picture I.D. is required for all returns. Books may be purchased from students during most of the year at market value. During finals textbooks ordered by faculty for the upcoming semester may be sold at a higher value. Contact the bookstore for details and dates. The bookstore cannot guarantee the buyback of any book at any time.

## CalWORKs

FLC (916) 608-6560 ; EDC (530) 642-5648; RCC (916) 255-0717  
 CalWORKs supports students who are currently receiving cash aid from the county. We have many services to offer qualified students:

- Counseling
- On-the Job Training
- Job Placement Referrals
- Transportation
- Case Management Referrals
- Progress reports
- Book Service
- Study Groups/Tutoring
- Child Care services on and off campus
- Support Groups
- Workshops

## CARE (Cooperative Agencies Resources for Education)

FLC (916) 608-6560 ; EDC (530) 642-5648; RCC (916) 255-0717

The CARE Program is a state-funded program providing academic, career, and personal counseling; campus and community referrals; child care and/or transportation financial assistance (financial aid process must be completed); meal program; supply voucher; peer advising; priority registration; transfer assistance; tutorial services; and support workshops to eligible students.

To be eligible, a student must be:

- eligible for the Extended Opportunity Programs and Services (EOP&S) program
- a recipient of AFDC/TANF/CalWORKs or receiving food stamps
- a single head of household
- a parent of at least one child age 14 or under (at the time of acceptance into the program)
- a California resident
- at least 18 years of age
- a full-time student (enrolled in 12 or more units) with a vocational or academic objective

## Child Development Center

FLC (916) 608-6598

The Child Development Center serves the child care needs of student-parents who are continuing their education at Folsom Lake College, El Dorado Center, and Rancho Cordova Center. Priority is given to families who meet the eligibility and need guidelines established by the State Department of Education. Children must be 3-5 years of age and fully toilet-trained to attend.

The program provides a developmentally-appropriate environment where children develop a positive self-esteem, grow and share, learn to get along with others, experience success, and develop self-control. The center provides educational opportunities for Early Childhood Education, Nursing, Child Development, and Psychology students to work with young children while pursuing their educational goals.

## College Police

FLC (916) 608-6588 ; EDC (530) 642-5664

The police departments are P.O.S.T. certified agencies and provide both law enforcement and security services to the students. In addition to assisting and handling cases of emergencies, this office handles all parking enforcement and appeal processing, lost and found, vehicle jumpstarts and lockouts, and escorts. The FLC Campus Police Office is located on the lower level of the Falcon's Roost. The EDC Campus Police Office is adjacent to the Fitness Center.

## Computer Labs

FLC (916) 608-6540 ; EDC (530) 642-5689 ; RCC (916) 255-0717

The Computer Labs are open to all registered students. These facilities are available to meet your computer needs while on campus. Each lab has knowledgeable staff available for assistance. To sign up for computer access, students need their current registration and photo ID. Hours of service vary at each site. Please call or check the posted schedules to confirm when each location is open.

## Counseling

FLC (916) 608-6500 ; EDC (530) 642-5645; RCC (916) 255-0717  
Counselors are available throughout the year on an appointment or walk-in basis. The professional counseling staff provides:

- Academic counseling to assist students in assessing, planning, and implementing immediate and long-range educational and/or transfer goals.
- Career counseling to assist students in assessing and researching aptitudes, abilities, interests, and current and future employment trends.
- Personal counseling to assist students with personal, family, or other social concerns, when that assistance is related to the student's education.
- Crisis counseling to assist students with immediate intervention or appropriate referral to other resources on campus or in the community.
- Multicultural counseling ensuring that students are counseled with a respect for their origins and cultural values.
- Instruction in Human Career Development courses, College Success, Study Skills, and Career Exploration.
- Consultation to the college governance process and liaison to the college community to make the environment as beneficial to the intellectual, emotional, and physical development of students as possible.

## DSP&S - Disabled Student Programs & Services

FLC (916) 608-6611 ; EDC (530) 642-5630 ;  
(916) 691-7273 (TDD/Voice)

Disabled Student Programs & Services (DSP&S) provides equal educational opportunity for students with physical, psychological, or learning disabilities. Counseling, support services, and academic accommodations are provided to students who are eligible for the program. Students with disabilities are encouraged to lead active and independent lives by participating in all college programs.

**Physical and Psychological Disabilities:** Students with the following disabilities are eligible to receive support services and academic accommodations: attention deficit hyperactivity disorder (ADHD)/attention deficit disorder (ADD), blind, deaf, hearing impaired, low-vision, mobility impaired, psychologically disabled, and other health problems that would require special assistance.

**Learning Disabilities:** Students of average or above-average learning aptitude may have a specific learning disability that significantly impacts their educational progress. The program provides support services and academic accommodations to students who have documentation of a specific learning disability from another school or professional. In addition, testing and assessment services are also available.

**Academic Accommodations:** Accommodations are individually determined for students with disabilities, according to the functional limitations of the disability. Accommodations may include:

- The use of equipment and materials such as a tape recorder, calculator, computer, taped text, or spelling checker in the classroom and/or in meeting class assignments.
- The use of personnel such as readers, interpreters, note takers (while attending classes), scribes, and mobility assistants.
- Testing accommodations, which may include extension of time, quiet room, use of calculator, spelling checker, computer, alternative method of testing, or modification of the test response format.

- Individualized tutoring when a need is other than that provided by existing college tutorial services.

The student has a right to appeal any decision regarding academic accommodations. For additional information, please contact the DSP&S office for an appointment.

## Employment Opportunities

Students may work on or off campus at any of the three sites through a variety of programs. On-campus employment is limited to a maximum of 20 hours per week (all program sources). Student help opportunities may be found through the EOP&S office. Students may also be employed as part of their financial aid package and should consult the Financial Aid Office. A job board provides resources to employment off-campus.

Students can also take advantage of the Los Rios Job Connection program; for more information go to the Los Rios home page at: [www.losrios.edu](http://www.losrios.edu).

## EOP&S - Extended Opportunity Programs and Services

FLC (916) 608-6560 ; EDC (530) 642-5648; RCC (916) 255-0717  
EOP&S provides support to educationally and economically disadvantaged students in pursuit of their academic and career goals. At this end, we offer a number of services to students to encourage personal and professional growth, enrollment and retention, and transfer to four-year universities. The following comprehensive support services are provided to eligible students at either site:

- Application fee waivers (CSU, UC)
- Book service program
- Career exploration
- Case Management Referrals
- Connections to academic, career, and personal counseling
- CARE program
- EOP&S and CARE orientation
- Visits to 4-year colleges and universities
- Priority registration each semester
- Transfer Information
- Tutoring
- Workshops

To be eligible, a student must:

- Be a California resident (have lived in the state one year and one day before school starts)
- Be enrolled in 12 units (some students with exceptional conditions may be accepted at a reduced load)
- Qualify to receive the Board of Governors Waiver (BOGW - method A or B)
- Not have completed more than 70 units or six consecutive semesters in the EOP&S program
- Submit an application to the EOP&S program
- Be educationally disadvantaged as determined by the EOP&S program.

Applications may be picked up at either site and appointments may be scheduled by visiting or calling EOP&S.

## Financial Aid Services

FLC (916) 608-6646 ; EDC (530) 642-5651; RCC (916) 255-0717  
Financial aid is available for students who need help in meeting their educational costs. Information and applications can be obtained from the Financial Aid Office. Financial assistance for students may include: grants, federal work-study (on-campus employment), various FLC Foundation scholarships as well as privately supported scholarships for outstanding students in particular fields, and low-interest loans. In addition to the general financial aid programs, the Board of Governors Fee Waiver is available which will pay the community college enrollment fee for low-income state resident students. The financial aid staff is available by appointment or drop-in basis to assist students and their parents. For additional information, please refer to the "Financial Aid" section of this catalog.

## Libraries

FLC (916) 608-6613 ; EDC (530) 642-5695  
Central to inquiry and learning are the libraries. They support the college course offerings by providing access to information through their collection of books, periodicals, media, and online resources. The libraries also provide reference, circulation, and interlibrary loan services, reserve materials, research computers, and group study rooms.

The online library catalog, Los Rios Online Information System (LOIS), identifies books, periodicals, and media available at FLC/EDC and the other Los Rios Community College District Libraries. In addition to the print and media collections, the libraries provide online access to a variety of databases that contain full-text magazines, journals, and newspapers, as well as literary criticism, biography, international affairs, and current events.

These electronic resources are available to FLC students, faculty and staff both on and off campus. Visit the FLC Library's website at [www.flc.losrios.edu/~library/student.html](http://www.flc.losrios.edu/~library/student.html) or the EDC Library's website at [www.flc.losrios.edu/~lrc](http://www.flc.losrios.edu/~lrc) for information on accessing these resources.

Librarians are available to provide individual, group, drop-in, and class instruction on using the various library services and resources, including assistance on selecting the appropriate research tools and creating effective search strategies. The library also offers credit courses (see the Library listing in this catalog). These courses are designed to make your academic research easier and more rewarding.

The libraries at both Folsom Lake College and El Dorado Center are equipped with computers and fee-based photocopiers and printers. They are a great place to find reliable information or for a quiet location to study.

## Maintenance Allowance

A California resident who resides more than sixty (60) miles from the nearest public community college campus may file an application for maintenance allowance in the college Admissions & Records office. The rate of payment is determined by the State Chancellor's Office and is issued to the parent or guardian of minor non-district students, and directly to adult non-district students and married minors. Payment is based on each day of full-time scheduled attendance.

Additional information is available in the Admissions & Records office.

## Publications

FLC (916) 608-6993

This college catalog and the class schedules are important resources for student success. These publications include valuable and current information on available services, course/program selection, and graduation and transfer requirements. Students should keep one or both publications as references throughout the year.

A tabloid-style publication (with class listings and other college information) is mailed twice a year (spring and fall) to approximately 150,000 homes in the region.

The Public Information Office produces an employee newsletter three times a year to inform faculty and staff of upcoming events, as well as provide a recap of recent campus activities.

## Reading, Writing, & Math Center and English Center

FLC (916) 608-6517 ; EDC (530) 642-5686

The Reading, Writing, & Math Center (FLC) and English Center (EDC) provide assistance to students in all subject areas. Services include help with research papers, essay revision, and study skills. Students should enroll in .5 or 1.0 units of English 70, a credit/no credit course. Students will work with an instructor on an individualized basis.

## Transition Center/Services

FLC (916) 608-6500 ; EDC (530) 642-5644

There are four major areas of information offered through the Transition Center:

- Career Exploration
- Co-Op Work Experience Education
- Employment
- Transfer

Our students are in continuous "transition" from one stage of life to another. Whatever transition our students make, the Transition Center is a great one-stop resource to gather information and make future plans. It is located in the Student Services area at Folsom Lake College.

**Career-related activities and resources** are available to help meet individual career needs. Activities include:

- *Resume assistance* – on the computer, in a workshop, and/or in-person
- *Job search* – traditional, "hidden jobs", and computerized job banks
- *Interviewing* – skills to be more competitive
- *Transfer Fair* – employers are on-campus to provide career information, employment, internships, and transfer information to students
- *Computers/Internet* – self assessment and researching career-related topics
- *Reference materials* – books, videos, and handouts
- *Workshops* – We offer workshops and seminars to develop the skills you will need to communicate with employers. Check the Transition Center for current scheduled offerings.

**Employment Opportunities** are made available to students seeking on- and off-campus employment. The Transition Center schedules employers on-campus for information, recruitment, interviews, or to gather applications and resumes.

**Transfer Services:** Folsom Lake College is committed to transferring qualified students to the four-year university of their choice. The Transition Center offers university applications, catalogs, and other resource materials. Information on transfer opportunities is also available at the El Dorado and Rancho Cordova Centers. Students may talk with counselors as well as representatives from various four-year colleges and universities about course work, housing, financial aid, and more.

The center also helps students to concurrently enroll at CSUS (with fees waived) and provides for admission through a Transfer Admissions Agreement (TAA) to UC Davis, UC Riverside, UC Santa Cruz, UC San Diego, UC Santa Barbara, CSU Monterey Bay, San Francisco State, and the University of the Pacific. Online application services are available for all colleges. For more information, call 916-608-6500.

**ASSIST** is an online student information system that provides the most accurate and up-to-date information about student transfer in California. Please visit [www.assist.org](http://www.assist.org) for more information.

## Tutorial Services

FLC (916) 608-6547

The Tutorial Program offers students assistance with learning skills and college courses. The Tutorial Program offers individualized and small group tutoring in various subjects, dependent upon the availability of qualified peer tutors. Tutorial services are available by appointment and on a drop-in basis. Contact the college directly at the numbers above or online at: [www.flc.losrios.edu/~tutoring](http://www.flc.losrios.edu/~tutoring).

## Veterans Educational Benefits

### Educational Benefits

Folsom Lake College is approved to offer instruction to service persons, reservists, and other eligible persons under Title 38, U.S. Code and Department of Veterans Affairs (V.A.) regulations. Eligibility for benefits under any of these programs is determined by the appropriate federal or state agency, and not by the college.

### Dependents of Veterans

A student who is a dependent of a veteran with a service-connected disability or who died of a service-connected cause may be eligible to receive a waiver of enrollment fees through the California Dependents of Veterans College Fee Waiver Program. Application forms and additional information may be obtained by contacting your local county veterans service office, listed in the telephone directory under county government. Approved authorization letters may be submitted directly to the Financial Aid Office for a fee waiver.

### Certification Process

New students should first enroll in the College and register into courses, following the regular matriculation process for all students. Once enrolled, students may apply for V.A. benefits by completing a V.A. Application for Educational Benefits, which is available from the Admissions & Records office or online at the V.A. website: [www.gibill.va.gov](http://www.gibill.va.gov). Students should also submit additional required FLC V.A. documents as well as a DD214 (member 4 copy) if the veteran served on active duty. Students must request enrollment certification each semester. Students must notify the college V.A. certifying official if their enrollment, major, or address changes. The certifying officer will make necessary certifications of enrollment or changes in enrollment and progress.

***Evaluation of Prior Education and Training***

During the first semester, all students receiving veterans educational benefits are required to: 1) have submitted to the Admissions & Records office official academic transcripts from each school previously attended, 2) have submitted a DD214 if they were on activity duty, and 3) complete a V.A. Education Plan with a counselor, which establishes a personalized education plan based on prior education and training and the student's current academic objective.

***Course Restrictions for Certification***

Courses will NOT be certified for benefits after the first semester until the Education Plan is complete. Only courses that meet requirements or their prerequisites for the major and degree objective as indicated on the education plan will be certified for payment. If the academic objective is changed, the student must complete a new education plan accordingly.

For more information, contact the Folsom Lake College Admissions & Records office at (916) 608-6500 or the Veterans Administration Regional Office at (888) 442-4551 or [www.gibill.va.gov](http://www.gibill.va.gov).

# Financial Aid

The Financial Aid Office provides a wide range of financial assistance to students in the form of grants, part-time on-campus employment, scholarships, and loans. All awards are contingent upon financial need, cost of attendance, and enrollment status (full-time or part-time).

The basic premise for all need-based financial aid programs is that the primary responsibility for financing a student's post-secondary education rests with the student and his/her family. Student financial aid is intended to assist with those educational costs that remain after the student's resources and an expected contribution from the family have been taken into account. To be considered for financial aid, a student must complete a *Free Application for Federal Student Aid* (FAFSA) each academic year, and preferably by March 2nd to be eligible for maximum aid. Forms are available at the Financial Aid Office or on the web at: [www.fafsa.ed.gov](http://www.fafsa.ed.gov). For the academic year 2006-2007, Folsom Lake College's Title IV Federal School Code is: **038716**.

Folsom Lake College participates in the following programs:

## Board of Governors Fee Waiver (BOG)

This program waives your enrollment fees for the academic year (summer session and fall/spring semester) and does not require repayment. Only one application per year is necessary and you must reapply each fiscal year. There is no deadline to apply.

### Eligibility:

- Must be a California resident.
- Complete a simple application form available in the Financial Aid Office.
- Be prepared to provide proof of eligibility. There are three methods by which you may qualify:
  - Method A: TANF/CalWORKs, SSI/SSP, or General Assistance recipients *must* bring documentation (aid verification summary, last voucher, or check) in order to qualify. Documents submitted will be accepted only if they are dated within the last 30 days.
  - Method B: If you meet household (low) income standards.
  - Method C: If you have been determined to have any "financial need" based on Federal calculation.

**Contact the Financial Aid Office for income criteria at (916) 608-6646.**

## Federal and State Grants

(Do not require repayment)

### Federal Pell Grant

This program aids students who have not yet received a bachelor's degree from any institution. The Pell Grant is intended to be the "foundation" of a student's financial aid package with other sources of aid to supplement it. Eligibility will vary according to enrollment status and federally determined Expected Family Contribution (EFC).

A *Student Aid Report* (SAR) will be mailed directly to the student and a duplicate version will be transmitted electronically to the designated school. Students may contact the Financial Aid Office once they have received their SAR.

### Eligibility:

- Complete/submit a FAFSA.
- Complete verification documentation as required by federal guidelines.

### Federal Supplemental Educational Opportunity Grants (FSEOG)

This program is limited to undergraduate students with exceptional financial need who, for lack of financial means, would be unable to enter or remain in college. Funding is limited; therefore, students are encouraged to apply early.

### State Cal Grants

Cal Grants are administered and processed by the California Student Aid Commission. The FAFSA and a GPA Verification form must be completed by March 2nd prior to the award year. The completed GPA Verification form must be submitted to the California Student Aid Commission.

1. *Cal Grant A*: Helps low- and middle-income students with tuition costs at 4-year colleges and universities. Grant recipients are selected on the basis of financial need and grade point average.

The California Student Aid Commission will hold tuition fee awards for those who qualify, until the student transfers to a four-year college. Students must maintain eligibility each year.

2. *Cal Grant B*: Aids high-potential students from low income and disadvantaged backgrounds. Applicants must be a new freshman in college, completed no more than 16 units or completed a full-time semester of college or 4.5 months at a vocational/technical college by June 30 of the prior school year.

3. *Cal Grant C*: Provides assistance for low- and middle-income students formally enrolled in and pursuing a vocational training program at Folsom Lake College.

## On-Campus Employment

(Money earned does not require repayment)

### Federal Work Study Program (FWS)

The Federal Work Study program allows eligible students to earn money for their educational expenses while in school. Students are encouraged to find jobs relating to their program of study on the college campus. Work study wages are based on federal minimum wage guidelines. Students may qualify by virtue of their need and satisfactory academic standing.

## Loans

(Require repayment)

### Federal Stafford Loan Program (Subsidized)

This loan is offered to low- and middle-income borrowers who demonstrate financial need. Loan amounts are based on current federal guidelines.

### Federal Stafford Loan Program (Unsubsidized)

This loan is offered for middle- and higher-income borrowers. With the exception of demonstrating financial need, the unsubsidized Federal Stafford Loan has the same eligibility criteria as the subsidized Federal Stafford Loan. This means that family income will not affect loan eligibility.

or disqualify a student from receiving an unsubsidized loan. Loan limits and interest rates are also based on current federal guidelines.

To apply for a federally insured loan, institutional policy requires that a student must:

- Complete a *Free Application for Federal Student Aid* (FAFSA)
- Be enrolled in at least six units
- Receive an award letter for other forms of federal/state financial aid
- Attend a loan entrance counseling workshop to obtain loan applications
- Satisfactorily complete a student loan pre-test
- Attend exit loan counseling every academic year or upon graduation or exiting the college

Accepting any federal student loan is accepting a huge responsibility. Defaulting on any federal student loans will result in disqualification of all financial aid, adverse credit, and severe legal action. By accepting a Federal Stafford Student Loan, the student accepts the responsibility to repay it.

## Requirements for Federal/State Financial Aid

**Ability to Benefit:** Applies to students who are admitted to college, but who do not have a high school diploma or the equivalent. A student must pass a standardized placement test, which measures the student's ability to complete the course of study. To schedule a testing appointment, please contact the Assessment Office at (916) 608-6573.

*Eligibility for financial assistance is determined by:*

- Demonstrated financial need. Financial need exists when the cost of education exceeds all of the resources available to a student. This need must be determined each academic year for which a student applies.
- Being a U.S. citizen, a permanent resident, or status as a resident alien with the appropriate visa.
- Registering for Selective Service: Federal and state laws require that men between the ages of 18-25 must register with the U.S. Selective Service System to be eligible for school Financial Aid (50 U.S.C. App. 451, et seq.)
- Making satisfactory academic progress. Satisfactory academic progress is defined by the Federal Department of Education as 150 percent of normal length of time for a student to achieve an educational objective. Congress and the Federal Department of Education award funds to students who are making satisfactory progress toward their educational goal. Therefore, the Financial Aid Office is required to monitor academic progress and deny aid to any student who fails to meet satisfactory academic progress as measured by:

1. Grade Point Average (GPA)- minimum FLC GPA of a 2.0
2. Maintain Progress - Complete at least 75% of units enrolled:

Progress Percentage = Total Units With "F", "NC", "W", "I", and "RD" divided by the total units attempted. Non-completion percentage must be 25% or less.

3. Total Units (Maximum Time Frame) - Students may attempt up to 72 units toward the completion of degree or certificate program. Students who have attempted 72 or more units will be denied financial aid. Units taken at another college or taken without the assistance of financial aid are calculated into the total number of units attempted. Up to 30 units of remedial coursework may be deducted from the total

units accumulated.

4. Completion of Degree or Certificate - Students who complete a degree or certificate are considered to have reached their maximum time frame and will be denied financial aid.

A student may be placed on financial aid probation for one semester. Aid will be denied to students who fail to make satisfactory academic progress during the probationary semester. Students with extenuating circumstances may file a Financial Aid Petition to reinstate financial aid.

**Basis for Denial of Financial Aid:** Financial Aid may be denied for the following reasons:

- Default on Stafford Loans.
- Owing a refund or repayment on Pell or FSEOG.
- Failure to meet the satisfactory academic progress standard adopted by FLC for financial aid recipients.
- Completion of an AA or AS Degree or 72 or more units (whichever comes first) unless a special petition has been approved by the Financial Aid Office.
- Falsification of information that affects the determination of eligibility or aid.
- Failure to provide necessary verification/documentation of income and resources.

## Scholarships

(Does not require repayment)

Scholarships awards are available for students who are interested in particular fields of study, who are members of under-represented groups, who live in certain areas of the country, or who demonstrate financial need. The Financial Aid Office maintains a list of local, state, and national scholarships. Enrollment verification is usually required. Scholarships from many donors are available for the student who is returning for a second year, as well as for the student who plans to transfer to a four-year institution. Number of awards depends on the number of applications and funds available.

### *El Dorado Center Patrons Club Scholarships*

These awards are donated by the El Dorado Center Patrons Club. Awards are based on the goals stated by the student, academic effort shown by adequate grades, financial need, community service, and/or work experience. Awards may be renewed. A second application is required for the second year. Award amount is \$250.00 per student per year.

### *Foundation Scholarships*

These awards are provided by the Folsom Lake College Foundation and are granted to graduating seniors and currently enrolled students enrolled in at least six units at FLC/EDC/RCC and based on the goals stated by the student, academic effort shown by adequate grades (2.0 G.P.A.), community service or work experience, and financial need.

Students can apply for these scholarships online at:

<http://scholarship.losrios.edu/student/flc/flcmain.asp>

# Policies on the Rights of Individuals

## Los Rios Community College District Non-Discrimination Policy

The Los Rios Community College District, in compliance with all pertinent Titles and Sections of the Civil Rights Act of 1964, the Educational Amendments of 1972, the Rehabilitation Act of 1973, Americans with Disabilities Act, and all other applicable federal, state, and local laws, does not discriminate on the basis of race, color, marital status, religion, sexual preference, national origin, sex, age over forty, handicap, or Vietnam-era veteran status, physical or mental disability, nor shall any students be discriminated against for conversing in a language other than English, in any of its functions or activities, including employment, educational programs and services, admissions, and financial aid.

The District further complies with those federal and state laws and the regulations of the Board of Governors of the California Community Colleges which prohibit sexual harassment.

Such non-discrimination policies extend to all of the functions and activities of the Los Rios Community College District including employment and employment selection, educational programs, services, admissions, and financial aid.

Inquiries regarding this policy may be directed to the Equity Officer at (916) 608-6620; Gender Equity Coordinator (Title IX, Section 504) and ADA Vice President for Administration at (916) 608-6555; or the Los Rios Community College District, Assistant Chancellor of Human Resources, 1919 Spanos Court, Sacramento, CA 95825, (916) 568-3116, or to the Director of the Office of Civil Rights, U.S. Department of Health, Education and Welfare, Washington, D.C.

## Política Contra La Discriminación

El Distrito Universitario Comunitario Los Rios, en cumplimiento con todos los Títulos y Secciones pertinentes de la Ley de Derechos Civiles de 1964, las Enmiendas Educativas de 1972, la Ley de Rehabilitación de 1973, la Ley de Americanos con Incapacidades y todas las demás leyes aplicables federales, estatales y locales, no discrimina con base en la raza, color, estado civil, religión, preferencia sexual, nacionalidad, sexo, edad de mayor de cuarenta años, estado de inhabilitado o veterano de la guerra de Vietnam, incapacidad física o mental; y ningún estudiante será discriminado por conversar en un idioma que no sea inglés, en ninguna de sus funciones o actividades, incluyendo el empleo

El Distrito cumple además con aquellas leyes federales y estatales y las normas de la Junta de Directores de los Colegios Comunitarios de California, las cuales prohíben el hostigamiento sexual.

Tales políticas antidiscriminatorias se extienden a todas las funciones y actividades del Distrito Universitario Comunitario Los Rios, incluyendo el empleo y la selección de empleos, programas educativos, servicios, admisiones y ayuda financiera.

## Diversity/Equity Commitment

Folsom Lake College believes that the world of tomorrow will be shaped by what happens to the individual and the community today. Thus, we seek to enhance, through learning, the unique potential of every person entering our doors and to nourish the quality of life in our community. In particular, the college strives to create an institutional climate of full enfranchisement and participation for all students, faculty, and staff. This includes addressing the needs of the culturally diverse student population

at the college, ensuring gender equity, and facilitating student and staff understanding of cultural perspectives of others, as well as their own.

## Title IX (Sex Discrimination)

Folsom Lake College supports and complies with Title IX Education Amendments, which prohibit sex discrimination in admission to, or employment in, all its educational programs and activities. Inquiries concerning Title IX may be directed to the college Title IX Coordinator, Equity Officer at (916) 608-6620 or to the Director of the Office of Civil Rights, U.S. Department of Education, Washington D.C.

## Disability

Folsom Lake College does not discriminate on the basis of disability in admission or access to, or treatment or employment in, its programs and activities. Section 504 of the Rehabilitation Act of 1973, as amended, and the regulations adopted thereunder and the Americans with Disabilities Act prohibit such discrimination.

## Race, Color, National Origin, or Disability

Folsom Lake College complies with the requirement of Title VII of the Civil Rights Act of 1964 as amended by the Americans with Disabilities Act and the regulations adopted thereunder. No person shall, on the grounds of race, color, national origin, or disability, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program of Folsom Lake College. Referrals may be made to the Equity Officer.

## Age, Marital Status, Religion

Folsom Lake College does not discriminate on the basis of age, marital status, religion, or sexual orientation. Referrals may be made to the Equity Officer.

## 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 work place 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**

- A. 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:
1. Submission to the conduct is explicitly or implicitly made a term or a condition of an individual's employment, academic status, or progress.
  2. Submission to, or rejection of, the conduct by the individual is used as the basis of employment or an academic decision affecting the individual.
  3. 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.
  4. 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.
- B. For the purpose of further clarification, sexual harassment includes, but is not limited to:
1. 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.
  2. Continuing to express sexual interest after being informed that the interest is unwelcome. (Reciprocal attraction is not considered sexual harassment.)
  3. 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.
  4. 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.

5. Offering favors or educational or employment benefits, such as grades or promotions, favorable performance evaluations, favorable assignments, favorable duties, or shifts, recommendations, reclassification, etc., in exchange for sexual favors.

### **Complaint Procedure And Impact**

Any individual who believes that he or she has been sexually harassed is encouraged to follow the complaint procedures as set forth in the District's Discrimination Complaint Regulation R-2423. Throughout the procedures, the College President and the College/District Equity Officers will insure that confidentiality will be maintained and that due process will be followed with respect to both parties. In the case of a student, it shall not affect grades, class selection, or other matters pertaining to his or her status as a student. In a situation where evidence is found that an allegation of sexual harassment is brought solely for the purpose of vexation, the appropriate disciplinary action will be taken. Sexual harassment policy, procedural steps, and forms are available from the campus Equity Officer, (916) 608-6620 or Vice President of Administration, (916) 608-6555.

## Statement on Academic Freedom

Academic Freedom is essential for the fulfillment of the educational mission of the District and for the ability of faculty members to perform their professional duties. Faculty members have the principle right and responsibility to determine the methods of instruction, the planning and presentation of course materials, and the fair and equitable methods of assessment in their assignment in accordance with the approved curriculum and course outline and the educational mission of the District in accordance with state laws and regulations.

All faculty members should: (a) conduct a classroom environment that is conducive to student learning, growth, and development; in which students are free from discrimination, prejudice, and harassment; and in which students are free to express relevant ideas and opinions; and (b) clearly differentiate to students the expression of a faculty member's personal opinions or convictions from the objective presentation of theory, fact or ideas.

**Citizenship:** In joining the academic community, students enjoy the right of freedom to learn and share the responsibility in exercising that freedom. Students are expected to conduct themselves in ways appropriate to the educational purposes of the college.

**Faculty Performance Review:** Students may be asked to complete a questionnaire in each class where the professor is undergoing performance review.

## FLC Faculty Code of Ethics

1. Recognizing that, at times, students will give us gifts or offer us favors, we must be aware of potential implications. We should always demonstrate both the substance and the appearance of propriety by accepting only minimal gifts.
2. Acknowledging that student sensitivities should be respected, we must appreciate that remarks regarding gender, race, religious or ethnic group, physical handicap, learning disability, or sexual orientation are appropriate only in an educational context.

3. Since instructors are concerned with the welfare of students and since students will at times wish to share information of a personal nature, faculty may refer students to the college's counseling center or appropriate community services for additional help and/or information.
4. Instructors should never engage in or condone sexual harassment. In the professional context, the term "sexual harassment" may be used to describe a wide range of behavior. However, the fundamental element is the unwelcome personal attention by an instructor who is in a position to determine a student's grade or student employment or otherwise affect the student's academic performance or professional future.
5. Academic interaction between students and instructors should always take place in an appropriate setting.
6. Recognizing that while amorous relationships are appropriate in other circumstances, we accept that such relationships are always inappropriate when they occur between any faculty member and a student currently enrolled in his or her class.

### Classified Staff Code of Ethics

1. Recognizing that faculty and students will give us gifts or offer us favors, we must be aware of potential implications. We should always demonstrate both the substance and the appearance of propriety at all times.
2. Acknowledging that faculty and student sensitivities should be respected, we must appreciate that remarks regarding gender, race, religion, ethnicity, physical or learning disability, or sexual orientation are appropriate only in an educational context.
3. Since classified staff are concerned with the welfare of faculty and students and since either one will at times wish to share information of a personal nature, classified staff must, for additional help and/or information refer students to the college's counseling center or office of Student Development; and, refer faculty to the Dean or Vice President of Instruction.
4. Classified staff should never engage in or condone sexual harassment. In the professional context, the term "sexual harassment" may be used to describe a wide range of behavior. However, the fundamental element is the unwelcome personal attention by a classified member to any person, staff, faculty, or student.
5. Classified staff interaction with students and faculty should always take place in an appropriate setting.

# Student Rights and Responsibilities

FLC envisions an education system in which specific rights, obligations, and expectations for students and education providers will be clearly expressed, so that all participants in the educational process, including families, can understand and respond to them. These rights, obligations, and expectations would define what we consider to be the essential elements of high-quality teaching and learning to which all students and education providers should have access. Folsom Lake College proposes that these rights, obligations, and expectations be defined as follows:

Every student has the right to:

- Be taught by a competent, fully qualified faculty member;
- Receive an education, including intervention when necessary, that is sufficient to allow successful transition into the next levels of education and into the workforce;
- Be provided access to high-quality learning materials and resources, including textbooks and technologies that foster and support the knowledge and skills s/he is expected to learn;
- Receive counseling and academic advising to assist in successful educational progress and planning;
- Be in a clean, modern, and safe environment that is conducive to learning;
- Be provided with sufficient information regarding educational, economic, social, and political options to be able to make informed choices for his or her future; and
- Receive information about financial support for postsecondary education attendance.

Every student would be expected to:

- Attend college regularly and participate in the educational opportunities that are provided;
- Commit to the level of effort needed to succeed; and
- Contribute to maintaining a safe, positive college environment.

The Los Rios Student Rights and Responsibilities document is based upon the following three fundamental concepts.

1. College students, citizens of the United States, and foreign guests are members of the academic community.
2. They have the same rights and freedoms that all citizens have as students, and must comply with federal and state laws and statutes.
3. Students must also comply with Los Rios Board policies and individual college rules and regulations.

## Use and Release of Student Information (FERPA)

The Los Rios Board of Trustees, in order to meet the provisions of the Family Rights and Privacy Act of 1974 and the Education Code, has established policies giving students and parents of dependent students access to certain designated records. A summary of the rights and procedures for access are contained in the Students Rights and Responsibilities section of the Los Rios Community College District Policy manual. Complete copies of the Act, Education Code, and Board policies are available in the offices of Admissions and Records and Student Development & Enrollment Management. The primary rights afforded each student are the right to inspect and review his/her educational records, the right to seek to have the records amended, and the right to have some control over the disclosure of information from the records.

District Regulation 2265 provides for the release, without student consent, of Student Directory Information, i.e. student's name, date and place of birth, 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. In addition, federal law provides that representatives of the U.S. Department of Defense shall be provided a student's name, address, and telephone number for recruitment purposes. *Students have the right to refuse the release of one or more such designated categories by submitting a written statement to the Admissions & Records office.*

## Student 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 Website at: [www.cccco.edu](http://www.cccco.edu).

## Student Academic Rights

The classroom (including laboratories, field trips, independent study, etc.) 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:

1. 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 campus regulation. These publications should do the following:
  - a) 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.
  - b) State on the editorial page that the opinions expressed are not necessarily those of the college or the student body.
2. Students shall have the right to take stands on issues, the right to examine and discuss questions of interest to them, and the right to support causes by orderly means which are in harmony with the regular functioning of the institution.
3. Students shall have the right to hear speakers on any subject and on-campus 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.

4. Students shall have the right to form an organization around any particular interest; this right will include the freedom to organize and to join student organizations subject to published campus and District regulations.
5. Students shall have the right to be informed on all campus 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 campus matters are relevant to students, the determination will be made by a campus-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.
6. 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.
7. Students shall have the right to file a grievance as outlined in the procedures of the District Student Grievance Policy, in the event of an alleged breach of their rights. The designated Grievance Officer will hear grievances of students who believe their academic rights have been denied or violated.

### Academic Integrity and Responsibility - Plagiarism Policy

All students enrolled at Folsom Lake College are expected to act honestly, conscientiously, and most importantly, with honor and integrity 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 the student's work is the basis for instructors to evaluate student performance in courses, students should not misrepresent their work nor give or receive unauthorized assistance. Should any impropriety occur related to academic dishonesty the faculty member has the right to choose whether or not to pursue suspected cases of plagiarism. Regulation 2441 of the Los Rios Community College District, in compliance with the Education Code allows for the suspension of a student who has committed an act of academic dishonesty. Dishonesty can include cheating, plagiarism or furnishing false information to the college, forgery, and alteration or misuse of college documents, records or identification. A complete description of the Academic Integrity and Responsibility-Plagiarism Policy is posted on the college website for review. For further information on students' rights, please refer to the Dean or Vice President for Student Development and Enrollment Management.

### Student Responsibilities

Admission to college assumes the expectation that the student will be a responsible member of the college community; will 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; and 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 and "adding" and "dropping" classes in a timely fashion, to insure that others will have an opportunity to take classes. Students are responsible for completing and submitting all class assignments, examinations, tests, projects, reports, etc., by scheduled due dates, or face penalties. If any problem arises regarding course work 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.

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; and
- Understand and fully abide by established college policies and applicable public laws.

In the case of student conduct which 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 campus policy.

### Student Conduct Code

A student enrolling in one of the Los Rios colleges 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 District policies and regulations. Students who violate such rules and regulations are subject to disciplinary action.

- Willful disobedience, disruptive behavior, profanity or vulgarity, or the abuse of the college.
- Persistent serious misconduct.
- 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 or distribution of materials.
- Dishonestly, such as cheating, plagiarism, or knowingly furnishing false information to the college.
- Unauthorized entry to or use of the facilities.
- Forgery, alteration, or misuse of college documents, records, or identification.
- Obstruction or disruption of teaching, or other authorized college activities.
- Theft of or damage to property, or the possession of stolen property belonging to the college, a member of the college community, or a campus visitor.
- Misconduct which results in injury or death to a student or college personnel, or which results in injury to any real or personal property owned by the District.
- Soliciting or assisting another to do any act which would subject a student to discipline.
- Assault or battery, sexual assault, abuse, or any threat of force or violence directed toward any member of the college community.
- Use, possession, distribution or being under the influence of alcoholic beverages, narcotics, or dangerous drugs.
- Knowing possession or use of explosives, dangerous chemicals, or deadly weapons on college property.

- Knowingly access and without permission, alter, damage, copy, delete, destroy or otherwise use any data, computer program, computer system, or computer network.
- Smoking in any posted no-smoking area.

## Discipline Process

An instructor may remove a student from the class and the next meeting for violation of the Code of Conduct.

### Procedure

1. The Disciplinary Authority is notified verbally and in writing within three (3) instructional days of an infraction committed by a student.
2. The student is informed by the Disciplinary Authority of the alleged infraction and of the time and place of the investigative meeting with the Disciplinary Authority.
3. The Disciplinary Authority shall interview the student for the purpose of discussing the alleged misconduct and disciplinary action, if any, which should be taken.
4. The Disciplinary Authority may initiate disciplinary action by notifying the Chief Student Services Officer and serving such notice on the student charged.

### Action

Students are subject to the following disciplinary actions:

1. Probation via verbal or written reprimand.
2. Suspension from classes/activities for a specified time.
3. Expulsion from the District.

### Appeal

1. The notice of disciplinary action shall contain a statement affording the student the right to appeal by submitting a letter of appeal not later than seven (7) days after service of notice.
2. If no appeal is filed in the prescribed time, the disciplinary action shall be referred to the College President for approval, rejection, or modification.
3. If an appeal is filed within the prescribed time, a Disciplinary Appeals Committee shall conduct a hearing.
4. The Disciplinary Appeals Committee shall prepare a written decision that includes findings of facts, conclusion regarding whether the infraction occurred, and a recommendation for disciplinary action within ten (10) days of conclusion of hearing.
5. The decision of the Disciplinary Appeals Committee is transmitted to the President for approval, rejection, or modification. The decision of the President is final.

### Expulsion

If the President recommends expulsion, the decision is referred to the District Chancellor for approval, rejection, or modification. The Board of Trustees must approve recommendation for expulsion. The decision of the Board of Trustees is final.

For further assistance and/or information:

Student Disciplinary Authority  
(916) 608-6653

Campus Police  
Folsom campus (916) 608-6588 ; El Dorado Center (530) 642-5664

## Student Grievance Policy

It is the intent of the Los Rios Board of Trustees to provide prompt and equitable means for resolving student grievances.

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 incompetency, shall be final."

### Steps to Filing Grievance:

Student Disciplinary Authority  
(916) 608-6653

#### Level 1

*Informal Grievance Resolution (Mandatory)*

Timeline: Within ten days of alleged act.

With Whom: Student shall meet with staff member involved OR with staff member's immediate supervisor.

Purpose: To attempt informal resolution AND if no resolution is reached within ten (10) days, student may proceed to formal grievance process.

#### Level 2

*Formal Grievance Process (Grievability)*

Timeline: Within five (5) days of completion of the informal process AND not later than twenty-five (25) days from date of alleged wrongful act.

With Whom: Formal grievance form (completed) to be filed with Student Grievance Officer.

Purpose: To determine if problem is grievable AND if grievable, a hearing will be scheduled.

#### Level 3

*Formal Grievance Process (Hearing)*

Timeline: Within ten (10) days of appointment of a Hearing Officer, a hearing will be scheduled.

With Whom: All parties and Hearing Officer

Purpose: To determine the merit of the grievance.

Decision: Within ten (10) days of completion of hearing.

#### Level 4

*Formal Grievance Process (Appeal)*

Timeline: Within five (5) days of Hearing Officer's decisions.

With Whom: Chief Student Services Officer

Process: Written appeal, stating specific grounds for appeal (see R2412, 3.9.1). Review of record only.

Decision: Within ten (10) days of receipt of appeal documents. Decision is final.

Complete policies and regulations on the Student Grievance procedure are available on the Los Rios Community College District website at [www.losrios.edu](http://www.losrios.edu).

## Alcohol and Drug Policy

The abuse of illicit drugs and alcohol disrupts classes, compromises our physical and mental health, subjects us to criminal penalties, and impairs our ability to benefit from the learning experience. We therefore ask you to actively support the creation of 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. If you or someone you know is having problems with alcohol or drugs, contact one of the agencies listed under "Confidential Assistance."

### **District Policy**

Los Rios Community College District policy 2443 states that the District "is committed to maintaining a drug- and alcohol-free workplace in accordance with the requirements of the U.S. 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 LRCCD 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: 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

### **Health Consequences**

Use or misuse of controlled substances can lead to overdose, sudden death, liver disease, psychological disorders, brain damage; long-term alcohol abuse can cause ulcers, gastritis, pancreatitis, liver disease, cancer, loss of coordination, heart disease, stroke, emotional distress, sexual dysfunction, and other health problems.

Occasional misuse may cause:

- Impaired learning due to drowsiness, memory loss, and indifference to academic achievement.
- Impaired judgment leading to accidents, unwanted pregnancy, sexually transmitted diseases, violent behavior, and financial problems
- Any drug used intravenously can spread AIDS or hepatitis.

### **Confidential Assistance:**

On Campus Counseling .....	FLC (916) 608-6500
	EDC (530) 642-5645
Sacramento Mental Health Center .....	(916) 875-1055
El Dorado County Mental Health .....	(530) 621-6200
Alcoholics Anonymous.....	Sacramento (916) 454-1100
	Placerville (530) 622-3500
Narcotics Anonymous .....	(800) 600-4673
Cocaine Anonymous.....	(916) 927-5740
Dept. of Alcohol & Drug Programs .....	(800) 879-2772
Alcohol & Drug Bureau.....	(916) 874-9754

## Smoking Policy

It is the Folsom Lake College policy that no smoking be permitted inside buildings, or outside within 30 feet of building entrances. This policy is to be enforced through common courtesy.

## Computer Use Policy

Equipment in the lab should be used for **class assignments only**.

Computers are available on a first-come, first-served basis.

Food and/or drinks (including water bottles) are not allowed.

Please turn off cellular phones. Conduct phone conversations outside.

Children are not allowed to use computer equipment.

Students are to supply their own headphones for sound.

Pets are not allowed, except for Seeing Eye dogs.

Students need to show consideration for other students around them by:

- Keeping noise to a minimum
- Using one workstation per person
- Keeping backpacks out of the walkways
- Reporting problems with computers and/or printers

A valid login may be used for assigned purposes only. Sharing access with others is not permitted.

All downloading and saving must be to a 3 $\frac{1}{2}$ " floppy, zip disk, or CD's.

Software may not be copied from the computers or network drives.

Installing any software or games on the computers is prohibited.

Playing games on the computers is prohibited except for class assignments.

Directions must be followed when given by any lab assistant or instructor concerning equipment/facilities or student conduct.

## Internet Use Policy

Internet access is limited to **classroom assignments only**.

The rules and restrictions 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 newsgroups, mailing lists, or individuals, e.g. "spamming", "flooding", or "bombing".

Attempts by students to obtain, manipulate, delete or change the contents of another user's files, passwords, etc., are regarded as infractions of the January 1980 California Computer Crime Penal Code (Senate Bill No. 66). Attempts to "break" the operating system constitute a felony under this law.

# Campus Safety and Security

## Campus Traffic Regulations

The college has posted both maximum speed limits and designated parking areas. It is the responsibility of all students, staff, and visitors to observe and honor these traffic regulations. All violators will be cited.

The issuance of a semester parking permit or daily parking ticket does not guarantee parking availability. The responsibility of finding a legal parking space rests with the motor vehicle operator. Lack of parking spaces on campus is not considered a valid reason for violation of Los Rios parking regulations and California Vehicle Code provisions. Vehicles displaying a valid parking permit may only park in spaces designated for student parking. A valid parking permit or valid daily parking ticket is required from 7:00am to 11:00pm Monday through Thursday, and 7:00am to 5:00pm on Friday whenever classes are in session. Parking regulations will be enforced 24 hours a day, seven days per week (LRCCD-2252).

## Safety Awareness and Crime Prevention

Safety at Folsom Lake College is everybody's business. Students, staff, and faculty are partners with the college in creating an atmosphere that is safe and encourages learning.

Folsom Lake College is a diverse community within a community. At the same time, the college is very much a part of the greater Sacramento metropolitan area and El Dorado County.

The college is a community center for lifelong learning through education, cultural, and recreational programs. Many community members visit and use the services the college offers seven days a week. The college strives to be accessible to the community and welcomes the use of its facilities.

No community, of course, can be totally risk-free in today's society. Folsom Lake College and its centers strongly believes it has a major role in providing a safe learning environment, but, also, is realistic enough to recognize that students, staff and faculty must come together in a strong partnership and use common sense precautions to reduce the opportunity for criminal/anti-social activities. Thefts, assaults, and other crimes happen at Folsom Lake College just as at many other college campuses.

To reduce the possibility that any student may be exposed to potential hazards, Folsom Lake College has taken many steps, described herein, to reduce whatever risks there may be. All of us can further reduce risks by thinking about personal safety and taking common sense precautions.

Safety programs at Folsom Lake College are under the direction of the Vice President of Administration. The college takes a proactive approach to campus safety that is best viewed as education, prevention, and ability to respond to questionable events.

### Safety Education

The key to crime prevention is an awareness gained through education. At Folsom Lake College, the College Police department, staff, faculty, and students work together and take responsibility for their own safety and are ready to help others in time of need. This is a very potent force.

The vast majority of incidents on college campuses can be avoided if the college population recognizes they are potential victims and take basic precautions, such as using the "buddy system" when walking at night, locking car doors, and not leaving valuables unattended. The College Police department is available to meet with groups or individuals to discuss anti-crime tactics or any anti-social activities.

Folsom Lake College encourages reporting of all crimes, even minor crimes, and any suspicious activity. The College Police department would rather have a hundred unfounded calls of suspicious activities than miss one call when a crime is occurring. We need to know about crimes that occur. If we are not informed of a crime, we cannot advise and help students, faculty, and staff.

Crimes occurring on campus should be reported immediately to a College Police officer. When appropriate, College Police will contact the local law enforcement agency for assistance and/or to conduct an investigation. A College Police report will be made; a copy of the report will be made available to the reporting individual provided he/she is the victim of the crime. Officers may be contacted by telephone or by coming to the Police office located at Folsom Lake College on the lower level of the Falcon's Roost or at El Dorado Center in Building 2, room B-128.

### COLLEGE POLICE

Folsom campus: (916) 608-6588  
EDC: (530) 642-5664

### Prevention

The college actively supports crime prevention through a number of programs. These include:

- **Emergency automobile assistance.** While not mechanics, College 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.
- **Firearms.** Firearms are not permitted on campus except for professional law enforcement officers. Persons with firearms on campus will be subject to disciplinary action. (LRCCD Regulation 2441)
- **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. (LRCCD Policy 2443)
- **Emergency Telephones.** Outdoor emergency telephones have been installed at strategic locations throughout the Folsom Lake College main campus. These phones, when accessed, will automatically connect the caller to the College Police department.
- **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. (LRCCD Policy 2441 and 2443)

- **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.** Remember that Folsom Lake College and El Dorado Center follow the same parking regulations as the City of Folsom and the Counties of Sacramento and El Dorado. Vehicles not having a valid parking decal or daily ticket properly displayed will be issued a parking citation. There is a \$275 fine for parking in designated disabled spaces (including hatch marks next to disabled spaces) without a state-issued disabled decal or plate.  
  
Students attending Rancho Cordova Center are reminded that parking is not allowed in spaces designated for other tenants in the business complex between 8:00am and 5:00pm. This is enforced through common courtesy and security patrol.
- **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. (LRCCD Policy 2424).

College Police officers are also available to address classes about prevention of crime.

## Reporting Sexual Assault

### 1.0 Procedure

- 1.1 It is the objective of the college, in accord with EC67385, that students, faculty, and staff who are victims of sexual assault committed at or upon the grounds of or upon off-campus grounds or facilities maintained by the college shall receive information and referral to treatment. This information shall be provided with sensitivity and in consideration of the personal needs of the victim.

### 2.0 Notification

- 2.1 Any student, faculty, or staff member who is a victim of sexual assault at a college facility as defined above should notify the College Police Department. With the consent of the victim, the College Police Department will notify the Dean of Student Development and Enrollment Management.

### 3.0 Legal reporting

- 3.1 Pursuant to legal requirements the College Police Department will notify the appropriate local law enforcement agency of the reported sexual assault.
- 3.2 In accord with the Campus Crime Awareness and Security Act of 1990, the college, on an annual basis, shall notify students and employees of statistics concerning specific types of crime, including sexual assault. This notice shall be made through appropriate publications/mailings.
- 3.3 In case of violent crimes considered to be a threat to other students and employees, the college shall make timely reports, respecting the confidentiality of the victim, to the college community in a manner that will aid in the prevention of similar occurrences.

### 4.0 Campus services and resources

- 4.1 Upon notification of a sexual assault, the College Police Department will make available to the victim a description of campus resources and services available to the victim as well as appropriate off-

campus services. This listing of resources and services shall be updated each September 1 or more frequently as required.

- 4.2 The listing of resources and services shall be available through the College Police Department and the Counseling Department.
- 4.3 A victim of sexual assault shall be provided with information about the existence of at least the following options: criminal prosecutions, civil prosecutions, the disciplinary process through the college, the availability of mediation, academic assistance alternatives, and mental health counseling.

### 5.0 Case management

- 5.1 A victim of sexual assault shall be kept informed by the College President/designee of the status of and disposition of any District/College disciplinary proceedings in connection with the sexual assault.
- 5.2 The Counseling Department shall assist, upon request, the victim of sexual assault in dealing with academic difficulties that may arise because of the victimization and its impact.

### 6.0 Confidentiality and requests for information

- 6.1 The identity of a victim of sexual assault shall remain confidential unless otherwise prescribed by law. Requests for information regarding the sexual assault from the press, concerned students, and parents will be handled by the college Public Information Office in accord with these regulations, the Family Educational Rights and Privacy Act, applicable California Education and Administrative Code sections, and Los Rios Community College District Policy.

### 7.0 Dissemination of Procedure

- 7.1 These procedures shall be published in all student, faculty, and staff handbooks and shall be given to any student or employee who is the victim of sexual assault.

**Students who are required to comply with PC 290 must contact the College Police immediately. (916) 608-6588, lower level of Falcon's Roost on the Folsom campus.**

## The Jeanne Clery Disclosure (2000-2002) of Campus Security Policy and Crime Statistics Act

This information is updated annually and is available to all students, employees, and applicants. Additional information is available from College Police personnel. Any serious crime involving potential bodily harm will be reported promptly to staff and students.

In 1998, the federal government passed "The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act", formerly "The Student Right to Know Act" of 1990. Folsom Lake College must annually distribute statistics on the reported occurrences of the following offenses:

- Murder
- Sex Offenses - forcible (rape, sodomy, rape with a foreign object and forcible fondling (sexual battery))
- Sex Offenses - non-forcible (incest and statutory rape)
- Robbery
- Aggravated Assault
- Burglary
- Motor Vehicle Theft
- Manslaughter
- Arson
- Statistics involving the aforementioned offenses or others involving bodily injury where there is evidence of victim selection based upon actual or perceived race, gender, religion, sexual orientation, ethnicity or disability (hate crimes).
- Arrests or persons referred for campus disciplinary action for liquor law violations, drug abuse violations and weapons possession.

These offenses must be reported according to their occurrence in the following location categories:

- Campus-campus property
- Non-campus building or property-officially recognized by Los Rios Community College District
- Public Property, reasonably contiguous to the campus

These statistics reflect the number of crime reports occurring in the above listed areas from both College Police and other Los Rios Community College District / Folsom Lake College Campus Security Authorities (other than College Police) for the offense categories under The Clery Act of 1998. Although every effort has been made to avoid duplication between College Police and other official reports, individual incidents may be reported more than once within the same calendar year. Furthermore, some incidents reported to and by other College Officials may not actually meet the criteria and guidelines set forth by The Clery Act for mandated reporting purposes.

Criminal activity if any, at off-campus locations are required to be monitored and recorded through local police agencies. This is required under 20 USC 1092(f) The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act.

In cases of criminal activities at off-campus locations, the local agency will create a police report and case number for each incident, pursuant to their own procedures for recording criminal incident reports and using FBI Uniform Crime Reporting standards. LRPD/CRC-FLC shall request these statistics under Clery Act offense categories, for each location that meets the criteria for off-campus property.

All statistics are available in the college catalog and College Police Office.

CRIMINAL OFFENSES	FOLSOM LAKE COLLEGE		
	2002	2003	2004
<b>On-campus</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
Murder/Non-negligent manslaughter	0	0	0
Negligent manslaughter	0	0	0
Sex offenses - Forcible	0	0	0
Sex offenses - Non-forcible (Include only incest and statutory rape)	0	0	0
Robbery	0	0	0
Aggravated assault	0	0	0
Burglary	0	0	4
Motor vehicle theft	0	0	0
Arson	0	0	0
<b>Non-campus</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
Murder/Non-negligent manslaughter	0	0	0
Negligent manslaughter	0	0	0
Sex offenses - Forcible	0	0	0
Sex offenses - Non-forcible (Include only incest and statutory rape)	0	0	0
Robbery	0	0	0
Aggravated assault	0	0	0
Burglary	0	0	0
Motor vehicle theft	0	0	0
Arson	0	0	0
<b>Public Property</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
Murder/Non-negligent manslaughter	0	0	0
Negligent manslaughter	0	0	0
Sex offenses - Forcible	0	0	0
Sex offenses - Non-forcible (Include only incest and statutory rape)	0	0	0
Robbery	0	0	0
Aggravated assault	0	0	0
Burglary	0	0	0
Motor vehicle theft	0	0	0
Arson	0	0	0

HATE OFFENSES	FOLSOM LAKE COLLEGE		
	2002	2003	2004
<b>On-campus</b>			
Murder/Non-negligent manslaughter	0	0	0
Negligent manslaughter	0	0	0
Sex offenses - Forcible	0	0	0
Sex offenses - Non-forcible (Include only incest and statutory rape)	0	0	0
Robbery	0	0	0
Aggravated assault	0	0	0
Burglary	0	0	0
Motor vehicle theft	0	0	0
Arson	0	0	0
Any other crime involving bodily injury	0	0	0
<b>Non-campus</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
Murder/Non-negligent manslaughter	0	0	0
Negligent manslaughter	0	0	0
Sex offenses - Forcible	0	0	0
Sex offenses - Non-forcible (Include only incest and statutory rape)	0	0	0
Robbery	0	0	0
Aggravated assault	0	0	0
Burglary	0	0	0
Motor vehicle theft	0	0	0
Arson	0	0	0
Any other crime involving bodily injury	0	0	0
<b>Public Property</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
Murder/Non-negligent manslaughter	0	0	0
Negligent manslaughter	0	0	0
Sex offenses - Forcible	0	0	0
Sex offenses - Non-forcible (Include only incest and statutory rape)	0	0	0
Robbery	0	0	0
Aggravated assault	0	0	0
Burglary	0	0	0
Motor vehicle theft	0	0	0
Arson	0	0	0
Any other crime involving bodily injury	0	0	0

ARRESTS	FOLSOM LAKE COLLEGE		
	2002	2003	2004
<b>On-campus</b>			
Illegal weapons possession	0	0	0
Drug law violations	0	0	0
Liquor law violations	0	0	1
<b>Non-campus</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
Illegal weapons possession	0	0	0
Drug law violations	0	0	0
Liquor law violations	0	0	0
<b>Public Property</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
Illegal weapons possession	0	0	0
Drug law violations	0	0	0
Liquor law violations	0	0	0

DISCIPLINARY ACTION/JUDICIAL REFERRALS	FOLSOM LAKE COLLEGE		
	2002	2003	2004
<b>On-campus</b>			
Illegal weapons possession	0	0	0
Drug law violations	0	0	0
Liquor law violations	0	0	0
<b>Non-campus</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
Illegal weapons possession	0	0	0
Drug law violations	0	0	0
Liquor law violations	0	0	0
<b>Public Property</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
Illegal weapons possession	0	0	0
Drug law violations	0	0	0
Liquor law violations	0	0	0

# Description of Courses

## Course Numbering System

Folsom Lake College has a standardized course numbering system described below. The numbers are designed to provide students with general information regarding the focus and intent of courses.

Numbering	Designation
1 – 99	Credit courses that are considered developmental or basic skills and are not acceptable for the Associate Degree or transfer credit.
100 – 299	Applicable to the Associate Degree but not transferable to a 4-year institution
300 – 499	Articulated for transfer with four-year institutions and are intended to meet major, general education or elective credit requirements.

Transfer Credit – Courses accepted for transfer by the University of California (UC) and/or California State University (CSU) are listed with the course description and are identified under “course transferable to . . .” Students who have questions regarding transferability of credit for specific courses to specific institutions should consult with a counselor.

## Prerequisites, Corequisites, and Advisories

It is the intent of Folsom Lake College to guide students into courses in which they will have the greatest chance for academic success. Therefore, you will find courses that have prerequisites, corequisites, or advisories in their description. Following are the definitions of these terms:

- A. A “*prerequisite*” is a course that a student is required to have successfully completed (with a “C” or better) in order to demonstrate current readiness for enrollment in a course or educational program.
- B. A “*corequisite*” is a course that a student is required to simultaneously take in order to enroll in another course.
- C. An “*advisory or recommended preparation*” means that the student is advised, but not required to possess a pre/corequisite class or skill level to enroll in the course.

Some prerequisites include the phrase “or equivalent”. This phrase is used to encourage students who have gained the prerequisite skills through other experiences to discuss proper course placement with a counselor.

To demonstrate that you have met the prerequisite, be prepared at the first class meeting to provide either an unofficial transcript showing the appropriate course work or a copy of the appropriate certificate of completion or license.

## Prerequisite Challenge Procedure For Students

If you feel that you can meet the requirements, or one of the conditions below exists, then you can challenge a prerequisite.

A Prerequisite Challenge Form can be obtained from the Admissions & Records office. The form will explain procedures. Criteria for challenging a course are:

1. You have knowledge or ability to succeed in the course without the prerequisite.
2. The course, which provides the prerequisite, is not readily available.
3. You believe that the prerequisite is discriminatory or being applied in that manner.
4. You believe that the prerequisite was established in violation of regulations and/or the established District-approved policy and procedures.

Once you have completed the challenge procedure, a Prerequisite Challenge Committee will review your challenge. You will be informed of the committee’s determination within five instructional working days.

# Accounting

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREE  
CERTIFICATES**

- A.A.—Accounting
- Accounting
- Accounting, Advanced
- Accounting Clerk
- Accounting, Computer Applications

This Folsom Lake College program 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.

**Career Options**

Account Clerk; Accounting Technician; Accountant Trainee; Auditor; Bank Employee/Examiner; Certified Public Accountant; Cost Accountant; Insurance Employment; Revenue Agent (FTB/IRS); Tax Preparer; Bookkeeper for: Accounts Receivable, Accounts Payable, General Ledger, Full-Charge

*Some career options may require more than two years of college study.*

**Highlights**

A traditional course of study in Accounting Fundamentals, three levels of Financial Reporting, Managerial Techniques, State and Federal Income Taxation, Cost Accounting, and Auditing

State-of-the-art software and equipment to provide computerized accounting training

Internships, work experience with local employers for college units, job shadowing, guest speakers from the accounting industry, field trips to accounting offices

A lab with tutorial assistance

**DEGREE**

**A.A.—Accounting**

REQUIRED PROGRAM	Units	
Business Core:		
ACCT 301(1A)	Financial Accounting	4
BUS 310 (8)	Business Communications	3
BUS 330 (15)	Managing Diversity in the Workplace	3
BUS 340 (18A)	Business Law	3
BUS 300 (20)	Introduction to Business	3
BUSTEC 302 (BUS 41)	Computer-Keyboarding	2
MKT 300 (20)	Principles of Marketing or	
MGMT 362 (24)	Techniques of Management	3
CISC 310 (CIS 3)	Intro. to Computer Information Science (3) or	
Three (3) units to include:		
CISC 300 (CIS 1) Computer Familiarization - (1) unit and		
Two (2) additional units selected from:		
CISA 300 (CIS 11A), CISA 310 (CIS 12A), CISA 320 (CIS 13A),		
CISA 330 (CIS 17A), CISA 340 (CIS 15A), CISA 350 (CIS 18A),		
CISC 320 (CIS 14A),		
ECON 302 (1A)	Principles of Macroeconomics or	3
ECON 320 (14)/BUS 320 (14)	Concepts of Personal Finance	3
Accounting Option:		
ACCT 103 (91A)	Intermediate Accounting	3
ACCT 104 (91B)	Intermediate Accounting	3
ACCT 107 (93)	Auditing	3
ACCT 111 (92)	Cost Accounting	3
ACCT 311 (1B)	Managerial Accounting	4
ACCT 341 (5)	Accounting on the Microcomputer	2
BUSTEC 101 (BUS 53)	Computer Keyboarding: 10-Key	1
TOTAL UNITS REQUIRED		46

**Suggested Electives:**

ACCT 125 (77), 498 (98); BUS 341 (18B), 498 (98); CISA 311 (CIS 12B), 321 (13B); Human/Career Development (any course); MGMT 372 (23).

**CERTIFICATE**

**Accounting**

REQUIRED PROGRAM	Units	
ACCT 107 (93)	Auditing	3
ACCT 111 (92)	Cost Accounting	3
ACCT 301 (1A)	Financial Accounting	4
ACCT 311 (1B)	Managerial Accounting	4
ACCT 341 (5)	Accounting on the Microcomputer	2
BUS 340 (18A)	Business Law	3
TOTAL UNITS REQUIRED		19

\*Business 341 recommended for students intending to enter public accounting profession.

**CERTIFICATE**

**Accounting, Advanced**

REQUIRED PROGRAM	Units	
ACCT 301 (1A)	Financial Accounting	4
ACCT 311 (1B)	Managerial Accounting	4
ACCT 125 (77)	Federal and State Taxation	4
ACCT 107 (93)	Auditing	3
ACCT 111 (92)	Cost Accounting	3
BUS 300 (20)	Introduction to Business	3
BUS 340 (18A)	Business Law	3
BUSTEC 101 (53)	Computer Keyboarding: 10-Key	1
TOTAL UNITS REQUIRED		25

**CERTIFICATE**

**Accounting Clerk**

REQUIRED PROGRAM	Units	
BUSTEC 302 (BUS 41)	Computer Keyboarding or	
Keyboarding speed verification at 25 wam or better		0-2
CISC 300 (CIS 1)	Computer Familiarization	1
ACCT 341 (5)	Accounting on the Microcomputer	2
CISA 310 (CIS 12A)	Electronic Spreadsheets	1
ACCT 101 (60)	Fundamentals of College Accounting	3
ACCT 121 (70)	Payroll Accounting	3
BUS 100 (50)	Business English	3
BUS 105 (60)	Business Mathematics	3
BUSTEC 101 (BUS 53)	Computer Keyboarding: 10-Key (1) or	
BUS 498 (98)	Work Experience	1-2
TOTAL UNITS REQUIRED		17-20

**CERTIFICATE**

**Accounting, Computer Applications**

This curriculum is designed for those individuals who wish to become proficient in the use of computers for business accounting purposes. Students who continue their education by pursuing another accounting certificate or an Associate in Arts degree in business may do so without repeating any courses taken during the Computer Applications for Accounting program.

REQUIRED PROGRAM	Units	
ACCT 301 (1A)	Financial Accounting	4
ACCT 311 (1B)	Managerial Accounting	4
ACCT 341 (5)	Accounting on the Microcomputer	2
ACCT 121 (70)	Payroll Accounting	3
CISA 310 (CIS 12A)	Intro to Electronic Spreadsheets	1
CISA 311 (CIS 12B)	Intermed Electronic Spreadsheets	1
CISA 320 (CIS 13A)	Intro to Database Management	1
CISA 321 (CIS 13B)	Intermed Database Management	1
Plus one to three (1-3) units selected from:		
CISC 300 (CIS 1)	Computer Familiarization (1)	
CISC 310 (CIS 3)	Intro to Computer Info Science (3)	1-3
TOTAL UNITS REQUIRED		18-20

## Accounting (ACCT)

### ACCT 101 FUNDAMENTALS OF COLLEGE ACCOUNTING 3 UNITS

Prerequisite: None

Hours: 54 hours LEC

This accounting course focuses on basic accounting practices which emphasizes a practical application approach to the use of accounts, journals, ledgers, and financial statements. This course is recommended for students who intend to seek employment in the business office of a sole proprietorship organized for service or sales activity.

### ACCT 103 INTERMEDIATE ACCOUNTING 3 UNITS

Prerequisite: ACCT 301. Grade of "C" or better required to meet prerequisite.

Hours: 54 hours LEC

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. Special emphasis will be given to the valuation of assets using the Financial Accounting Standards Board (FASB) as authority. Completion of ACCT 103 and 104 is required to complete the "advanced accounting" requirement for accounting classifications in state service. This course is not intended for transfer to a four-year college.

### ACCT 104 INTERMEDIATE ACCOUNTING 3 UNITS

Prerequisite: ACCT 103. Grade of "C" or better required to meet prerequisite.

Hours: 54 hours LEC

This course is a continuing study of the measurement and reporting of the results of operations and the financial position of profit-directed business entities. An emphasis is placed on accounting for stockholder's equity, long-term liabilities, retained earnings, and dividends. This course and ACCT 103 constitute the "advanced accounting" requirement for some professional-level accounting classifications in California state service. This course is not intended for transfer to a four-year college.

### ACCT 107 AUDITING 3 UNITS

Prerequisite: None

Advisory: ACCT 301.

Hours: 54 hours LEC

The procedures and practices used in the verification of financial statement balances and accounting transactions will be the focus of the course. The types of audits and audit occupations as well as the legal liabilities of the auditor will be discussed. This course is acceptable as elective units toward civil service professional accounting education requirements.

### ACCT 111 COST ACCOUNTING 3 UNITS

Prerequisite: None

Advisory: ACCT 311.

Hours: 54 hours LEC

This course is an introduction to cost accounting methods, including job order, process and standard cost system. Special attention will be given to managerial uses of cost accounting. This course is not intended for transfer to a four-year college.

### ACCT 121 PAYROLL ACCOUNTING 3 UNITS

Prerequisite: None

Advisory: ACCT 101.

Hours: 54 hours LEC

This is a study of payroll and personnel records, procedures and regulations. The course will include a study of the various California and Federal laws pertaining to the computation of earnings and withholdings. Payroll tax payment requirements and preparation of the employer's California and Federal payroll tax reports 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 125 FEDERAL AND STATE TAXATION 4 UNITS

Prerequisite: None

Hours: 72 hours LEC

This course is a study of basic Federal and State Income Tax regulations with an emphasis on the skills necessary for the preparation of individual income tax returns. Included are filing requirements, determination of taxable income, allowable deductions, tax computation, tax credits, other taxes, payment methods, and audit procedures. The course is acceptable as elective for civil service professional accounting operations and recommended for accounting majors.

### ACCT 295 INDEPENDENT STUDIES IN ACCOUNTING 1-3 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

### ACCT 299 EXPERIMENTAL OFFERING IN ACCOUNTING .5-4 UNITS

Prerequisite: None

Hours: 72 hours LEC

### ACCT 301 FINANCIAL ACCOUNTING 4 UNITS

Prerequisite: None

Advisory: BUS 105 or MATH 120.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course covers accounting as the basis of an information system with emphasis on concepts and assumptions underlying data accumulation for financial reports. Emphasis is on the preparation of journals, ledgers, work sheets, financial statements, and other summary reports. The course includes units in receivables and payables, inventories, depreciation, forms of business organization, corporate securities, and financial statement analysis.

### ACCT 311 MANAGERIAL ACCOUNTING 4 UNITS

Prerequisite: ACCT 301. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course is a study of the use and reporting of accounting data for managerial planning, cost control, and decision making purposes. The course includes broad coverage of concepts, classifications, and behaviors of costs. Study will include cost-volume-profit relationships, short and long-term budgeting, and contribution reporting.

### ACCT 341 ACCOUNTING ON THE MICROCOMPUTER 2 UNITS

Prerequisite: Two years of high school accounting, ACCT 101 or ACCT 301. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This is a course using the computer to prepare financial accounting statements and reports used in business. Areas of study include general ledger, accounts payable, accounts receivable, inventory, payroll, and depreciation. The ability to type 20-30 wpm and to use a ten-key calculator by the touch method will be useful for completing class assignments. Students may receive two units credit for each topic (software product) offered. Consult the class schedule for specific topics.

### ACCT 495 INDEPENDENT STUDIES IN ACCOUNTING 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### ACCT 498 WORK EXPERIENCE IN ACCOUNTING 1-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### ACCT 499 EXPERIMENTAL OFFERING IN ACCOUNTING .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Administration of Justice

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

<b>DEGREE</b>	A.A. — Administration of Justice A.A. — Administration of Justice, Correctional Science
<b>CERTIFICATE</b>	Administration of Justice, Correctional Science

Never before has there been a greater demand for well-trained and educated professionals in the law enforcement and correctional fields. Folsom Lake College's program concentrates on training individuals for entry-level positions in a wide variety of careers in the Administration of Justice field. Graduates will be able to seek employment at either the local, state, federal or private level. Such careers include corrections, uniform patrol, investigations and criminal identification.

**Career Options**

Police Officer; Deputy Sheriff; Corrections Officer; Parole Officer; Probation Officer; State Police; State Dept. of Justice; Federal Dept. of Justice

Some positions, however, require a four-year degree for which FLC's program is a good base for transfer.

**CERTIFICATE**

**Administration of Justice, Correctional Science**

REQUIRED PROGRAM	Units
ADMJ 340 (52) Introduction to Correctional Services	3
ENGWR 124 (ENGL 59) Writing for the Corrections Officer	3
ADMJ 498 (98) Work Exp in Administration of Justice	2-4
Plus six (6) units selected from:	
ADMJ 341 (53), 320 (61), 345 (64), 347(88)	6
Completion of a College Affiliated Law Enforcement Academy <u>OR</u>	
ADMJ 300 (51) Introduction to Administration of Justice	(3)
ADMJ 330 (80) Criminal Investigation	(3)
ADMJ 331 (82) Parole Procedures	(3)
ADMJ 346 (87) Probation and Parole	(3)
Above Selections Total	12
TOTAL UNITS REQUIRED	26-28

NOTE: In the certificate the two courses among ADMJ 340 (52), 341 (53), 345 (64), and 347 (88) not used to fulfill the core, may be used to fulfill a portion of the units required to substitute for the college-affiliated law enforcement academy.

**DEGREE**

**A.A. — Administration of Justice**

REQUIRED PROGRAM	Units
ADMJ 300 (51) Introduction to Administration of Justice	3
ADMJ 340 (52) Introduction to Correctional Services	3
ENGWR 124 (ENGL 59) Writing for the Corrections Officer	3
ADMJ 320 (61) Concepts of Criminal Law	3
ADMJ 323 (62) Legal Aspects of Evidence	3
ADMJ 305 (72) Community Relations	3
ADMJ 330 (80) Criminal Investigation	3
ADMJ 498 (98) Work Experience in Administration of Justice	2-4
Plus six (6) units selected from:	
ADMJ 322 (71), 331 (82), 370 (84), 304 (86), 346 (87)	6
TOTAL UNITS REQUIRED	29-31

Suggested Electives:

ADMJ 341 (53), 345 (64), 347 (88); PSYC 320 (3), 351 (7); SOC 321 (5); CISA 300 (CIS 11A) & CISA 301 (CIS 11B)

**DEGREE**

**A.A. — Administration of Justice, Correctional Science**

REQUIRED PROGRAM	Units
ADMJ 340 (52) Introduction to Correctional Services	3
ENGWR 124 (ENGL 59) Writing for the Corrections Officer	3
ADMJ 341 (53) Control & Supervision in Corrections	3
ADMJ 320 (61) Concepts of Criminal Law	3
ADMJ 345 (64) Legal Aspects of Corrections	3
ADMJ 347 (88) Correctional Counseling & Interviewing	3
ADMJ 498 (98) Work Experience in Administration of Justice	2-4
Completion of a College Affiliated Law Enforcement Academy <u>OR</u>	
ADMJ 300 (51) Introduction to Administration of Justice	(3)
ADMJ 346 (87) Probation and Parole	(3)
ADMJ 305 (72) Community Relations	(3)
ADMJ 330 (80) Criminal Investigation	(3)
Above Selections Total	12
TOTAL UNITS REQUIRED	32-34

Suggested Electives:

ADMJ 323 (62), 322 (71), 370 (84), 304 (86); PSYC 320 (3), 350 (7); SOC 321 (5); CISA 300 (CIS 11A) & CISA 301 (CIS 11B)

## Administration of Justice (ADMJ)

**ADMJ 300 INTRODUCTION TO ADMINISTRATION OF JUSTICE 3 UNITS**

Prerequisite: None

Advisory: Eligibility for ENGWR 101 and ENGRD112.

Course Transferable to UC/CSU

Hours: 54 hours LEC

The history and philosophy of justice as it evolved in the study of American and English systems. An in-depth study of the American system and the various sub-systems; roles and role expectations of criminal justice agents in their interrelationships in society; concepts of crime causation, punishments and community relations; ethics, education and training for professionalism in the justice system.

**ADMJ 304 JUVENILE DELINQUENCY 3 UNITS**

Prerequisite: ADMJ 300 and 340. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

Organization, functions and jurisdiction of juvenile agencies; the processing and detention of juveniles; juvenile case disposition; juvenile statutes and court procedures.

**ADMJ 305 COMMUNITY RELATIONS 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

Survey of the community relations problems currently facing the nation. Includes local, state and federal programs; methods of practical application of expounded ideals; directions for future innovation and change. Concepts of human relations applied to administration of justice problems.

**ADMJ 320 CONCEPTS OF CRIMINAL LAW 3 UNITS**

Prerequisite: None

Advisory: ADMJ 300 and 340.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Philosophy and structure of criminal law; emphasis given to specific crimes, related laws and codes, annotations to codes and case studies.

**ADMJ 322 CRIMINAL PROCEDURES 3 UNITS**

Prerequisite: None

Advisory: Eligibility for ENGWR 101 and ENGRD 112. ADMJ 300 and 340 is recommended.

Course Transferable to CSU

Hours: 54 hours LEC

This course will study the justice system. Topics will include bail extradition and rendition; order of trial, motions, writs and appeals; limitations of prosecuting; rights of defendant; judgment and sentence.

**ADMJ 323 LEGAL ASPECTS OF EVIDENCE 3 UNITS**

Prerequisite: None

Advisory: ADMJ 300 and 340.

Course Transferable to CSU

Hours: 54 hours LEC

Search and seizure concepts, the exclusionary rule, the kinds and degrees of evidence, considerations governing the admissibility of evidence in courts, rules of evidence, case studies.

**ADMJ 330 CRIMINAL INVESTIGATION 3 UNITS**

Prerequisite: None

Advisory: ADMJ 300 and 340.

Course Transferable to CSU

Hours: 54 hours LEC

Fundamentals involved in the investigation of crimes; interrogation of victims, witnesses, and suspects; police organization and procedure in the investigation of crimes; crime scene searches; surveillance; use of scientific aids.

**ADMJ 331 PATROL PROCEDURES 3 UNITS**

Prerequisite: ADMJ 300 and 340. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

Organization of the patrol division; types of patrol; patrol duties; tactics and methods. Role of the patrol officer in community relations; crime prevention; police professionalization and minority group problems.

**ADMJ 332 EVIDENCE AND THE LABORATORY 3 UNITS**

Prerequisite: ADMJ 300 and 340. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

Introduction of the field of criminalistics; the role of the laboratory in the administration of justice system; degrees and limits of scientific conclusions; introduction to technical equipment; examination of characteristics; properties and means of analyzing categories of physical evidence. Students may wish to challenge the prerequisite on the basis of equivalent experience.

**ADMJ 334 TRAFFIC PROBLEMS 3 UNITS**

Prerequisite: ADMJ 300 and 340. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

Traffic unit organization; the highway safety program; police traffic supervision; traffic direction and law enforcement. Fundamentals of traffic accident investigation; provisions of the vehicle code; police traffic problems.

**ADMJ 340 INTRODUCTION TO CORRECTIONAL SERVICES 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

Survey of the Criminal Justice system with emphasis on the contemporary correctional process. Description and evaluation of the impact of deviate behavior, police involvement, jails, the judicial system, correctional institutions, probation, parole and community resources. Introduction to career opportunities in corrections.

**ADMJ 341 CONTROL AND SUPERVISION IN CORRECTIONS 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

The philosophy and theory of supervision is a major component in the core knowledge of a professional corrections field. This course is designed as a core course in an associate degree in Correctional Science and is one of the courses certifiable by the Commission on Correctional Peace Officers Standards and Training as a part of the education of corrections professionals.

**ADMJ 342 GANGS AND CORRECTIONS 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to provide the student with a specialized field of knowledge as it relates to the correctional impact of gangs. Following a development of the history of gangs and the issues associated with the number of gangs, the course will focus on the emergence of prison gangs following a series of changes within correctional systems. Included in the course will be review of the types of gangs and the criminal activities associated with these gangs. Special emphasis is placed on the gang and correctional issues including identification, intake, classification, communication and trends. Psychological and sociological dynamics are explored. Institutional management as well as future trends will be examined.

**ADMJ 343 SUPERVISION IN CORRECTIONS 3 UNITS**

Prerequisite: ADMJ 340. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

After introducing the theory and practices of supervision as it is practiced in the business and public sector, this course will focus on the skills and knowledge of supervision as applied in corrections. Examples, scenarios and case studies from both juvenile and adult corrections and parole will be utilized. Students in this course should have some experience or education in the corrections field. The intent of this course is to provide the student with a basic understanding of the subject which can be the foundation for further agency specific training.

**ADMJ 344 LEADERSHIP DEVELOPMENT IN CORRECTIONS 3 UNITS**

Prerequisite: ADMJ 340. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

This course is an introduction to leadership theory and practice. Although the primary setting for leadership examples are the correctional environment, they are related to the more general leadership styles and theories of government and business. Emphasis is given to leadership skills and experiences which will be of benefit to an individual with background (either educational or experiential) in corrections at the local, state or federal level.

**ADMJ 345 LEGAL ASPECTS OF CORRECTIONS 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course provides students with an awareness of the historical framework, concepts and precedents that guide correctional practice. Course material will broaden the individuals perspective of the corrections environment, the civil right of prisoners and responsibilities and liabilities of corrections officials.

**ADMJ 346 PROBATION AND PAROLE 3 UNITS**

Prerequisite: ADMJ 300 and 340. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

Description of probation and parole as a segment of the criminal justice system. A comparison of organization and objectives as practiced in different jurisdictions. Provides an overview of historical development and theory. A review of goals in treatment of adult and juvenile offenders at municipal, state and federal levels.

**ADMJ 347 CORRECTIONAL COUNSELING AND INTERVIEWING 3 UNITS**

Prerequisite: ADMJ 300 and 340. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

This course is an overview of the techniques in counseling and interviewing available to practitioners in corrections. The student will learn the use of appropriate techniques and theories in confidence building, which may be used by the correctional employees in client interviews and counseling. This is a basic course for students planning to enter or already employed within the correctional science field.

**ADMJ 348 CORRECTIONAL STAFF AND CLIENT RELATIONSHIPS 3 UNITS**

Prerequisite: ADMJ 300 and 340. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

Study of staff attitudes and interaction with clients, family and friends and other agencies in a professional setting. The importance of understanding the dynamics of undesirable behavior; the techniques of correctional employees influencing conformity and desirable behavior in the controlled setting of institutions and in probation and parole situations.

**ADMJ 370 ILLEGAL DRUGS - IDENTIFICATION AND INVESTIGATION 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

The study of current drugs of abuse will include identification, street terms, prices, methods of use, history, and recognizing persons under the influence. The course also examines current law and law enforcement trends including informants, search and seizure, courtroom testimony, and preparation of warrants.

**ADMJ 494 TOPICS IN ADMINISTRATION OF JUSTICE .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**ADMJ 498 WORK EXPERIENCE IN ADMINISTRATION OF JUSTICE 1-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**ADMJ 499 EXPERIMENTAL OFFERING IN ADMINISTRATION OF JUSTICE .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Allied Health

**Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645**

These courses offer valuable technical language skills and information to students pursuing a career in the health field.

**Career Options**

Medical field opportunities

*Some career options may require more than two years of college study.*

**Highlight**

Courses taught by certified health care professionals

## Allied Health (AH)

**AH 110 MEDICAL LANGUAGE FOR HEALTH-CARE PROVIDERS 3 UNITS**

Prerequisite: None

Hours: 54 hours LEC

This course is an orientation to medical language: basic structure of medical terms and their components: prefixes, suffixes, roots, and combining forms with emphasis on analyzation, meaning, 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.

**AH 130 INTRODUCTION TO MEDICAL TRANSCRIPTION 1 UNIT**

Prerequisite: AH 110; BUSTEC 302 and BUS 100. Grade of "C" or better required to meet prerequisite.

Hours: 12 hours LEC ; 18 hours LAB

This course emphasizes transcription of various medical documents into mailable form from prerecorded, authentic physician-dictated reports organized by body systems or medical specialties. This course emphasizes development of accuracy, speed, and medical knowledge for transcription of letters, chart notes, history and physical examination reports, consultations, emergency room reports, operative reports, discharge summaries, laboratory reports, radiology reports and pathology reports. In addition, the following are covered: reference materials and other resources, editing and proofreading techniques, and grammar and punctuation. This course acquaints the student with specialized terminology and provides realistic materials and voices for additional proficiency.

# Anthropology

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

This Folsom Lake College 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.

## Career Options

Anthropologist; Instructor; Museum Curator; Population Analyst; Urban Planner; Transcultural Nursing; Health Researcher; Environmental Impact Analyst; Forensic Science

*Some career options may require more than two years of college study.*

## Highlights

A friendly faculty with many cross-cultural experiences

An anthropology lab experience

## Anthropology (ANTH)

### ANTH 300 PHYSICAL ANTHROPOLOGY 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This introductory course analyzes the human place in nature. The class focuses on how humans evolved and the unique role of culture in our evolution and how genetics and reproduction shape our lives. The course also covers the classification and distribution of living and extinct human populations, how we determine the geological age of our ancestors, and our relationship to non-human primates such as apes and monkeys.

### ANTH 301 PHYSICAL ANTHROPOLOGY LABORATORY 1 UNIT

Prerequisite: None

Advisory: Concurrent or previous enrollment in ANTH 300 or other natural science course.

Course Transferable to UC/CSU

Hours: 54 hours LAB

This is an introductory laboratory course dealing with human evolution, human, ape and monkey bone identification (osteology). Identification and measurement of skeletons, determining age and sex from bones, examination of human fossils, forensics, monkey and ape behavior as well as human development will be covered.

### ANTH 310 CULTURAL ANTHROPOLOGY 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to the varieties of customs and forms of social life of human beings, in both western and non-western peoples, with the aim of understanding the structure and functioning of societies. Also analyzed are multicultural customs and their usefulness in the societies in which they occur and how culture is flexible and adaptive in a variety of settings.

### ANTH 319 VISUAL ANTHROPOLOGY: INTRODUCTION TO ETHNOGRAPHIC FILM 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course provides an introduction to the use of film by anthropologists as a research and educational tool. Students will view and evaluate a series of films depicting different cultures from around the world. Analysis will focus on examining various attributes of ethnographic film and their treatment by a number of anthropological filmmakers.

### ANTH 320 INTRODUCTION TO ARCHAEOLOGY AND WORLD PREHISTORY 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces students to the discipline of archaeology and provides a broad survey of world prehistory. Students will explore the fundamental principles, theoretical approaches and methods utilized by archaeologists to reconstruct prehistory, and will explore a sample of the major developments of human prehistory from the Upper Paleolithic period forward. Examples of the archaeological record will be drawn from all major geographic areas of the world.

### ANTH 330 MAGIC, WITCHCRAFT AND RELIGION 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This is a cross-cultural study of the forms and functions of supernatural beliefs and associated rituals in various societies of Africa, Asia, aboriginal Australia, Oceania, South America, native North America and elsewhere. The emphasis of the course is on understanding beliefs and rituals within their social contexts, and on broad comparisons to derive insight into the general functions of beliefs and rituals in human life. A field trip may be included in the course activities.

### ANTH 390 ANTHROPOLOGY FIELD STUDY .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 12 hours LEC ; 18 hours LAB

This course provides an opportunity for first hand observation of a variety of historic and prehistoric sites in the Sierra foothills environment, as well as an examination of museum collections and presentation techniques of cultural materials. Depending on availability, it includes visits to active excavations in the area. This class is ideal for future teachers and those interested in the interpretation field.

### ANTH 392 PRINCIPLES OF HERITAGE INTERPRETATION 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

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 meanings of the resource. Topics will include: developing audience awareness; understanding resource identification; developing a program using a thematic approach; writing measurable performance objectives; 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.

### ANTH 393 FIELD EXPERIENCE IN ANTHROPOLOGY OR HERITAGE INTERPRETATION 2 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is a cooperative effort between the college and the organizations involved in anthropology or the related field of heritage interpretation. Internship sponsors assist students in acquisition of skills and the application of knowledge learned in the classroom. In addition to developing applied job related skills, students will learn skills in job seeking, career goal setting, team-building, and leadership. During the internship, students will continue to check in with the class to receive input and feedback on their experience. This course requires that the students obtain an internship during the course of the semester that will last a minimum of 54 hours.

### ANTH 495 INDEPENDENT STUDIES IN ANTHROPOLOGY 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### ANTH 499 EXPERIMENTAL OFFERING IN ANTHROPOLOGY .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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## Architecture (ARCH)

### ARCH 310 HISTORY OF ARCHITECTURE 3 UNITS

Prerequisite: None

Advisory: Eligibility for ENGWR 101.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Architecture design theories and practices of the late 19th and 20th century to the present including the Beaux Arts, Art Nouveau, Expressionism, De Stijl international style, Fascist Ideologies, Regionism, Post World War II Amalgamations of Twentieth Century idioms and recent reactions to contemporary standardization.

### ARCH 320 ARCHITECTURAL DESIGN AND COMMUNICATION I 3.5 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 27 hours LAB

This course includes the principles, concepts, methods and skills pertaining to the freehand and drafted construction of drawings employing orthographic, axonometric, oblique, and lineal perspective drawing systems to represent ideas, objects and environments. The principles and concepts of two and three-dimensional visual and architectural design are included. This course is required of all beginning architectural students.

### ARCH 321 ARCHITECTURAL DESIGN AND COMMUNICATION II 3.5 UNITS

Prerequisite: ARCH 320. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 27 hours LAB

This course is a continuation and development of the content and issues introduced in ARCH 320 plus the principles, concepts, methods and skills pertaining to the freehand and drafted construction of shadows, physical model building, entourage and color theory.

### ARCH 495 INDEPENDENT STUDIES IN ARCHITECTURE 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC

### ARCH 498 WORK EXPERIENCE IN ARCHITECTURE 1-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### ARCH 499 EXPERIMENTAL OFFERING IN ARCHITECTURE .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Art

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

## DEGREE

A.A. — Art, Studio Art  
A.A. — Art, Design  
A.A. — Art, Art History

Folsom Lake College's art curriculum offers introductory and intermediate level courses in painting, watercolor, computer art, drawing, sculpture, ceramics, printmaking and design, as well as courses in art appreciation and art history. Through the program's art theory and art practice 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. This program provides transfer and employment opportunities as well as personal enrichment for students. The art faculty is composed of professional artists with diverse specializations encompassing the spectrum of the classes offered.

### Career Options

Painter; Sculptor; Ceramist; Art Instructor; Illustrator; Printmaker; Computer Publishing Specialist; Commercial Designer; Gallery Director; Graphic Artist; Computer Artist

*Some career options may require more than two years of college study.*

### Highlights

Art faculty who have exhibited regionally, nationally and internationally

Opportunities to explore artistic pursuits in two- and three-dimensional media using a wide variety of materials and techniques

Regularly scheduled trips to major museums

Guest lectures and demonstrations

## DEGREE

### A.A. — Art, Studio Art

REQUIRED PROGRAM .....	Units
ART 300 (11A) Elementary Drawing and Composition.....	3
ART 304 (12A) Figure Drawing and Composition .....	3
ART 320 (14) Design: Fundamentals.....	3
ART 370 (16) Three-Dimensional Design.....	3
ARCH 320 (3) Architectural Design and Communication I.....	3.5
Plus two (2) art history courses selected from:.....	6
ARTH 303 (ART 3), ARTH 309 (ART 4), ARTH 311 (ART 5), ARTH 312 (ART 35), ARTH 332 (ART 9)	
Plus three (3) courses from chosen area (i.e., painting, drawing, sculpture):...9	
ART 302 (11B), 305 (12B), 327 (17A), 328 (17B), 336 (20A), 337 (20B), 372 (21A), 373 (21B), 402 (34A), 404 (34B), 361 (39A), 410 (40)	
Special Projects:	
ART 494 (42) or 499 (49).....	2
TOTAL UNITS REQUIRED .....	32.5

## DEGREE

### A.A. — Art, Design

REQUIRED PROGRAM .....	Units
ART 300 (11A) Elementary Drawing and Composition.....	3
ART 304 (12A) Figure Drawing and Composition.....	3
ART 320 (14) Design: Fundamentals.....	3
ART 323 (15B) Design: Color Theory .....	3
ART 370 (16) Three-Dimensional Design.....	3
ARCH 320 (3) Architectural Design and Communication I.....	3.5
Plus one (1) course selected from: .....	2-3
CISA 330 (CIS 17A), CISA 331 (CIS 17B); JOUR 335 (35A), 336 (35B)	
Plus one (1) art history course from:.....	1-3
ARTH 303 (ART 3), ARTH 309 (ART 4), ARTH 311 (ART 5), ARTH 312 (ART 35); PHOTO 300 (1), ARTH 332 (ART 9)	
Special Projects:	
ART 494 (42) or 499 (49).....	2
TOTAL UNITS REQUIRED .....	23.5-26.5

## DEGREE

### A.A. — Art, Art History

REQUIRED PROGRAM .....	Units
ARTH 303 (ART 3) Art Survey: Ancient to 14th Century .....	3
ARTH 309 (ART 4) Art Survey: Renaissance to 19th Century .....	3
ARTH 311 (ART 5) Art Survey: Modern Art.....	3
Plus three (3) courses selected from: .....	7-9
HUM 300 (1), 310 (2), 320 (3), 332 (7);	
ARCH 310 (40);	
ARTH 332 (ART 9), 312 (ART 35);	
PHOTO 300 (1)	
Plus one (1) studio course selected from: .....	3-3.5
ART 300 (11A), 304 (12A), 320 (14), 327 (17A), 336 (20A);	
ARCH 320 (3)	
Special Projects:	
ART 494 (42) or 499 (49).....	2
TOTAL UNITS REQUIRED .....	21-23.5

## Art (ART)

### ART 300 ELEMENTARY DRAWING AND COMPOSITION 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course covers the fundamentals of drawing emphasizing the use of line, shape, value, perspective, space, and composition. It introduces and uses various mediums and techniques for drawing. This is a foundation requirement for all art students. This course may be taken two times for credit.

### ART 302 ELEMENTARY DRAWING AND COMPOSITION 3 UNITS

Prerequisite: ART 300. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This studio course utilizes the skills acquired in ART 300 to pursue more complex problems. The student will initiate and execute a series of related works. This course may be taken two times for credit.

### ART 304 FIGURE DRAWING AND COMPOSITION 3 UNITS

Prerequisite: ART 300. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This studio class offers drawing from the human figure. There will be lectures and discussion on proportion, anatomy, and the relationship of the figure to space and composition. This course may be taken two times for credit. This course has an additional lab fee. Student may wish to challenge the prerequisite by presenting to the instructor a portfolio of their work.

### ART 305 FIGURE DRAWING AND COMPOSITION 3 UNITS

Prerequisite: ART 304. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course utilizes the skills acquired in ART 304 to pursue more complex work in figure drawing. There will be lecture, class work, and discussion of proportion, anatomy, and the relationship of the figure to its environment spatially and compositionally. This course may be taken two times for credit.

### ART 307 RENDERING 3 UNITS

Prerequisite: ART 300. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course covers problems in linear and tonal drawing techniques resulting in the accurate representation of objects and environments. This course may be taken two times for credit.

**ART 312 PORTRAIT DRAWING 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

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 rather than a generalized image. This is primarily a practice course including elements of the history and traditions of portraiture as well as anatomy. The course may be taken two times for credit.

**ART 316 CARTOONING 3 UNITS**

Prerequisite: ART 300. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is an introduction to cartoon drawing, styles, and content development as used for comic strips, commercial art, graphic design, periodicals, political cartoons, and animation. This course may be taken two times for credit.

**ART 320 DESIGN: FUNDAMENTALS 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is comprised of lectures and projects concentrating on the elements of design (line, shape, color, texture, form, space) and the principles of organization (such as unity, variety, contrast, balance, emphasis, etc.) as applicable to both the fine and applied arts.

**ART 323 DESIGN: COLOR THEORY 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

The course will cover a series of studio problems in the use and understanding of color and its applications in fine and applied arts such as graphic, interior, and product design. The basics of color theory, interaction, and psychology will be addressed in lecture and projects. It also includes image and composition as related to the use of color both functionally and creatively.

**ART 327 PAINTING 3 UNITS**

Prerequisite: ART 300. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This is an introduction to the tools, materials, and techniques of painting. Coursework includes exercises in light and color theory, description of form, color and spatial development, and composition. This course may be taken two times for credit.

**ART 328 PAINTING 3 UNITS**

Prerequisite: ART 327. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This is an intermediate studio course for the student who wishes to develop greater technical skills and problem-solving ability in a more independent framework. The student will initiate and execute progressively complex problems and assignments. This course may be taken two times for credit.

**ART 336 WATERCOLOR PAINTING 3 UNITS**

Prerequisite: ART 300. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This is an introduction to transparent watercolor painting. The class covers media, methods of brush painting, representational and non-representational composition, color relationships, and creative resolutions to watercolor problems. This course may be taken two times for credit.

**ART 337 INTERMEDIATE WATERCOLOR PAINTING 3 UNITS**

Prerequisite: ART 336. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This class builds on skills developed in ART 336. It includes an in-depth study of contemporary methods and concepts in transparent watercolor. Emphasis is given to different approaches in watercolor, composition, technical problems and solutions, and individual style development. This course may be taken two times for credit. Students may wish to challenge the prerequisite on the basis of equivalent experience.

**ART 361 PRINTMAKING: SURVEY 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This is a printmaking survey course which may include relief (wood and linoleum), Intaglio (etching and drypoint), stencil (silkscreening) and monoprint processes. This course may be taken two times for credit. This course has an additional lab fee.

**ART 370 THREE DIMENSIONAL DESIGN 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This is a studio course covering the analysis of historical and contemporary designs and the resolution of technical and conceptual problems (using a variety of media such as: wood, fabric, glass, etc.) by the creation of 3-dimensional forms. Form, color, space, composition, and other formal values are integrated throughout the semester.

**ART 372 SCULPTURE 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This is a basic practice class in the expressive use of form and color in space. The student will use a variety of media, including plaster, wood, glass, clay, or stone. Creative effort, development of individual expression, new ideas, and knowledge of technical processes will be stressed. Content will be developed by using both historical and contemporary approaches. This course may be taken two times for credit.

**ART 373 SCULPTURE 3 UNITS**

Prerequisite: ART 372. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course further develops concepts and techniques acquired in ART 372 in the expressive use of form and color in space. The student will concentrate on given aspects of spatial relationships and the concept of a series, related grouping, or progression of sculpture. This course may be taken two times for credit. Students may wish to challenge the prerequisite on the basis of equivalent experience.

**ART 383 METAL DESIGN: EMPHASIS IN FABRICATION 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

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. Basic methods and techniques for use with silver and base metals will be covered.

**ART 402 BEGINNING CLAY SCULPTURE 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is an introduction to the basic hand-building techniques and methods. The class includes glazing and firing processes used in clay sculpture. Lectures and group discussions will be conducted in connection with the course. This class may be taken two times for credit.

**ART 404 INTERMEDIATE CLAY SCULPTURE 3 UNITS**

Prerequisite: ART 402. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

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. This class may be taken two times for credit.

**ART 430 ART AND CHILDREN 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This is an exploratory course in children's art, dealing with the three aspects of art: seeing and feeling visual relationships, producing works of art, and knowing and understanding art objects. At each age and grade level, art will be selected as it relates to the child's growth and development. Suggested for recreational leadership, preschool or elementary teachers, and care givers.

**ART 494 TOPICS IN ART .5-4 UNITS**

Prerequisite: None

Advisory: ART 300 and 320.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Designed to give students an opportunity to study topics not included in current course offerings. May be taken four times for credit, providing there is no duplication of topics.

**ART 495 INDEPENDENT STUDIES IN ART 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**ART 499 EXPERIMENTAL OFFERING IN ART .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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## Art History (ARTH)

**ARTH 300 INTRODUCTION TO ART 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This is an overview of the visual arts including: drawing, sculpture, artifacts, architecture, painting, and printmaking. We will examine the materials, methods, and design principles of creating. This course is recommended as a basis for the understanding of art.

**ARTH 303 ART SURVEY: ANCIENT TO 14TH CENTURY 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course traces the developments in art from pre-historic times through the 14th Century. Emphasis will be given to artifacts, architecture, painting, and sculpture.

**ARTH 309 ART SURVEY: RENAISSANCE TO 19TH CENTURY 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course covers the architecture, graphic art, artifacts, painting and sculpture of world cultures from Renaissance period through the 19th Century.

**ARTH 311 ART SURVEY: MODERN ART 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course presents the study and evaluation of diverse art forms from late 19th Century through the 21st Century.

**ARTH 312 WOMEN IN ART 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This is a survey course of women's art from the Middle Ages to the present; including the art of both European and non-European cultures. This course is presented through slide lecture and discussion which will include historical and cultural context, limitations imposed by society, and the differences and similarities of other artists in each period.

**ARTH 326 TRADITIONAL NATIVE AMERICAN ART 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

Traditional Native American cultures exemplified their religious philosophy and reverence for nature in the utilitarian and art objects they created with clay, stone, fiber and wood. This class introduces the history, culture, mythology and art of the Southwest, Nevada and California Native Americans.

**ARTH 332 ASIAN ART 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to and comparative survey of the major forms and trends in the arts, architecture and artifacts of Asia from the Neolithic to the contemporary. The role of secular and religious ideas and ideals are examined, the similarities and differences among the cultures are assessed and the contributions to world culture will be appraised to create understanding, appreciation and tolerance.

**ARTH 499 EXPERIMENTAL OFFERING IN ART HISTORY .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Automotive Mechanics Technology

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

The Automotive Mechanics Technology courses emphasize developing skills required for efficient maintenance of the automobile. Folsom Lake College offers a few basic courses in the Automotive Technology area. Because FLC is not a certified NATEF college the courses we teach in Automotive Mechanics Technology may not be accepted by the programs at American River College or Cosumnes River College.

#### Career Options

Auto Technician; Field Service/Sales Representative.

#### Highlights

Qualified Instructors

Class sizes with an excellent teacher/student ratio

## Automotive Mechanics Tech (AMT)

### AMT 300 AUTOMOTIVE FUNDAMENTALS AND SHOP PROCEDURES 4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 72 hours LEC

A basic study of the mechanical operations of the automobile directed toward the principles and operation of the automotive engine, engine support systems, the drive train, steering, suspension and brakes. Hand tools, shop equipment and shop procedures will be demonstrated to familiarize the students with the automotive industry.

### AMT 308 LATE MODEL CAR CARE AND MAINTENANCE 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed for the service technician and late model car owner wishing to perform or schedule car maintenance. This course will provide both men and women with basic automotive repair procedures and a fundamental understanding of how various automotive components and systems work. Use of the owner's manual, repair orders and other resources will be emphasized along with the development of a preventative maintenance schedule.

### AMT 320 AUTOMOTIVE IGNITION SYSTEMS 3 UNITS

Prerequisite: None

Advisory: AMT 300 and 302.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

A thorough examination of the automotive ignition system, including its function, primary circuit, secondary circuit, diagnosis of electrical troubles, and assembly and repair of equipment including distributorless ignition systems.

### AMT 495 INDEPENDENT STUDIES IN AUTOMOTIVE MECHANICS TECHNOLOGY 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### AMT 498 WORK EXPERIENCE IN AUTOMOTIVE MECHANICS TECHNOLOGY 1-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### AMT 499 EXPERIMENTAL OFFERING IN AUTOMOTIVE MECHANICS TECHNOLOGY .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Biology

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

## DEGREE A. S. — Biology: Biological Sciences

Folsom Lake College's Biology program offers courses which satisfy general education requirements in Life Sciences, are prerequisites for a degree in the Environmental Sciences or the health professions. In addition, the program helps prepare students for transfer opportunities to four-year programs in biological sciences, nursing, physical therapy, and programs leading to careers in teaching, medicine, dentistry, veterinary medicine, etc. 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.

### Career Options

Nursing/Physician's Assistant/Physical Therapy; Teaching; Microbiology; Wildlife Biology; Marine Biology; Pharmacy; Medicine/Dentistry/Veterinary Medicine; Optometry; Research; Nutrition

Some career options may require more than two years of college study. Classes beyond the associate degree may be required to fulfill some career options or for preparation for transfer to a university program.

### PRE-NURSING OPTION

BIOL 440 (6)	General Microbiology .....	4
BIOL 430 (25)	Anatomy and Physiology.....	5
BIOL 431 (26)	Anatomy and Physiology.....	5
CHEM 305 (307, 2A)	Introduction to Chemistry.....	4
CHEM 306 (308, 2B)	Introduction to Chemistry.....	4
NUTRI 300 (10)	Nutrition .....	3
FCS 324 (38)	Human Development: A Life Span.....	3
PSYC 300 (1)	General Principles (3) or	
PSYC 320 (3)	Social Psychology (3).....	3
TOTAL UNITS REQUIRED.....		31

NOTE: This degree is designed for students intending to transfer to a nursing program at a four-year college or university. It does not prepare the student for immediate employment as a nurse. Students earning a nursing degree will need to complete several lower division nursing classes when transferring.

Associate of Science Degree (A.S.) may be obtained by completion of the Required Program, plus General Education requirements, plus sufficient electives to meet a 60 unit total.

TOTAL UNITS REQUIRED: ..... 31-57  
(Depending on option selected)

## DEGREE

### A.S.—Biology: Biological Sciences

This degree is designed to meet common lower division requirements for a major in one of the biological sciences, nursing, or pre-professional health fields.

REQUIRED PROGRAM .....	Units
<b>BIOLOGY CONCENTRATION OPTION</b>	
BIOL 400 (1A) Principles of Biology.....	5
BIOL 410 (2) Principles of Botany.....	5
BIOL 420 (3) Principles of Zoology .....	5
CHEM 400 (1A) General Chemistry .....	5
CHEM 401 (1B) General Chemistry .....	5
MATH 350 (16A) Calculus for the Life & Social Sciences I (3) and	
MATH 351 (16B) Calculus for the Life & Social Sciences II (3) or	
MATH 400 (9A) Analytic Geometry and Calculus I (5) and	
MATH 401 (9B) Analytic Geometry and Calculus II (5).....	6-10
PHYS 350 (5A) General Physics (4) and	
PHYS 360 (5B) General Physics (4) or	
PHYS 411 (4A) Mechanics of Solids and Fluids (4) and	
PHYS 421 (4B) Electricity and Magnetism (4) and	
PHYS 431 (4C) Heat, Waves, Light & Modern Physics (4) .....	8-12
TOTAL UNITS REQUIRED .....	39-47

### HEALTH SCIENCE / PRE-PROFESSIONAL OPTION

BIOL 400 (1A) Principles of Biology.....	5
BIOL 410 (2) Principles of Botany.....	5
BIOL 420 (3) Principles of Zoology .....	5
CHEM 400 (1A) General Chemistry .....	5
CHEM 401 (1B) General Chemistry .....	5
CHEM 420 (12A) Organic Chemistry .....	5
CHEM 421 (12B) Organic Chemistry.....	5
MATH 350 (16A) Calculus for the Life & Social Sciences I (3) and	
MATH 351 (16B) Calculus for the Life & Social Sciences II (3) or	
MATH 400 (9A) Analytic Geometry and Calculus I (5) and	
MATH 401 (9B) Analytic Geometry and Calculus II (5).....	6-10
PHYS 350 (5A) General Physics (4) and	
PHYS 360 (5B) General Physics (4) or	
PHYS 411 (4A) Mechanics of Solids and Fluids (4) and	
PHYS 421 (4B) Electricity and Magnetism (4) and	
PHYS 431 (4C) Heat, Waves, Light & Modern Physics (4) .....	8-12
TOTAL UNITS REQUIRED .....	49-57

## Biology (BIOL)

### BIOL 300 THE FOUNDATIONS OF BIOLOGY 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of major topics in the biological sciences for the non-science major with an emphasis on human biology. 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 307 BIOLOGY OF ORGANISMS 4 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is a general biology course focusing on a survey of the plant and animal kingdoms. The course covers the general principles of biology including: methods of science, cell organization, genetics, evolution, ecology, biodiversity, and anatomy. These principles are explored in more depth through the examination of additional topics which may include: disease and epidemiology, physiological ecology, animal behavior, biotechnology, population growth and regulation, ecosystem ecology, and conservation biology. Evolution and biodiversity are continuing themes running throughout the course and are included in each major topic. The course is designed for non-science majors and is especially useful for liberal studies, elementary education, environmental studies, recreation, and similar majors.

### BIOL 310 GENERAL BIOLOGY 4 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course is a survey of biological science with an emphasis on human biology. It is intended for the non-science major as well as environmental technology majors. Units 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.

**BIOL 323 ETHNOBOTANY 4 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This introductory course focuses on the concepts, questions, and methods of ethnobotany, 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 structure and reproduction, the role of biodiversity in natural and cultivated systems, plant evolution under domestication, sustainable use of resources, ethnobotanical research techniques and ethical issues, and comparison of plant use by various cultures for food, medicine, shelter, basketry, and dyes. Laboratory topics include plant identification, experimental investigation of medicinal and food value of selected plants, traditional preparation of selected plants, preparation of herbarium specimens, and analysis of plant fibers and dyes. Field trips are required.

**BIOL 332 INTRODUCTION TO ORNITHOLOGY 2 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This course covers the structure, physiology, ecology, behavior, reproduction, and classification of birds. Field trips are required during class time to study bird identification, behavior, and ecology.

**BIOL 350 ENVIRONMENTAL BIOLOGY 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides an overview of ecosystems and natural resources. Major topics covered include ecological principles, ecosystem functioning, conservation biology, resource use and management, pollution and other human-caused environmental impacts. This course provides the background needed to understand major global and regional issues such as acid rain, global warming, hazardous waste disposal, deforestation and endangered species recovery. BIOL 350 is especially useful for Environmental Technology, Environmental Sciences, Ecology, Recreation, Education and Political Science majors. Field trips, attendance at public meetings and/or a semester project may be required. Not open to students who have received credit for ENVT 304.

### Natural History Field Studies at Folsom Lake College

Nature is often the best classroom! Come experience classrooms without walls with Folsom Lake College's Natural History Field Study courses. These courses consist of short classroom sessions followed by extended trips to some of the most unique and beautiful environments in California and Nevada. From walking underneath the majestic redwoods in Humboldt County to watching whales breach in Monterey Bay to snowshoeing in Yosemite National Park, you will gain a greater understanding of the world around you and will build memories for the rest of your life. Learn outside yourself and discover the natural wonders that are available in California and Nevada.

**BIOL 380-390  
NATURAL HISTORY FIELD STUDY**

This course will study the ecology and natural history covered in the field. Animals, plants and geology will be studied and their interrelationships investigated. The course(s) will be offered in the appropriate area (mountains, desert or seashore and ocean). 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 future teachers, parents, resource management majors and those interested in the biological sciences.

**BIOL 380 NATURAL HISTORY FIELD STUDY OF COASTAL ECOSYSTEMS  
1-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 36 hours LEC ; 102 hours LAB

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/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 future teachers, parents, resource management majors and those interested in the biological sciences.

Course Trips:

Gulf of the Farallones National Marine Sanctuary 1 unit

Ano Nuevo State Marine Reserve 1 unit

Coastal Tidepools: Ecology and Natural History 1 unit

**BIOL 382 NATURAL HISTORY FIELD STUDY OF DESERT ECOSYSTEMS  
1-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 12 hours LEC ; 18 hours LAB

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/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 future teachers, parents, resource management majors and those interested in the biological sciences.

Course Trips:

Natural History of Desert Lakes: Mono Lake 1 unit

Natural History of Desert Lakes: Pyramid Lake 1 unit

Natural History of Desert Lakes: Eagle Lake, Honey Lake, and the Sierra Valley 1 unit

**BIOL 384 NATURAL HISTORY FIELD STUDY OF FOREST ECOSYSTEMS  
1-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 12 hours LEC ; 18 hours LAB

This course will study the ecology and natural history of forest ecosystems covered in the field. Animals, plants, geology, and environmental impacts unique to forest 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. This course is ideal for future teachers, parents, resource management majors and those interested in the biological sciences.

Yosemite High Country and Eastern Sierra Nevada 1 unit

Ecology of the Sierra Nevada: Carson and Ebbett's Pass Region 1 unit

**BIOL 386 NATURAL HISTORY FIELD STUDY OF MARINE ECOSYSTEMS  
1-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 12 hours LEC ; 18 hours LAB

This course will study the ecology and natural history of marine ecosystems covered 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 future teachers, parents, resource management majors and those interested in the biological sciences.

Humboldt Bay National Wildlife Refuge 1 unit

**BIOL 388 NATURAL HISTORY FIELD STUDY OF RIVER ECOSYSTEMS 1-4  
UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 12 hours LEC ; 18 hours LAB

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. Campsites will be available. This course is ideal for future teachers, parents, resource management majors and those interested in the biological sciences.

Course Trips:

Springtime in the Sacramento River Valley Complex 1 unit

**BIOL 389 NATURAL HISTORY FIELD STUDY OF WETLAND ECOSYSTEMS****1-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 36 hours LEC ; 102 hours LAB

This course will study the ecology and natural history of wetland ecosystems covered in the field. 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 lodging or camping equipment and meals. Campsites will be available. This course is ideal for future teachers, parents, resource management majors and those interested in the biological sciences.

Course Trips:

Elkhorn Slough Natural Marine Reserve 1 unit

Northern Sacramento Valley Wetlands 1 unit

The Heart of the Delta 1 unit

**BIOL 390 NATURAL HISTORY FIELD STUDY .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 36 hours LEC ; 102 hours LAB

This course will study the ecology and natural history covered in the field. Animals, plants and geology will be studied and their interrelationships investigated. The course(s) will be offered in the appropriate area (mountains, desert or seashore and ocean). 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 future teachers, parents, resource management majors and those interested in the biological sciences.

Course Trips:

The Winter Wildlife of the Sacramento-San Joaquin Delta 0.5 unit

The California Gray Whale: Ecology &amp; Natural History 0.5 unit

Whales-Whales: Marine Mammals of California 1 unit

**BIOL 392 PRINCIPLES OF HERITAGE INTERPRETATION 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

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 meanings of the resource. Topics will include: developing audience awareness; understanding resource identification; developing a program using a thematic approach; writing measurable performance objectives; 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 Anthropology 392 or History 392.

**BIOL 393 FIELD EXPERIENCE IN BIOLOGY OR HERITAGE INTERPRETATION 2 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is a cooperative effort between the college and the organizations involved in the biological sciences or the related field of heritage interpretation. Internship sponsors assist students in acquisition of skills and the application of knowledge learned in the classroom. In addition to developing applied job related skills, students will learn skills in job seeking, career goal setting, team-building, and leadership. During the internship, students will continue to check in with the class to receive input and feedback on their experience. This course requires that the students obtain an internship during the course of the semester that will last a minimum of 54 hours.

**BIOL 400 PRINCIPLES OF BIOLOGY 5 UNITS**

Prerequisite: CHEM 400 with grades of "C" or better. CHEM 400 may be taken concurrently.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

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.

**BIOL 410 PRINCIPLES OF BOTANY 5 UNITS**

Prerequisite: BIOL 400. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This course introduces the biology of plants, fungi, cyanobacteria, and algae. Topics covered include the anatomy and physiology, development, classification, evolution and ecology of botanical organisms. Some labs involve local field trips; a weekend field trip may be required (an alternative assignment will be available).

**BIOL 420 PRINCIPLES OF ZOOLOGY 5 UNITS**

Prerequisite: BIOL 400. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This course is an introduction to 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.

**BIOL 430 ANATOMY AND PHYSIOLOGY 5 UNITS**

Prerequisite: CHEM 300, 305, or 400, or equivalent (Biology Dept will advise Counseling of equivalencies.)

Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours DIS

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.

**BIOL 431 ANATOMY AND PHYSIOLOGY 5 UNITS**

Prerequisite: BIOL 430. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

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, digestive, urinary, endocrine and reproductive systems. Both BIOL 430 and BIOL 431 must be taken to study all of the major body systems.

**BIOL 440 GENERAL MICROBIOLOGY 4 UNITS**

Prerequisite: CHEM 305 or equivalent high school laboratory chemistry course. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 72 hours LAB

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, protozoans and viruses. Topics will be correlated with medical and health applications to animals and human beings.

**BIOL 470 BEHAVIORAL BIOLOGY 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides an overview of animal and human behavior in an evolutionary and ecological context. The course includes an introduction to patterns of animal and human behavior, cell and physiological processes, the structure and function of nervous systems, the genetics of behavior, the principles of evolution, and behavioral ecology. It is useful for both science and nonscience majors.

**BIOL 472 TEACHING SCIENCE TO SCHOOL-AGE CHILDREN 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course will train future teachers in the art and skill of making elementary and middle-school science teaching successful and interesting. Students will gain hands-on experience with numerous ways to teach life, physical, and earth science, including teaching students at a school-age facility. Other topics will include how students learn, how to set up labs, lab safety, environmental education, and assessment. This course is suitable for students majoring in education, interpretation, or science. Not open to students who have received credit for Physical Science 472.

**BIOL 495 INDEPENDENT STUDIES IN BIOLOGY 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 162 hours LAB

**BIOL 499 EXPERIMENTAL OFFERING IN BIOLOGY .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Business

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREES**

- A.A. — Business, General Transfer
- A.A. — Business, General
- A.A. — Business, Small Business Management/Entrepreneurship
- A.A. — Business, Administrative Assistant

**CERTIFICATES**

- Business, Office Assistant
- Business, Office Technician
- Business, Small Business Management/Entrepreneurship

Folsom Lake College's business programs are designed to provide an entrance into an exciting career. Many opportunities are available that can lead to immediate employment and/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. FLC also offers the award-winning Students in Free Enterprise (SIFE) course for interested students.

**Career Options**

Account Executive; Analyst; Bank Employee; Buyer; Clerk; Data-Entry Clerk; Data-Entry Specialist; Entrepreneur; Financial Planner; Government Service; Insurance Representative; Investment Counselor; Manager; Marketing; Market Research; Office Assistant; Public Administration; Purchasing Agent; Real Estate; Retail/Industrial Sales; Stockbroker; Tax Consultant

*There are some self-employment opportunities available in these fields. Some career options may require more than two years of college study.*

**Highlights**

- Additional training in courses acceptable as electives for civil service occupations
- Hands-on experience in the use of computers for business purposes
- Opportunities for work experience in local industry and business
- Training for small business management, entrepreneurship
- Exceptional and committed instructors
- An award-winning SIFE program

**TRANSFER IN BUSINESS ADMINISTRATION**

A student transferring with upper division standing to California State University, Sacramento, College of Business Administration, should have completed a minimum of 60, and a maximum of 70, transfer units. The Counseling Center has information regarding requirements, which may vary from the core listed below, at other four-year institutions. The course work may include all of the pre-major core courses and transfer general education requirements.

Each of the following core courses must be completed with a grade of "C" or better:

- Accounting 301 (1A), 311 (1B)
- Computer Information Science CISA 300 (11A), CISA 310 (12A), CISC 320 (14A)
- Economics 302 (1A), 304 (1B)
- Mathematics 341 (43) or 343 (44)
- Statistics 300 (1)

Competency in a foreign language at the 412 (2B) level is required for an International Business major

In addition to the above core, a student, in consultation with a counselor, should plan a program to meet the transfer general education requirements.

**DEGREE**

**A.A.—Business, General**

This program provides an overview of business fundamentals for students interested in most business occupations. The program is also recommended for general government service occupations.

REQUIRED PROGRAM	Units
ACCT 301 (1A) Financial Accounting or	
ACCT 101 (60) Fundamentals of College Accounting	3-4
BUS 310 (8) Business Communication	3
BUS 330 (15) Managing Diversity in the Workplace	3
BUS 345 (16) Law and Society or	
BUS 340 (18A) Business Law	3
BUS 300 (20) Introduction to Business	3
MGMT 362 (24) Techniques of Management	3
MKT 300 (20) Principles of Marketing	3
CISC 310 (CIS 3) Intro to Computer Information Science or	
Three (3) units to include:	
CISC 300 (CIS 1) [1 unit] and	
Any two (2) additional units selected from:	
CISA 300 (CIS 11A), CISA 310 (CIS 12A), CISA 320 (CIS 13A), CISC 320 (CIS 14A), CISA 340 (CIS 15A), CISC 350 (CIS 16A), CISA 330 (CIS 17A), CISA 350 (CIS 18A)	3
ECON 302 (1A) Principles of Macroeconomics or	
ECON 320 (14)/BUS 320 (14) Concepts of Personal Finance	3

**General Options:**

BUS 498 (98) Work Experience (3)	
Plus six (6) units from one concentration selected from:	6
Accounting, Business, Computer Information Science, Management, Marketing, or Real Estate	
TOTAL UNITS REQUIRED	36-37

**Suggested Electives:**

ACCT 311 (1B), 341 (5), 121(70); BUS 360 (24), 350 (25), 100 (50), 210 (71A), 212 (71B), 214 (71C), 218 (71E), CISA 301(CIS 11B), CISA 302 (CIS 11C), CISA 311(CIS 12B), CISA 321 (CIS 13B), CISC 321 (CIS 14B), CISC 351 (CIS 16), CISA 331 (CIS17B), CISW 380 (CIS 24) or CISW 425 (CIS 25); MGMT 360 (21), 372 (23), 176 (81), 308 (22); MKT 310 (22), 312 (24), 314 (26), 120 (50), 122 (51); RE 300 (19), 110 (81), 120 (82), 130 (83).

**DEGREE**

**A.A.—Business, Small Business Management/Entrepreneurship**

REQUIRED PROGRAM	Units
Business Core:	
ACCT 301 (1A) Financial Accounting or	
ACCT 101 (60) Fundamentals of College Accounting	3-4
BUS 310 (8) Business Communication	3
BUS 330 (15) Managing Diversity in the Workplace	3
BUS 345 (16) Law and Society or	
BUS 340 (18A) Business Law	3
BUS 300 (20) Introduction to Business	3
BUSTEC 302 (BUS 41) Computer Keyboarding	2
MKT 300 (20) Principles of Marketing	3
ECON 302 (1A) Principles of Macroeconomics or	
ECON 320 (14) BUS 320 (14) Concepts of Personal Finance	3
CISC 310 (CIS 3) Intro to Computer Information Science or	
Three (3) units to include:	
CISC 300 (CIS 1) Computer Familiarization (1) and	
Any two (2) additional units selected from:	
CISA 300 (CIS 11A), CISA 310 (CIS 12A), CISA 320 (CIS 13A), CISC 320 (14A), CISA 340 (15A), CISC 350 (CIS 16A), CISA 330 (CIS 17A), CISA 350 (CIS18A)	3

Small Business Management/Entrepreneurship Option:  
 MKT 310 (22) Selling Professionally or  
 MKT 314 (26) CMED 376 (60) Advertising .....3  
 BUS 350 (25) Small Business Mngmnt/Entrepreneurship (3) or  
 Three (3) units selected from:  
 BUS 210 (71A), 212 (71B), 214 (71C), 218 (71E), 224 (71-I) .....3  
 BUS 498 (98) Work Experience (3) or  
 Human/Career Development (any course combination) (3).....3  
 TOTAL UNITS REQUIRED ..... 35-36

Suggested Electives: ACCT 125 (5), 125 (77), 341 (5); MGMT 300 \* (1), 372 (23), 362 (24).

**DEGREE**  
**A.A.—Business, General, Transfer**

This program provides the courses necessary for a transfer to a four-year college in business while also allowing the student to select courses which fit his/her individual needs and desires.

REQUIRED PROGRAM .....Units  
 ACCT 301 (1A) Financial Accounting.....4  
 ACCT 311 (1B) Managerial Accounting ..... 4  
 BUS 345 (16) Law and Society or  
 BUS 340 (18A) Business Law .....3  
 BUS 300 (20) Introduction to Business.....3  
 CISA 300 (CIS 11A) Beginning Word Processing (1) and  
 CISA 310 (CIS 12A) Electronic Spreadsheets (1) and  
 CISC 320 (CIS 14A) Operating Systems (1) or  
 CISC 310 (CIS3) Intro to Computer Information Science (3).....3  
 ECON 302 (1A) Principles of Macroeconomics .....3  
 ECON 304 (1B) Principles of Microeconomics.....3  
 MATH 341 (43) Calculus for Business and Economics (4) or  
 MATH 343 (44) Modern Business Mathematics (4) .....4  
 STAT 300 (1) Introduction to Probability and Statistics .....4  
 TOTAL UNITS REQUIRED..... 31

Suggested Electives:  
 ACCT 341 (5); BUS 310 (8), 345 (16), 340 (18A), BUSTEC 302 (41); CISC 300 (CIS 1), CISP 320 (CIS 36A); MGMT 372 (23), 362 (24); MKT 300 (20); RE 300 (19).

**DEGREE**  
**A.A.—Business, Administrative Assistant**

REQUIRED PROGRAM .....Units  
 ACCT 301 (1A) Financial Accounting or  
 ACCT 101 (60) Fundamentals of College Accounting ..... 3-4  
 BUS 310 (8) Business Communication.....3  
 BUS 330 (15) Managing Diversity in the Workplace .....3  
 BUS 345 (16) Law and Society or  
 BUS 340 (18A) Business Law .....3  
 BUS 300 (20) Introduction to Business .....3  
 BUSTEC 302 (BUS 41) Computer Keyboarding .....2  
 MGMT 362 (24) Techniques of Management.....3  
 MKT 300 (20) Principles of Marketing .....3  
 CISC 310 (CIS 3) Intro to Computer Info Science (3) or  
 Three to four (3-4) units to include:  
 CISC 300 (CIS 1 (Computer Familiarization) (1) and  
 Any two (2) additional units selected from:  
 CISA 310 (CIS 12A), CISA 320 (CIS 13A),  
 CISC 320 (CIS 14A), CISA 340 (15A), CISC 350  
 (CIS 16A), CISA 330 (CIS 17A)..... 3-4  
 ECON 302 (1A) Principles of Macroeconomics or  
 ECON 320 (14)/BUS 320 (14) Concepts of Personal Finance .....3  
 Administrative Assistant Option:  
 BUSTEC 303 (BUS 42) Computer Keyboard Formatting .....2  
 BUSTEC 304 (BUS 43) Computer Keyboard Speed-&-Accuracy Building 2  
 BUS 100 (50) English for the Professional .....3  
 BUS 498 (98) Work Experience (3) .....3  
 BUSTEC 101 (BUS 53) Computer Keyboarding: 10-Key.....1  
 CISA 300 (CIS 11A) Beginning Word Processing.....1  
 CISA 301 (CIS 11B) Intermediate Word Processing .....1  
 Plus three (3) units selected from the following:.....3  
 ACCT 341 (5), 121 (70); BUS 105 (60);  
 CISA 311(CIS 12B), CISA 331 (CIS 17B)  
 TOTAL UNITS REQUIRED ..... 45-49

**CERTIFICATE**  
**Small Business Management/Entrepreneurship**

REQUIRED PROGRAM .....Units  
 BUS 310 (8) Business Communication.....3  
 BUS 300 (20) Introduction to Business .....3  
 BUSTEC 302 (BUS 41) Computer Keyboarding.....2  
 MKT 300 (20) Principles of Marketing .....3  
 MKT 310 (22) Selling Professionally .....3  
 BUS 350 (25) Small Business Mngmnt/Entrepreneurship (3) or  
 Three (3) units selected from: .....3  
 BUS 210 (71A), 212 (71B), 214 (71C), 218 (71E), 224 (71-I)  
 CISC 310 (CIS 3) Intro to Computer Information Science .....3  
 TOTAL UNITS REQUIRED ..... 20

**CERTIFICATE**  
**Business, Office Assistant**

This certificate program is designed to provide the tools needed for entry-level office positions. The Office Assistant Certificate is appropriate for students who do not have any clerical work experience. Upon completion of the Office Assistant Certificate, the student would be prepared for an office position as a trainee.

REQUIRED PROGRAM .....Units  
 Core Courses  
 BUSTEC 302 (BUS 41) Computer Keyboarding or  
 Keyboarding speed verification at 25 wpm or better ..... 0-2  
 BUSTEC 304 (BUS 43) Computer Keyboard Speed-&-Accuracy Bldg or  
 Keyboarding speed verification at 40 wpm or better ..... 0-2  
 BUSTEC 303 (BUS 42) Computer-Keyboard Formatting .....2  
 BUS 100 (50) English for the Professional .....3  
 BUSTEC 101 (BUS 53) Computer Keyboarding: 10-Key.....1  
 CISC 300 (CIS 1) Computer Familiarization.....1  
 CISA 300 (CIS 11A) Beginning Word Processing.....1  
 CISA 310 (CIS 12A) Intro to Electronic Spreadsheets.....1  
**Office Assistant**  
 BUSTEC 120 (BUS 82) Skills for Today's Office ..... 1  
 TOTAL UNITS REQUIRED ..... 12-14

**CERTIFICATE**  
**Business, Office Technician**

This certificate program is designed to provide the tools needed for entry-level office positions. The Office Technician Certificate is designed to provide promotional skills for students desiring office positions. Upon completion of the Office Technician Certificate, the student would be prepared for an office position.

REQUIRED PROGRAM .....Units  
 Core Courses  
 BUSTEC 302 (BUS 41) Computer Keyboarding or  
 Keyboarding speed verification at 25 wpm or better ..... 0-2  
 BUSTEC 304 (BUS 43) Computer Keyboard Speed-&-Accuracy Bldg or  
 Keyboarding speed verification at 40 wpm or better ..... 0-2  
 BUSTEC 303 (BUS 42) Computer-Keyboard Formatting .....2  
 BUS 100 (50) English for the Professional .....3  
 BUSTEC 101 (BUS 53) Computer Keyboarding: 10-Key.....1  
 CISC 300 (CIS 1) Computer Familiarization.....1  
 CISA 300 (CIS 11A) Beginning Word Processing.....1  
 CISA 310 (CIS 12A) Intro to Electronic Spreadsheets.....1  
**Office Technician**  
 BUSTEC 110 (BUS 52) Administrative Procedures.....3  
 CISA 301 (CIS 11B) Intermed Word Processing.....1  
 CISA 311 (CIS 12B) Intermed Electr Spreadsheets .....1  
 Plus one (1) unit selected from: .....1  
 CISA 320 (CIS 13A) Database Management (1)  
 CISA 340 (CIS 15A) Presentation Graphics (2)  
 TOTAL UNITS REQUIRED ..... 15-19

## Business (BUS)

### BUS 100 ENGLISH FOR THE PROFESSIONAL 3 UNITS

Prerequisite: ENGWR 51 and ENGRD 16 or ESLW 320 and ESLR 320 or equivalent. Grade of "C" or better required to meet prerequisite.

Advisory: BUSTEC 302 and 303.

Hours: 54 hours LEC

This course is designed to prepare the student for business communication. It presents principles of correct and effective English usage as applied in business. Included are skills and techniques of written communication, sentence structure, word usage, punctuation, spelling, business vocabulary, and dictionary usage. Emphasis is placed on critical thinking and effective-writing techniques through analyzing written communication and composing and organizing paragraphs into effective business documents. The computer is used to format documents and search for information. Proofreading skills are stressed throughout the course. The course is recommended for all business majors during their first semester.

### BUS 105 BUSINESS MATHEMATICS 3 UNITS

Prerequisite: None

Hours: 54 hours LEC

This course is a review of basic mathematical skills and introduces equations and formulas in solving for unknowns. Applications of mathematics in business include such areas as banking, commercial discounts, retail and wholesale markup-markdown, payroll computations, simple and compound interest, bank discount, present value, taxes, insurance, depreciation, and financial statements. Recommended for every major in business.

### BUS 210 THE BUSINESS PLAN 1 UNIT

Prerequisite: None

Hours: 18 hours LEC

This course offers an organized, step-by-step approach to preparing a business plan. The plan will enable the students to solve problems "on paper" before they become operational or money problems. Every business should have a business plan. Students will create one in this course.

### BUS 212 MARKETING FOR SMALL BUSINESS 1 UNIT

Prerequisite: None

Hours: 18 hours LEC

This course emphasizes how a small business or non-profit organization can market its service or product to the consumer. The student will learn about ways to improve market mix, identify target markets, and develop a marketing plan.

### BUS 214 FINANCING A SMALL BUSINESS 1 UNIT

Prerequisite: None

Hours: 18 hours LEC

This course covers sources and ways of raising capital for small businesses. How much money is needed and where it can be obtained, start-up costs, and projecting monthly and yearly costs are the focus of this course. Financial ratios and key financial statements are covered.

### BUS 218 MANAGEMENT SKILLS FOR THE SMALL BUSINESS 1 UNIT

Prerequisite: None

Hours: 18 hours LEC

A small business owner must understand and motivate others to help the business reach its objectives. This course covers such functions as planning and organizing work flow, delegating responsibilities, understanding leadership styles, decision making, stress and time management, and working with employee organizations.

### BUS 219 DEVELOPING YOUR ENTREPRENEURIAL IDEA 1 UNIT

Prerequisite: None

Hours: 18 hours LEC

This course provides students with insight and knowledge into developing their entrepreneurial idea. To develop an entrepreneurial idea you need to have a basic understanding of business planning and business ownership (entrepreneurship). This course investigates these concepts, including the pros and cons of owning a business. Students will explore the characteristics, experience, and skills necessary to be a successful entrepreneur. Students will research their business ideas and gain knowledge in marketing principles. Students will analyze the organization and management of a new business and begin to learn how to plan a new business. This course is designed to provide students with the basics for understanding entrepreneurship and development of entrepreneurial ideas. At the end of this course, students will be able to determine more clearly whether owning their own business is feasible.

### BUS 224 CUSTOMER SERVICE 1 UNIT

Prerequisite: None

Hours: 18 hours LEC

This course is a study of the principles involved in building an effective customer service team. Customer service activities in business, government, and other service industries will be examined in terms of the value added to the organization. Improved customer services will be emphasized.

### BUS 295 INDEPENDENT STUDIES IN BUSINESS 1-3 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

### BUS 299 EXPERIMENTAL OFFERING IN BUSINESS .5-4 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

### BUS 300 INTRODUCTION TO BUSINESS 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides a survey of all business areas, including Accounting, Law, Computer Information Science, Management, Marketing, Economics and Finance. The course is designed to be taken by all beginning students interested in business. It is a core requirement for business majors. This course provides an overview often very helpful in assisting students' selection of a specific career in the field of business.

### BUS 310 BUSINESS COMMUNICATION 3 UNITS

Prerequisite: BUS 100. Grade of "C" or better required to meet prerequisite.

Advisory: Ability to key 30 or more words a minute and use a current office-level word processing program.

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to emphasize the use of communication theory in planning and composing various types of effective business letters and reports. The course stresses style, appearance, grammar, punctuation, tone, vocabulary and reader appeal. Interpersonal communication and listening, cross-cultural communication, electronic communication technology, and ethical and legal guidelines are included. A formal report with graphics is required.

### BUS 320 CONCEPTS IN PERSONAL FINANCE 3 UNITS

Prerequisite: None

Advisory: BUS 105

Course Transferable to CSU

Hours: 54 hours LEC

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. The course provides a solid base for a career in financial planning services. Not open to students who have received credit for ECON 320.

### BUS 330 MANAGING DIVERSITY IN THE WORKPLACE 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

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, and disability. Workforce issues related to the diversity of the American consumer and global consumer impact on the United States are analyzed.

### BUS 340 BUSINESS LAW 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introductory coverage of the law in its relationship to the environment of 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, contracts and sales transactions, agency, legal structures of business, government regulation and property rights. For more detailed coverage of some of these topics, see BUS 341.

### BUS 341 BUSINESS LAW 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

General introduction to the legal concepts and principles of real property and landlord/tenant; bankruptcy, consumer law, corporations, securities law and corporate social-ethical responsibility; labor employment law, environmental law, antitrust law and business-related constitutional law.

**BUS 345 LAW AND SOCIETY 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to the American legal system emphasizing the nature, purpose, sources and functioning 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. A theoretical rather than practical viewpoint is used through analysis of selected cases and legislation in the areas of individualism, socioeconomic groups, the family, the economy, crime, criminal procedure and punishment, church and state separation, the environment, and torts. This course should not be taken in place of BUS 340 when required. Not open to students who have received credit for SOCSC 360.

**BUS 350 SMALL BUSINESS MANAGEMENT/ENTREPRENEURSHIP 3 UNITS**

Prerequisite: None

Advisory: ENGRW 101

Course Transferable to CSU

Hours: 54 hours LEC

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 354 STUDENTS IN FREE ENTERPRISE 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course provides students with an overview of what it takes to be successful in business through implementation of group projects and business leadership practices. Students will complete community-based business projects, focusing on business and project planning, team building, communications, preparing and processing information, and leadership. Students will plan, implement, and evaluate each project and then compose an annual report and deliver a professional presentation that will be evaluated by a selection of industry and business leaders at a regional competition. Students receive instruction in the areas of entrepreneurship, small business management, business planning, project management, oral and written presentation skills. This course emphasizes activities and techniques that develop competencies needed to become a successful business leader. There is a material fee for this course. This course may be taken four times for credit.

**BUS 360 E-BUSINESS: INTRODUCTION AND ENVIRONMENT: TECHNOLOGY AND INFRASTRUCTURE 3 UNITS**

Prerequisite: None

Advisory: BUS 300; CISC 305

Course Transferable to CSU

Hours: 54 hours LEC

Information is now exchanged very rapidly and customers have an instantaneous way to compare offerings from sellers on a worldwide basis. The purpose of this course is to describe the E-Business environment, describe the options available to business utilizing E-Business, and identify the critical components needed to develop a plan and strategy to implement for a business. The course will focus on E-Business for small and medium sized businesses. Not open to students who have received credit for CISW 380.

**BUS 360.1 E-BUSINESS: INTRODUCTION AND ENVIRONMENT 1.5 UNITS**

Prerequisite: None

Advisory: BUS 300; CISC 305

Course Transferable to CSU

Hours: 27 hours LEC

Information is now exchanged very rapidly and customers have an instantaneous way to compare offerings from sellers on a worldwide basis. The purpose of this course is to describe the E-Business environment, describe the options available to business utilizing E-Business, and identify the critical components needed to develop a plan and strategy to implement for a business. The course will focus on E-Business for small and medium sized businesses. Not open to students who have received credit for CISW 380.1.

**BUS 360.2 E-BUSINESS: TOOLS AND TECHNIQUES 1.5 UNITS**

Prerequisite: None

Advisory: BUS 300; CISC 305; BUS 360.1 or CISW 380.1

Course Transferable to CSU

Hours: 27 hours LEC

The explosive growth of the Internet has changed the fundamental ways in which business is conducted. Information is now exchanged instantly and customers have an instantaneous way to compare offerings from sellers on a worldwide basis. The purpose of this course is to explore the tools, techniques, and technology needed to implement a company's E-Business strategy. Specific content will include payment systems, privacy and security issues, hardware and software solutions, and business issues directly related to E-Commerce. The course will focus on E-Business infrastructure for small and medium sized businesses. Not open to students who have received credit for CISW 380.2.

**BUS 490 INDIVIDUALIZED PROJECTS IN BUSINESS 1-4 UNITS**

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.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**BUS 498 WORK EXPERIENCE IN BUSINESS 1-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**BUS 499 EXPERIMENTAL OFFERING IN BUSINESS .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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**Business Technology (BUSTEC)****BUSTEC 101 COMPUTER KEYBOARDING: 10-KEY 1 UNIT**

Prerequisite: None

Hours: 18 hours LEC

This course introduces the numeric keypad and develops the ability to key information into a computer with speed and accuracy.

**BUSTEC 110 BUSINESS PROCEDURES FOR PROFESSIONAL SUCCESS 3 UNITS**

Prerequisite: None

Advisory: BUSTEC 302 or equivalent, BUSTEC 303, and BUS 100.

Hours: 54 hours LEC

This course develops skills associated with the business professional, including specialized procedures in electronic workplaces. Students learn critical thinking, problem solving, teamwork, supervision skills, administrative procedures, and information-processing technologies. Specific areas include the 21st century workplace; business technology; business communication; records management; meetings, travel, and financial documents; and the business professional's career. The course emphasizes developing a work-site team through effective communications, dependability, interpreting various management responsibilities, and motivational techniques. Recommended for all management information science and business students.

**BUSTEC 120 SKILLS FOR TODAY'S OFFICE 1 UNIT**

Prerequisite: None

Advisory: BUSTEC 302 or keyboarding speed verification at 25 wpm or better, and CISA 300 or 305, and CISA 310 or 315.

Hours: 18 hours LEC ; 18 hours LAB

This is a course designed to build upon previous word processing and spreadsheet training in the computer science/business area and to complete the training necessary to perform effectively and become a skilled employee in a computerized office. The course includes preparing and processing information: word processing, spreadsheet, and database documents; communicating via fax, e-mail, voicemail, Internet, and telephone; and using copiers and other office equipment. Students will simulate office situations. This course emphasizes activities and techniques that enhance competencies needed in today's office.

**BUSTEC 302 COMPUTER KEYBOARDING 2 UNITS**

Prerequisite: None

Advisory: ENGRD 16 or ESLR 320.

Course Transferable to CSU

Hours: 36 hours LEC

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, communication skills, essential computer keyboarding information, and use of basic features of a current office-level word processing program. Workplace etiquette and common organizational duties are introduced and reinforced throughout the course.

**BUSTEC 303 COMPUTER-KEYBOARD FORMATTING 2 UNITS**

Prerequisite: BUSTEC 302. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 36 hours LEC

This intensive computer-keyboard formatting course emphasizes application of the following formatting concepts: horizontal and vertical centering, business-letter styles, memorandums, tables, and reports. The course includes developing proofreading proficiency, reinforcing communication skills, developing speed and accuracy, and using the features of a current office-level word processing program. Workplace etiquette and common organizational duties are introduced and reinforced throughout the course. Students who feel that they have skills equivalent to the prerequisite are encouraged to apply for credit by examination for BUSTEC 302.

**BUSTEC 304 COMPUTER KEYBOARD SPEED-AND-ACCURACY BUILDING 2 UNITS**

Prerequisite: BUSTEC 302. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 36 hours LEC

This course builds upon previous computer-keyboard skills and stresses speed-and accuracy techniques. It includes skills assessment and individually prescribed improvement plans. The student will be reading and interpreting written and oral instructions. Students who feel that they have skills equivalent to the prerequisite are encouraged to apply for credit by examination for BUSTEC 302. This course may be taken two times for credit.

**BUSTEC 499 EXPERIMENTAL OFFERING IN BUSINESS TECHNOLOGY .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Chemistry

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

The Chemistry Program at Folsom Lake College consists of:

- A series of chemistry courses designed to meet transfer requirements for physical and biological science majors
- A series of courses intended for students majoring in fields other than chemistry, biology, or physical science
- A course designed specifically for students who require preparation or review of the more basic chemical concepts

All chemistry courses at FLC include a practical component where students conduct hands-on chemical experimentation in a modern, well-equipped laboratory.

## Career Options

Chemist; Pharmacist; Chemical Engineer; Physician; Dentist; Veterinarian; Allied Health Professional; Biologist; Physicist; Geologist; Geochemist; Oceanographer

Some career options may require more than two years of college study. Classes beyond the associate degree may be required to fulfill some career options or for preparation for transfer to a university program.

## Highlights

An outstanding chemistry faculty striving to maintain an aggressive and well-respected chemistry program

Ample contact with the instructor and the relaxed atmosphere that only a limited class size can offer

## NOTE: ALL CHEMISTRY STUDENTS

A glassware replacement deposit is required to participate in designated Chemistry courses. The deposit is payable at the Admissions Office prior to the third class meeting. This deposit is refundable at the end of the semester; however, if chemical glassware is broken or missing, the charge will be deducted from the deposit. (Title V, Section 59400 and District Policy 2253)

## CHEM 321 ENVIRONMENTAL CHEMISTRY 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course explores the interrelationship of human beings and the surrounding environment with regard to the chemical substances that are encountered in everyday life. The role of chemistry in both creating environmental problems as well as providing solutions to environmental problems will be examined. Students will learn how chemicals released to the environment can have adverse effects on ecosystems and human health. Chemical and physical methods of controlling and remediating air, water, and soil pollutants will be covered. The role of environmental regulations in preventing and mitigating environmental degradation will also be covered. By the completion of this course, students will have acquired skills and techniques that can be utilized to examine environmental problems and their proposed solutions.

## CHEM 322 ENVIRONMENTAL CHEMISTRY LABORATORY 1 UNIT

Prerequisite: None

Corequisite: CHEM 321 (may be taken previously). Grade of "C" or better required to meet corequisite.

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course provides "hands-on" opportunities for students to collect and analyze data about chemicals found in the environment. Students will learn how to collect and analyze soil, water and air samples for environmental quality parameters and the presence of pollutants. Analysis of samples will involve the use of readily available field test equipment. Field trips for sample collection will take place during laboratory periods or at arranged times. There may also be field trips to environmental analytical laboratories.

## CHEM 400 GENERAL CHEMISTRY 5 UNITS

Prerequisite: CHEM 305 with a grade of "C" or better OR one year of high school chemistry lecture and laboratory AND MATH 120 with a grade of "C" or better or equivalent.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This is a general college chemistry course intended for students majoring in the scientific disciplines including chemistry, biology, physics, geology and engineering. This course emphasizes the fundamental principles of chemistry. Topics include chemical measurement, physical and chemical processes, nomenclature, atomic structure, quantum theory, stoichiometry, molecular structure, bonding theory, physical properties of gases, thermochemistry, modern materials, and properties of solutions.

## CHEM 401 GENERAL CHEMISTRY 5 UNITS

Prerequisite: CHEM 400. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This course is a continuation of the two-semester series in general college chemistry. Topics presented in the course include kinetics, equilibrium, acid/base chemistry, thermodynamics, electrochemistry, radiochemistry, coordination chemistry, and an introduction to organic chemistry. Laboratory exercises include qualitative and quantitative analysis techniques.

## CHEM 410 QUANTITATIVE ANALYSIS 5 UNITS

Prerequisite: CHEM 401. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This course focuses on the principles and techniques involved in fundamental gravimetric and volumetric analyses and separation techniques including methods of data analysis, precipitation, acid/base neutralization, complex formation, oxidation-reduction, spectroscopy and chromatography. Also included is an introduction to modern instrumental analytical procedures with emphasis on optical, electrochemical and chromatographic techniques. Emphasis throughout the course will be on sampling, calibration and method validation procedures.

## CHEM 420 ORGANIC CHEMISTRY 5 UNITS

Prerequisite: CHEM 401. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This is a lecture/laboratory course designed to introduce students to the basics of organic chemistry. This course is designed for science majors, pre-med, pre-dental, and pre-pharmacy majors. Lecture topics will include a review of 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 physical properties of organic molecules, analytical chemistry of organic molecules using modern instrumentation (GC, GC/MS, NMR, FTIR, polarimetry, and HPLC). Separation and purification of organic compounds will also be covered in the lab section, including distillation, recrystallization, preparative chromatography and thin-layer chromatography.

## Chemistry (CHEM)

### CHEM 305 INTRODUCTION TO CHEMISTRY 5 UNITS

Prerequisite: MATH 100 or MATH 102 or equivalent. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 72 hours LEC ; 54 hours LAB

This is a general chemistry course intended for students majoring in the allied health fields, such as nursing, physical therapy, dental hygiene, veterinary technology, and environmental technology. This course emphasizes the fundamental principles of chemistry: types of matter, physical and chemical processes, atomic and molecular structure, stoichiometry, properties and theories of gases, properties of solutions, acids and bases, equilibria, and an introduction to organic functional groups as they pertain to medicine or biological systems.

### CHEM 306 INTRODUCTION TO CHEMISTRY 5 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 72 hours LEC ; 54 hours LAB

Prerequisite: MATH 100 (Elementary Algebra) with a grade of "C" or better; Math 102 or equivalent. Grade "C" or better required to meet prerequisite. The organic chemistry portion of this course emphasizes the major classes of organic compounds: their structure, physical and chemical properties related to biological systems, and nomenclature. Some clinical and pharmacological aspects are also discussed. The biochemistry portion of this course emphasizes the structure and function of carbohydrates, proteins, lipids and nucleic acids in biological systems. Special topics include enzymes and enzyme regulation, drugs their bioavailability and metabolism.

**CHEM 421 ORGANIC CHEMISTRY 5 UNITS**

Prerequisite: CHEM 420. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This course is lecture-laboratory course that is a continuation of Chemistry 420. This course concludes an introduction to organic chemistry. This course is designed for science majors, pre-med, pre-dental, and pre-pharmacy majors. Lecture topics include the chemistry of ethers, epoxides, conjugated dienes, aromatic compounds, carbonyl compounds, enolate condensation, amines, phenols, polymerization reactions, and selected biologically important compounds. The course also includes continued application of spectroscopic methods (IR, NMR, UV-vis and MS) applied to organic chemistry. Laboratory emphasis is on the preparation, isolation, quantitation, purification, identification and mechanism elucidation using both traditional and instrumental techniques. 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, and gas chromatography-mass spectroscopy.

**CHEM 495 INDEPENDENT STUDIES IN CHEMISTRY 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**CHEM 499 EXPERIMENTAL OFFERING IN CHEMISTRY .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Communication Studies

(formerly Communication)

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

<b>DEGREE</b>	A.A. — Communication, Organizational Communication
<b>CERTIFICATE</b>	Applied Communication Skills

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 in Arts 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 faculty and students 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.

#### Career Options

Public Information; Human Resources Development; Corporate Training; Motivational Speaking; Political Speech Writing; Radio & Television; Advertising; Public Relations; College & University Instruction; Organizational Administration; Negotiation & Mediation Services; Writing for Publication; Personnel Management; Customer Service; Social Science Research; Corporate Imaging; Campaign Management; Marketing; Community Relations; Grant Writing

#### Highlights

Degree and Certificate program

Transfer requirements simultaneously met while pursuing degree

Many of the courses required for this degree can also be used to fulfill transfer general education requirements for the CSU system.

In the Communication program, our courses are multidisciplinary in nature. Communication studies offer students an opportunity to explore coursework in oral communication, critical thinking, social sciences, multicultural studies, and living skills.

Students will find this background helpful and applicable to their everyday pursuits. Students intending to transfer to a university will have a solid base of courses that will interface with further, focused study in a major. For those wishing to pursue a university degree in the field of communication, degrees can be earned with emphasis in the following areas:

- Mass Media Studies
- Broadcast Electronic Communication Arts
- Organizational Communication
- Intercultural Communication
- Visual Communication
- Rhetoric
- Group Communication
- Interpersonal Communication

competencies in professional presentations, written communication, group problem solving, intercultural interactions, conflict management, interview skills, and analytical reasoning. This transferable degree gives students a foundation that can be used in any career path, increasing an individual's preparation for employment, and transferability to a university.

#### REQUIRED PROGRAM

Core Courses:	Units
COMM 301 (1) Introduction to Public Speaking	3
COMM 311 (3) Argumentation and Debate	3
COMM 321 (10) Interpersonal Communication	3
CMED 300 (5)/JOUR 310 (10) Mass Media and Society	3

Communication in Organizations	6
COMM 341 (13) Organizational Communication (3)	
And one (1) of the following:	
COMM 315 (18) Persuasion (3)	
BUS 330 (15) Managing Diversity in the Workplace (3)	
MGMT 360 (21) Management Communication (3)	

Written Communication	6
ENGWR 300 (ENGL 1A) College Composition (3)	
And one (1) of the following:	
ENGWR 302 (ENGL 1C) Adv Composition & Critical Thinking* (3)	
(* 2 <sup>nd</sup> semester writing requirement for CSUS)	
BUS 310 (8) Business Communication (3)	

Communication for a Diverse World	6-7
COMM 325 (14) Intercultural Communication (3)	
And one transfer level course of foreign language or American Sign Language (3-4)	

Communication in Groups and Teams	6
COMM 331 (15) Group Discussion (3)	
And one (1) of the following:	
COMM 373 (4) Forensics Laboratory (3)	
Or any department approved internship	
TOTAL UNITS REQUIRED	36-37

#### CERTIFICATE

##### Applied Communication Skills

REQUIRED PROGRAM	Units
COMM 301 (1) Introduction to Public Speaking	3
COMM 341 (13) Organizational Communication	3
COMM 325 (14) Intercultural Communication	3
COMM 331 (15) Group Discussion	3
Plus one (1) additional course selected from:	3
COMM 315 (18) Persuasion (3)	
COMM 311 (3) Argumentation and Debate (3)	
COMM 371 (7) Voice and Diction (3)	
COMM 361 (9) The Communication Experience (3)	
COMM 321 (10) Interpersonal Communication (3)	
TOTAL UNITS REQUIRED	15

#### DEGREE

##### A.A. — Communication, Organizational Communication

The role of effective communication in the workplace today has grown in importance, and workplace communication competencies are increasingly demanded by all economic sectors including small businesses, large organizations, international corporations, and government agencies. The number one skill identified by employers is the ability to communicate clearly in both oral and written form. The number two necessary skill identified by employers is the ability to work effectively as a member of a team. A competitive workplace requires employees to exercise

## Communication Studies (COMM)

### COMM 301 INTRODUCTION TO PUBLIC SPEAKING 3 UNITS

Prerequisite: ENGWR 51 or the equivalent. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course explores the theory and technique of effective public speaking. Students will learn ways to research, organize and present clear messages to audiences. Students will also examine and develop good listening habits by critiquing informative and persuasive presentations given in class.

### COMM 311 ARGUMENTATION AND DEBATE 3 UNITS

Prerequisite: ENGWR 300 or the equivalent. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces students to argumentation, critical evaluation of evidence, and reasoning in the context of debate. Intended as a practical course, the fundamentals of proposition analysis, case building and dissent are discussed and applied.

### COMM 315 PERSUASION 3 UNITS

Prerequisite: ENGWR 300 or the equivalent. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course presents fundamental theories and techniques of persuasion as they occur in various communication contexts. Students develop critical thinking skills by examining message production, analyzing messages and exploring the social impact of persuasion.

### COMM 321 INTERPERSONAL COMMUNICATION 3 UNITS

Prerequisite: ENGWR 51 or the equivalent. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Explore communication skills associated with satisfying relationships. Using simulations and structured exercises, students experiment with various approaches to successful communication in person-to-person situations. This course strives to increase an individual's personal communication effectiveness through heightened awareness and greater skill as both a sender and receiver of shared messages.

### COMM 325 INTERCULTURAL COMMUNICATION 3 UNITS

Prerequisite: ENGWR 51 or the equivalent. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

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 3 UNITS

Prerequisite: ENGWR 51 or the equivalent. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Increase your understanding of how communication in small groups is uniquely different from other communication. Enhance your effectiveness in small groups by learning about roles, functions, leadership, and norms. Problem-solving and decision-making skills are emphasized through simulations and discussion.

### COMM 341 ORGANIZATIONAL COMMUNICATION 3 UNITS

Prerequisite: ENGWR 101 or the equivalent. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

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 focus groups, quality control groups, ad hoc committees, conflict negotiation teams and problem solving/decision making groups. The roles of internal and external messages on the communication process and organizational effectiveness will be examined and analyzed.

### COMM 361 THE COMMUNICATION EXPERIENCE 3 UNITS

Prerequisite: ENGWR 51 or the equivalent. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces students to basic skills and the fundamental concepts necessary for effective communication in a variety of settings. Special emphasis is placed on practical experiences within groups, facilitation of interpersonal relationships, and methods of conflict resolution.

### COMM 363 INTRODUCTION TO COMMUNICATION THEORY 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course will introduce the student to the symbolic process of human communication through the study of basic communication models, fundamental theory, and relevant research findings. Emphasis will be placed on achieving an understanding of the communication process, and the process through which researchers in the field add to their existing body of knowledge.

### COMM 371 VOICE AND DICTION 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course focuses on individual speech improvement through the study and practice of voice control and manipulation, proper breathing, and diction. Emphasis is placed on achieving correct pronunciation, enunciation, and voice production. Students will build on basic theories and practice of the interpretation of various oral selections chosen by the instructor and by the student. This course is intended for public speaking students, and drama and media majors.

### COMM 373 FORENSICS LABORATORY 2 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 108 hours LAB

A laboratory class for students who wish to participate in intercollegiate forensics competition. Areas of interest include debate, persuasion, oral interpretation, expository speech, impromptu speaking and readers' theatre. May be taken four times for credit.

### COMM 494 TOPICS IN COMMUNICATION STUDIES .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 72 hours LEC

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 STUDIES 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### COMM 499 EXPERIMENTAL OFFERING IN COMMUNICATION .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

# Communications Media

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Folsom Lake College has limited offerings in Communications Media. The courses are designed to provide a small range of courses for the student wanting hands-on experience in Television Production and Editing while providing other students the opportunity to take a course of study in the Survey of Mass Media and an Introduction to Film History. Students taking these courses should have a working knowledge of keyboarding.

## Communications Media (CMED)

### CMED 300 MASS MEDIA AND SOCIETY 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

Survey of the mass media: history, philosophy, structure and trends, as well as theories which help to explain effects and the importance as a social institution. Exploration of economics, technology, law, ethics, and social issues, including cultural and ethnic diversity. Not open to students who have received credit for JOUR 310.

### CMED 305 FILM HISTORY 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

An introduction to the art of motion pictures, using both lectures and films. Students will briefly study the history of motion pictures and will view, evaluate, and critique films which are landmarks in the art of movie making. Not open to students who have received credit for PHOTO 425.

### CMED 332 ADVANCED TELEVISION PRODUCTION 2 UNITS

Prerequisite: CMED 331. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 108 hours LAB

Students planning the total operational process for actual television programs (on air or closed-circuit), participate in and take responsibility for various aspects of the finished program, such as audio, switching, lighting, sets, graphics and film. May be taken two times for credit.

### CMED 360 INTRODUCTION TO DESKTOP VIDEO 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This is an introductory course for students interested in multimedia, 3-D computer animation, and emerging broadcast technologies commonly known as desktop video. Students will gain hands-on experience with picture and video manipulation, 3-D compositing, paint and draw applications for broadcast, multimedia and the internet. This course may be taken two times for credit.

### CMED 362 DIGITAL NON-LINEAR VIDEO EDITING: FINAL CUT PRO 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

The last decade has ushered in a phenomenal convergence of capabilities among traditional audio/video production technology and personal computers. Multimedia, non-linear editing, computer graphics, computer animation and digital video are but a few of the applications developed as a result of these joint technologies. This course will trace the development of the computer audio/visual applications. Major uses will be explored and future trends examined. In addition, students will receive hands-on production education with Apple's Final Cut Pro with limited exposure to a variety of other digital video software. This course may be taken two times for credit.

### CMED 377 CORPORATE VIDEO 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

Students will learn how to produce an effective corporate documentary, marketing or training presentation. The roles and relationships of the many players in the telecommunications industry are explored. Students gain experience in organizing, planning, allocating and directing resources. Instruction includes targeting an audience to get a desired response, designing the message, writing the script, shooting, editing and distribution. Students learn about managing complex interrelationships, managing technology in an environment which mix and match vendors, standards, applications and unique customer requirements.

### CMED 495 INDEPENDENT STUDIES IN COMMUNICATIONS MEDIA 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### CMED 498 WORK EXPERIENCE IN COMMUNICATIONS MEDIA 1-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### CMED 499 EXPERIMENTAL OFFERING IN COMMUNICATIONS MEDIA .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Computer Information Science

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREES**

A.S. — Computer Science

**CERTIFICATES**

- C.I.S. ~ Computer Programmer - SQL
- C.I.S. ~ Database Analyst - SQL
- C.I.S. ~ Internet Programming
- C.I.S. ~ Programming
- C.I.S. ~ Windows Programming
- C.I.S. ~ Relational Database Administration
- C.I.S. ~ Web Programming
- C.I.S. ~ Web Publishing
- M.I.S. ~ Application Analyst
- M.I.S. ~ Application Data Entry
- M.I.S. ~ Application Technician
- M.I.S. ~ Information Processing
- M.I.S. ~ e-Business Infrastructure

This Folsom Lake College program includes study in computer information science and management information systems. It is designed for the student interested in entry-level employment or transfer to a four-year university. The MIS option offers a unique "ladder" approach to acquiring the certificate or degree. Graduates of the degree program in Computer Science should expect to find entry-level employment as systems analysts in government, business and industry, and/or acquire skills for applications in management or administration. This new degree option was designed with industry leaders in the greater Sacramento area to address local employer needs.

**Career Options**

Computer Operator; Applications Software Specialist; Systems Analyst; Programmer; Data Entry Specialist; Computer Systems Specialist; Computer Technician; Network Administrator; Network Systems Engineer—Windows; Internet Technician

**Highlights**

- Hands-on experience in a state-of-the-art computer center
- Opportunities to work on specialized projects relating to computer information science, business and computer programming
- Study in a field that has great employment opportunities and encompasses many careers.

**DEGREE**

**A.S.—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. The Computer Science Associate in Science (A.S.) Degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

<b>REQUIRED PROGRAM</b>	.....Units
CISC 310	Introduction to Computer Information Science .....3
CISP 300	Algorithm Design/Problem Solving .....3
CISP 360	Introduction to Structured Programming .....4
CISP 400	Object Oriented Programming with C++ .....4
CISP 310	Assembly Language Prog. for Microcomputers .....4
CISP 430	Data Structures .....4
CISP 440	Discrete Structures for Computer Science .....3

A minimum of 10 units from the following:  
 Transfer students should select electives and general education courses to fulfill the requirements of the transfer institution. Transfer students are advised to consult with an FLC counselor to plan their programs. Transfer students should also see [www.assist.org](http://www.assist.org) for required transfer course articulation.

CISP 370	Beginning Visual Basic (4)	
CISP 351	Introduction to Relational Database Design and SQL (3)	
CISP 405	Object Oriented Programming using C# on Visual Studio .NET (4)	
CISP 409	Object Oriented Programming (4)	
CISW 425	Scripting for the Internet (4)	
ENGR 303	Introduction to Logic Design (4)	
ENGR 400	Introduction to Electrical Circuits and Devices (3)	
MATH 400	Calculus I (5)	
MATH 401	Calculus II (5)	
PHYS 411	Mechanics of Solids and Fluids (4)	
PHYS 421	Electricity and Magnetism (4)	
PHYS 431	Heat, Waves, Light and Modern Physics (4)	
CHEM 400	General Chemistry (5)	
<b>TOTAL UNITS REQUIRED</b>		<b>35</b>

**CERTIFICATE**

**Computer Information Science ~ Computer Programmer - SQL**

This certificate is designed for students who have completed the Database Analyst – SQL Certificate and aspire to be entry level programmers using the Structured Query Language (SQL). This is the second in a series of three certificate programs in Relational Database Management Systems.

<b>REQUIRED PROGRAM</b>	.....Units
CISC 310 (CIS 3)	Intro to Computer Information Science.....3
CISC 320 (CIS 14A)	Operating Systems (Unix/Linux).....1
CISC 321 (CIS 14B)	Intermed Operating Systems (Unix/Linux).....1
CISP 300 (CIS 41)	Algorithm Design/Problem Solving .....3
CISP 351 (CIS 52A)	Intro to Relational Database Design & SQL.....3
CISP 352 (CIS 52B)	Intermediate SQL.....3
CISP 353 (CIS 53)	Application Development in a Client Server Environment .....3

Two to four (2-4) units selected from the following:..... 2-4

CISP 370 (CIS 38)	Beginning Visual BASIC (4) or
CISA 320 (CIS 13A)	Database Management (1) and
CISA 321 (CIS 13B)	Intermed Database Management (1)
<b>TOTAL UNITS REQUIRED</b>	<b>19-21</b>

**CERTIFICATE****Computer Information Science ~ Database Analyst - SQL**

This certificate is designed for beginning students as well as technical professionals who aspire to design, create, or administer relational databases and create client applications. Successful students will be prepared to apply for entry-level positions in industry such as business analyst. The Database Analyst Certificate is the first in a series of three certificate programs designed for the entry-level student and business user.

REQUIRED PROGRAM	Units
CISC 310 (CIS 3) Intro to Computer Information Science.....	3
CISC 320 (CIS 14A) Operating Systems (Unix/Linux).....	1
CISC 321 (CIS 14B) Intermed Operating Systems (Unix/Linux).....	1
CISP 300 (CIS 41) Algorithm Design/Problem Solving .....	3
CISP 351 (CIS 52A) Intro to Relational Database Design & SQL.....	3
CISP 352 (CIS 52B) Intermediate SQL.....	3
<b>TOTAL UNITS REQUIRED</b>	<b>14</b>

**CERTIFICATE****Computer Information Science ~ Internet Programming**

REQUIRED PROGRAM	Units
BUS 310 (BUS 8) Business Communication.....	3
BUSTEC 302 (BUS 41) Computer Keyboarding or Keyboarding speed verification at 25 wpm or better .....	0-2
CISC 310 (CIS 3) Intro to Computer Information Science.....	3
MATH 100 (51) Elementary Algebra .....	5
CISC 320 (CIS 14A) Operating Systems (Windows) .....	1
CISC 321 (CIS 14B) Intermed Operating Systems (Windows) .....	1
CISP 300 (CIS 41) Algorithm Design/Problem Solving .....	3
Specialization in Internet Programming	
CISC 350 (CIS 16A) Intro to Data Communications.....	1-1.5
CISC 351 (CIS 16B) Intro to Local Area Networks.....	1
CISC 305 (CIS 21A) Intro to the Internet .....	1
CISC 306 (CIS 21B) Intro to Web Page Creation .....	1
CISW 350 (CIS 21G) Imaging for the Web .....	1
CISW 425 (CIS 25) Scripting for the Internet .....	4
CISP 409 (CIS 39) Object Oriented Programming (Java) .....	4
<b>TOTAL UNITS REQUIRED</b>	<b>31</b>

**CERTIFICATE****Computer Information Science ~ Programming**

The Programming Certificate provides students with the basic proficiencies required of entry level software technicians and computer programmers, or for further study in computer science

REQUIRED PROGRAM	Units
CISC 310 Introduction to Computer Information Science .....	3
CISP 300 Algorithm Design/Problem Solving .....	3
CISP 360 Introduction to Structured Programming .....	4
CISP 400 Object Oriented Programming with C++ (4) .....	4
or CISP 405 Object Oriented Programming using C# on Visual Studio .NET (4) or CISP 409 Object Oriented Programming - must be JAVA (4)	
CISP 430 Data Structures .....	4
CISP 440 Discrete Structures for Computer Science .....	3
<b>TOTAL UNITS REQUIRED</b>	<b>21</b>

**CERTIFICATE****Computer Information Science ~ Windows Programming**

The Windows Programming Certificate provides students with the basic proficiencies required of entry level software technicians and computer programmers, with an emphasis on Microsoft Windows programming tools. Students may also use this program as a base for further study in computer science

REQUIRED PROGRAM	Units
CISC 310 Introduction to Computer Information Science .....	3
CISP 300 Algorithm Design/Problem Solving .....	3
CISP 370 Beginning Visual Basic .....	4
CISP 405 Object Oriented Programming using C# on Visual Studio .NET (4) ....	4
CISP 409 Object Oriented Programming (must be Visual Basic) .....	4
<b>TOTAL UNITS REQUIRED</b>	<b>18</b>

**CERTIFICATE****Computer Information Science ~ Relational Database Administration**

The Relational Database Administration Certificate is designed for a person who is responsible for interacting with SQL Programmers, Database Designers, Systems Administrators, and Network Engineers as well as the day-to-day operation of a Relational Database Management System. This course of study is appropriate for an entry level Database Administration position.

REQUIRED PROGRAM	Units
CISC 310 (CIS 3) Intro to Computer Information Science.....	3
CISA 320 (CIS 13A) Database Management .....	1
CISA 321 (CIS 13B) Intermediate Database Management .....	1
CISC 320 (CIS 14A) Operating Systems (Unix/Linux).....	1
CISC 321 (CIS 14B) Intermed Operating Systems (Unix/Linux).....	1
CISC 322 (CIS 14C) Adv Operating Systems (Unix or Linux) .....	1
CISP 300 (CIS 41) Algorithm Design/Problem Solving .....	3
CISP 351 (CIS 52A) Intro to Relational Database Design & SQL.....	3
CISP 352 (CIS 52B) Intermediate SQL.....	3
CISP 354 (CIS 54) Intro to Relational Database Admin.....	3
<b>TOTAL UNITS REQUIRED</b>	<b>20</b>

**CERTIFICATE****Computer Information Science ~ Web Programming**

This certificate prepares students to design, develop, support and maintain corporate level Web pages and full Web sites at the level of the Intranet or Internet. Additionally, this certificate will prepare students to design and develop database management applications to support Web-based commercial objectives.

REQUIRED PROGRAM	Units
BUS 310 (8) Business Communication (3) or ENGWR 300 (ENGL 1A) College Composition (3) .....	3
CISP 300 (CIS 41) Algorithm Design/Problem Solving .....	3
CISA 320 (CIS 13A) Database Management .....	1
CISC 320 (CIS 14A) Operating Systems (Unix) .....	1
CISC 321 (CIS 14B) Intermediate Operating Systems (Unix).....	1
CISW 300 (CIS 22) Web Publishing .....	3
CISW 425 (CIS 25) Scripting for the Internet (Perl).....	4
CISP 360 (CIS 32A) Intro to Structured Programming (C) .....	4
CISP 350 (CIS 37) Database Programming (Oracle or SQL).....	3
CISP 409 (CIS 39) Intro to Object Oriented Program (Java) .....	4
Plus five to seven (5-7) units selected from the following:.....	5-7
CISA 405 (CIS 26) Scripting for Applications (3)	
CISW 425 (CIS 25) Scripting for the Internet (JavaScript) (4)	
CISA 321 (CIS 13B) Intermediate Database Management (1)	
CISP 370 (CIS 38) Programming in Visual Basic (4)	
<b>TOTAL UNITS REQUIRED</b>	<b>32-34</b>

**Suggested Electives:**

CISC 310 (CIS 3) Intro to Computer Information Science (3)	
CISC 305 (CIS 21A) Introduction to the Internet (1)	
CISC 306 (CIS 21B) Introduction to Web Page Creation (1)	
CISC 320 (CIS 14A) Operating Systems (Windows) (1)	
CISW 380.1 (CIS 24A) e-Business: Intro and Environment (1.5)	

**CERTIFICATE**

**Computer Information Science ~ Web Publishing**

This certificate is designed to give students the benefits of hands-on training in Web Page Design and Publication, Internet usage, and proficiency with web-related media applications. Upon completion of this certificate, students may complete a second certificate in Advanced Web Publishing, towards the fulfillment of a Web Publishing degree.

REQUIRED PROGRAM	Units
BUS 310 (8)	Business Communication (3) or
ENGLWR 300 (ENGL 1A)	College Composition (3) .....3
CISC 320 (CIS 14A)	Operating Systems (Windows) (1) or
CISC 320 (CIS 14A)	Operating Systems (Unix) (1).....1
CISW 350 (CIS 21G)	Graphic Design for the Web.....1
CISW 300 (CIS 22)	Web Publishing .....3
<b>Design Elective:</b>	
PHOTO 400 (57)	Digital Imaging .....3
Plus four to six (4-6) units selected from the following:..... 4-6	
CISC 306 (CIS 21B)	Introduction to Web Page Creation (1)
CISA 340 (CIS 15A)	Presentation Graphics (2)
CISA 330 (CIS 17A)	Desktop Publishing (2)
CISW 380 (CIS 24)	e-Business: Intro & Environment, Technology & Infrastructure (3) or
CISW 380.1 (CIS 24A)	e-Business: Intro & Environment (1.5)
TOTAL UNITS REQUIRED	15-17

Suggested Electives:  
 CISC 310 (CIS 3) Intro to Computer Information Science (3)  
 CISW 425 (CIS 25) Scripting for the Internet (Javascript) (4)

**CERTIFICATE**

**Management Information Systems ~ Application Analyst**

This certificate is designed for the person who needs training beyond the ability to use computerized business application programs that support the office application environment. This course of study would be appropriate for the user who is responsible for general PC use in the office.

REQUIRED PROGRAM	Units
Management Information Systems - Application Technician Certificate	21-23
CISC 321 (CIS 14B)	Intermediate Operating Systems.....1
CISC 350 (CIS 16A)	Intro to Data Commun.....1
CISA 330 (CIS 17A)	Desktop Publishing.....2
CISA 331 (CIS 17B)	Intermediate Desktop Publishing .....2
TOTAL UNITS REQUIRED	27-29

**CERTIFICATE**

**Management Information Systems ~ Application Data Entry**

This certificate is designed for persons who need to know how to perform computer-related data entry. Students who continue their education by pursuing another Office Administration or Management Information Systems certificate may do so without repeating any courses completed for this certificate.

REQUIRED PROGRAM	Units
CISC 300 (CIS 1)	Computer Familiarization (1) or
CISC 310 (CIS 3)	Intro. to Computer Information Science (3) ..... 1-3
CISA 300 (CIS 11A)	Beginning Word Processing .....1
BUSTEC 101 (BUS 53)	Computer Keyboarding: 10 Key .....1
BUSTEC 110 (BUS 52)	Office Procedures.....3
BUSTEC 302 (BUS 41)	Computer Keyboarding.....2
BUSTEC 303 (BUS 42)	Computer Keyboard Formatting.....2
TOTAL UNITS REQUIRED	10-12

**CERTIFICATE**

**Management Information Systems ~ Application Technician**

This certificate provides additional training in the use of the most common computerized business application programs. This course of study would be appropriate for a user who is the lead person in an office.

REQUIRED PROGRAM	Units
Management Information Systems - Information Processing Certificate	16-18
CISA 311(CIS 12B)	Intermed Electr Spreadsheets.....1
CISA 321 (CIS 13B)	Intermed Database Management .....1
CISC 320 (CIS 14A)	Operating Systems.....1
CISA 340 (CIS 15A)	Presentation Graphics.....2
TOTAL UNITS REQUIRED	21-23

**CERTIFICATE**

**Management Information Systems ~ Information Processing**

This certificate is designed for the person who needs familiarity with the most common computerized business application programs.

REQUIRED PROGRAM	Units
Management Information Systems, Data Entry Certificate	10-12
BUS 310 (8)	Business Communication.....3
CISA 301(CIS 11B)	Intermed Word Processing.....1
CISA 310 (CIS 12A)	Electronic Spreadsheets.....1
CISA 320 (CIS 13A)	Database Management .....1
TOTAL UNITS REQUIRED	16-18

**CERTIFICATE**

**Management Information Systems ~ e-Business Infrastructure**

This program is designed for those wishing to prepare for entry-level positions on the infrastructure side of the emerging e-business industry. The program also provides a general background for those exploring e-business options in existing careers. The courses are designed to provide students with the knowledge and ability needed to profitably respond to this emerging and evolving industry. The certificate prepares students for positions that participate in the construction and implementation of e-business environments that involve Internet and Intranet processes and communications. Completers of this certificate will possess knowledge of the technical infrastructure that underlies the facilitation of business transactions (such as business-to-business, business-to-consumer, and consumer-to-consumer) over the Internet.

REQUIRED PROGRAM	Units
<b>E-Business Cluster:</b>	
Choose three (3) units from the following:.....3	
CISW 380 (24)	e-Business: Intro & Environ: Tech & Infrastructure (3)
CISW 380.1 (24A)	e-Business: Intro and Environment (1.5)
CISW 380.2 (24B)	e-Business: Tools and Techniques (1.5)
BUS 360 (24)	e-Business: Intro & Environ: Tech & Infrastructure (3)
BUS 360.1 (24A)	e-Business: Intro and Environment (1.5)
BUS 360.2 (24B)	e-Business: Tools and Techniques (1.5)
<b>Web Cluster:</b>	
Choose four (4) or more units from the following:.....4	
CISC 305 (21A)	Introduction to the Internet (1)
CISC 306 (21B)	Intro to Web Page Creation (1)
CISW 300 (22)	Web Publishing (3)
CISW 425 (25)	Scripting for the Internet (4)
<b>Graphics Cluster:</b>	
Choose four (4) or more units from the following:.....4	
CISW 350 (21G)	Imaging for the Web (1)
PHOTO 400 (57)	Digital Imaging (3)
PHOTO 410 (59)	Advanced Digital Imaging (3)
<b>Open Electives:</b>	
Choose four (4) or more units from the following:.....4	
Any ACCT, BUS, CISA, CISN, CISW, CISP, ECON, or MKT course	
TOTAL UNITS REQUIRED	15

## Computer Info Science - Apps (CISA)

### CISA 160 PROJECT MANAGEMENT TECHNIQUES AND SOFTWARE 3 UNITS

Prerequisite: None  
 Advisory: CISC 300, 310, ENGRD 112, or ENGWR 101 .  
 Hours: 54 hours LEC

This is an introductory course covering the responsibilities of a project manager. It includes the knowledge needed to manage project resources. The course will also introduce the student to the use of project management software to track project resources, tasks, and milestones.

### CISA 299 EXPERIMENTAL OFFERING IN COMPUTER INFORMATION SCIENCE - APPLICATIONS .5-4 UNITS

Prerequisite: None  
 Hours: 18 hours LEC ; 54 hours LAB

### CISA 300 BEGINNING WORD PROCESSING 1 UNIT

Prerequisite: BUSTEC 302 or keyboarding speed verification at 25 wpm or better. Grade of "C" or better required to meet prerequisite.  
 Advisory: CISC 300 or 310.  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 18 hours LAB

This is a course designed to introduce students to the use of word processing programs. The course includes basic word processing operations: formatting, editing, saving, retrieving, printing text and creating and editing simple tables. It also includes business document formatting. Students may receive one unit credit for each topic offered. Consult the class schedule for specific topics. This course may be taken four times for credit.

### CISA 301 INTERMEDIATE WORD PROCESSING 1 UNIT

Prerequisite: CISA 300. Grade of "C" or better required to meet prerequisite.  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 18 hours LAB

This is a course designed to build upon previous training in the use of word processing. The course covers intermediate to advanced word processing features, such as styles, macros, outlines, documents notations, forms, charts, and mail merge. Also covered are integrating word processing with other applications and creating documents for use on the Internet, i.e. web pages and e-mail attachments in word processing. Advanced business document formatting will also be included. Students may receive one unit credit for each topic offered. Consult the class schedule for specific topics. This course may be taken four times for credit.

### CISA 308 EXPLORING WORD PROCESSING AND PRESENTATION SOFTWARE 1 UNIT

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 18 hours LAB

This course introduces the student to the most widely used word processing and presentation software, Microsoft Word and Powerpoint. This course covers basic features and skills of creating documents, editing documents, formatting documents, as well as, inserting tables and graphics. The course will cover the basic features and skills necessary to produce PowerPoint presentations in the form of slide shows and handouts. The course introduces the student to adding transitions, timings, graphics, and sounds, as well as producing handouts and lecture notes.

### CISA 310 INTRODUCTION TO ELECTRONIC SPREADSHEETS 1 UNIT

Prerequisite: None  
 Advisory: CISC 300 or 310.  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 18 hours LAB

This is a course designed to introduce the student to the use of spreadsheet programs. The course will include designing a spreadsheet, developing formulas for automatic calculations, using special functions, developing what-if models and producing reports. Students will be using mathematical concepts and skills. Students may receive one unit credit for each topic offered. Consult the class schedule for specific topics.

### CISA 311 INTERMEDIATE ELECTRONIC SPREADSHEETS 1 UNIT

Prerequisite: CISA 310. Grade of "C" or better required to meet prerequisite.  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 18 hours LAB

This course introduces the student, through hands-on operations, to the intermediate features of spreadsheet programs on the microcomputer. The course will cover keyboard macros, lookup tables and logical expressions as well as advanced file operations and spreadsheet convenience commands. Students will follow spreadsheet templates and design their own sheets. Students may receive one unit credit for each topic offered. Consult the class schedule for specific topics.

### CISA 320 INTRODUCTION TO DATABASE MANAGEMENT 1 UNIT

Prerequisite: None  
 Advisory: CISC 300 or 310.  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 18 hours LAB

This course is designed to introduce the student to the use of database management programs on the computer. The course will include designing a database; accessing, searching and updating files; and designing and producing printed reports. Students will be reading and interpreting written and oral instructions of a technical nature. Students may receive one unit credit for each topic offered. Consult the class schedule for specific topics.

### CISA 321 INTERMEDIATE DATABASE MANAGEMENT 1 UNIT

Prerequisite: CISA 320. Grade of "C" or better required to meet prerequisite.  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 18 hours LAB

This course will extend the capabilities of students who have started to use a microcomputer database. Topics and laboratory will include complex relational databases, form design, intermediate report design, advanced queries, OLE objects, macros and an introduction to visual programming. Students may receive one unit credit for each topic offered. Consult the class schedule for specific topics. This course may be taken four times for credit.

### CISA 330 DESKTOP PUBLISHING 2 UNITS

Prerequisite: None  
 Advisory: CISC 300 or 310; and CISA 300.  
 Course Transferable to CSU  
 Hours: 27 hours LEC ; 27 hours LAB

This course will cover the introductory elements of desktop publishing. The course is taught in three modules with a project attached to each module. The course covers hardware and software, elements of design, computer graphics, text composition, page layout, and integration of text and graphics. Projects may include, but are not limited to: business cards, stationery, logos, covers, flyers, brochures, newsletters. Students may receive two units credit for each topic offered. Not open to students who have received credit for JOUR 335.

### CISA 331 INTERMEDIATE DESKTOP PUBLISHING 2 UNITS

Prerequisite: CISA 330 or JOUR 335. Grade of "C" or better required to meet prerequisite.  
 Course Transferable to CSU  
 Hours: 27 hours LEC ; 27 hours LAB

This course will cover the intermediate elements of desktop publishing. The course is taught in three modules with a project attached to each module. The course covers intermediate hardware and software, elements of intermediate design, graphics and text composition, multi-page layout, design for publishing presentations, project management and single- and multi-page documents. Projects may include, but are not limited to, reports, slicks, slides, overheads, posters, transparencies, billboards, brochures, newsletters. Students may receive two units credit for each topic offered. Not open to students who have received credit for JOUR 336.

### CISA 340 PRESENTATION GRAPHICS 2 UNITS

Prerequisite: None  
 Advisory: CISC 300 or 310.  
 Course Transferable to CSU  
 Hours: 27 hours LEC ; 27 hours LAB

This course is an introduction to the use of the computer to generate graphics used in business. Topics include hardware (screens, printers, input devices), software (paint, chart, Photoshop), types of graphics (photographs, graphics, charts, designs). Students will learn how to edit and format presentations and present those ideas to an audience. The class includes lecture and hands-on experience. The course may be taken four times for credit on different software programs.

### CISA 405 SCRIPTING FOR APPLICATIONS 3 UNITS

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 54 hours LEC

This course is an introduction to the application scripting. Topics include OS environment, office suites, scripting languages, user interface, creating macros, using application objects, properties and methods, customizing applications, linking application data, buttons, boxes, graphics, data handling, error handling, control, and form handling. This course will enable students to understand object oriented programming concepts like forms, methods, projects and modules. Students will design useful application macros and scripts. Students may receive three units of credit for each topic offered. Consult the class schedule for specific topics. This course may be taken four times for credit.

### CISA 499 EXPERIMENTAL OFFERING IN COMPUTER INFORMATION SCIENCE - APPLICATIONS .5-4 UNITS

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 54 hours LAB

## Computer Info Science - Core (CISC)

### CISC 300 COMPUTER FAMILIARIZATION 1 UNIT

Prerequisite: None

Advisory: BUSTEC 302.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This is an introductory course to provide general knowledge on 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, wordprocessing software, spreadsheet software, and the Internet will be emphasized. Students will be reading and interpreting written and oral instructions of a technical nature.

### CISC 303 COMPUTER SKILLS FOR EDUCATORS 3 UNITS

Prerequisite: None

Advisory: BUSTEC 302.

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed for educators of young children. The course will provide a comprehensive overview of the use of computer technology in the classroom in order to enhance the educational advancement of the child and facilitate ease of instruction and administration for the teacher. The course will provide hands-on experience in the use of computer applications, educational software, and problem-solving skills. Not open to students who have received credit for ECE 302.

### CISC 305 INTRODUCTION TO THE INTERNET 1 UNIT

Prerequisite: None

Advisory: CISC 300 or 310.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

Students will learn how the Internet works, how to connect, and how to use the basic services. Topics will include the World Wide Web, e-mail, chat, news groups and mailing lists, Telnet, and File Transfer Protocol (FTP). Students will also be introduced to HyperText Markup Language (HTML).

### CISC 306 INTRODUCTION TO WEB PAGE CREATION 1 UNIT

Prerequisite: CISC 305. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

The student will be able to produce a Web page, including design, layout, construction, and presentation. HTML will be used to format a Web page. This course may be taken four times for credit on different software programs.

### CISC 308 EXPLORING COMPUTER ENVIRONMENTS AND THE INTERNET 1 UNIT

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course acquaints the student with the fundamentals of microcomputer hardware, software and computer networking.

### CISC 310 INTRODUCTION TO COMPUTER INFORMATION SCIENCE 3 UNITS

Prerequisite: None

Advisory: BUSTEC 302.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to the computer field covering the function and concepts of hardware, computer programming, application and operating software, data communications, the Internet, databases, employment opportunities, and the social impact of the computer. Students will be reading and interpreting written and oral instruction of a technical nature.

### CISC 320 OPERATING SYSTEMS 1 UNIT

Prerequisite: None

Advisory: CISC 300 or 310.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course introduces the student to the concepts of an operating system (for example, Windows, AS 400, or UNIX). Students may receive one unit credit for each topic offered. Consult the class schedule for specific topics.

### CISC 321 INTERMEDIATE OPERATING SYSTEMS 1 UNIT

Prerequisite: CISC 320. Grade of "C" or better required to meet prerequisite. Computer programming experience highly recommended.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course is intended to advance the student's knowledge of operating systems, (for example, DOS, Windows or UNIX). The class covers the study of advanced commands, effective utility use, advanced batch files/script files, program logic, disk organization, making user-friendly systems, anticipating and preventing system problems. The class may be taken more than once for credit, if the course covers a different operating system than that for which the student had previously received credit.

### CISC 322 ADVANCED OPERATING SYSTEMS 1 UNIT

Prerequisite: CISC 321. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course is an extension of concepts learned in Intermediate Operating Systems. It covers issues including: system maintenance, system optimization, system protection, adding system utilities, scripting, defining user parameters, trouble shooting, device and file sharing. Students may receive one unit of credit for each topic offered. Consult the class schedule for specific topics. This course may be taken four times for credit.

### CISC 350 INTRODUCTION TO DATA COMMUNICATIONS 1 UNIT

Prerequisite: None

Advisory: CISC 321 (Windows).

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course is an introductory, hands-on course in networking and network hardware and software. It will include Internet, E-mail, modems, communications protocol, local area networks, wide area networks, network architecture, and protocols. CISC 351 and this course are preparation for the Network+ Certification Exam.

### CISC 351 INTRODUCTION TO LOCAL AREA NETWORKS 1 UNIT

Prerequisite: CISC 350. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course is an intermediate, hands-on course in networking and network hardware and software. It includes troubleshooting network operating systems, analyzing network performance, and network security techniques. It will also include modulation, error detection, and multiplexing and fiber optics communication. CISC 350 and this course are preparation for the Network+ Certification Exam.

### CISC 360 MICROCOMPUTER SUPPORT AND MAINTENANCE 4 UNITS

Prerequisite: CISC 310, 320, 350; CISA 300, 310 and 320. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 36 hours LEC ; 108 hours LAB

This course is an introduction to technical support and maintenance of microcomputers. It includes lecture and hands-on application of help desk concepts and responsibilities, hardware and software troubleshooting in a networked environment, system documentation, and technical communication skills.

### CISC 495 INDEPENDENT STUDIES IN COMPUTER INFORMATION SCIENCE - CORE 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### CISC 498 WORK EXPERIENCE IN COMPUTER INFORMATION SCIENCE 1-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### CISC 499 EXPERIMENTAL OFFERING IN COMPUTER INFORMATION SCIENCE - CORE .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## Computer Info Science-Network (CISN)

### CISN 140 CISCO NETWORKING ACADEMY (CCNA): DATA COMMUNICATION & NETWORKING FUNDAMENTALS 3 UNITS

Prerequisite: None

Advisory: CISC 300 and 320.

Hours: 54 hours LEC ; 18 hours LAB

This course is designed to introduce students to data communication and networking fundamentals. The course surveys data communication hardware and software components and basic networking concepts. Topics covered include data communication, the OSI Model, IP addressing, routing concepts, LAN media, and network management and analyses. This is the first course in preparation for the CISCO CCNA certification examination.

### CISN 141 CISCO NETWORKING ACADEMY (CCNA): NETWORKING THEORY AND ROUTING TECHNOLOGIES 3 UNITS

Prerequisite: CISN 140.

Hours: 54 hours LEC ; 18 hours LAB

This course provides an introduction to networking theory and routing technologies, including the OSI Model, beginning router configuration, and routed and routing protocols. This is the second course in preparation for the CISCO CCNA certification examination.

### CISN 142 CISCO NETWORKING ACADEMY (CCNA): ADVANCED ROUTING AND SWITCHING 3 UNITS

Prerequisite: CISN 141.

Hours: 54 hours LEC ; 18 hours LAB

This course provides advanced routing and switching technologies. Topics include advanced router configurations, network management, advanced network design, LAN switching, and VLANs. This is the third course in preparation for the CISCO CCNA certification examination.

### CISN 143 CISCO NETWORKING ACADEMY (CCNA): WIDE AREA NETWORK AND PROJECT-BASED LEARNING 3 UNITS

Prerequisite: CISN 142.

Hours: 54 hours LEC ; 18 hours LAB

This course develops knowledge and skills to design and configure an advanced, wide area network (WAN) projects using the CISCO IOS command set. This is the fourth course in preparation for the CISCO CCNA certification examination.

### CISN 299 EXPERIMENTAL OFFERING IN COMPUTER INFORMATION SCIENCE - NETWORKING .5-4 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

## Computer Info Science -Program (CISP)

### CISP 300 ALGORITHM DESIGN/PROBLEM SOLVING 3 UNITS

Prerequisite: CISC 310. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is designed to assist the Computer Science major with the understanding of typical computer problems. Topics covered include assessing and analyzing computer problems in a top down, divide and conquer approach that leads to a programming solution. Students will create programming plans and detailed design documents from which source code versions of programs can be created.

### CISP 310 ASSEMBLY LANGUAGE PROGRAMMING FOR MICROCOMPUTERS 4 UNITS

Prerequisite: CISC 310. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course teaches Assembly language programming using the Pentium family of microprocessors. The course will cover architecture, instruction set, addressing modes, interrupts and peripheral control. Program structure and operating system support features that are available to the Assembly language programmer will be studied. Structured programming and efficient design will be emphasized.

### CISP 350 DATABASE PROGRAMMING 3 UNITS

Prerequisite: CISA 320 and three units in any programming language. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This is an introductory course in programming database. The topics include analysis and design, modular programming, screen displays and menus, and multiple databases. Students may receive three units credit for each topic offered. Consult the class schedule for specific topics. This course may be taken four times for credit.

### CISP 351 INTRODUCTION TO RELATIONAL DATABASE DESIGN AND SQL 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to introduce relational database technology, normalization, entity relationships, logical model design, and ISO-ANSI standard Structured Query Language (SQL). Topics covered include: database design, basic properties of a relational database such as relations, tables, primary keys, foreign keys and principles of normalization, simple SQL select statements, sorting and grouping data, joining tables, subqueries and views. The database design section focuses on logical model design and entity relationship (ER) modeling. Students will leave the course with a good working knowledge of database technology.

### CISP 352 INTERMEDIATE SQL 3 UNITS

Prerequisite: None

Advisory: Completion of CISP 351 or equivalent.

Course Transferable to CSU

Hours: 54 hours LEC

This course builds upon the Introduction to Relational Databases and SQL course with more in-depth SQL constructs common to most commercial database products and extensions to the SQL language. Topics include: complex joins including inner and outer joins, correlated subqueries, complex table definition, table and column constraints, Union, Intersection, Minus, triggers, procedures and packages.

### CISP 353 APPLICATION DEVELOPMENT IN A CLIENT SERVER ENVIRONMENT 3 UNITS

Prerequisite: None

Advisory: Completion of CISP 352 or equivalent.

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed for the intermediate level SQL programmer to design, create and deploy GUI applications that access relational database management systems. Topics include: GUI design fundamentals, data control and access methods (remote and local), creating datasets, implementing joins, transaction processing, multi-user data access, record locking, and deploying and installing applications on client workstations.

### CISP 354 INTRODUCTION TO RELATIONAL DATABASE ADMINISTRATION 3 UNITS

Prerequisite: None

Advisory: Completion of CISP 352 or equivalent.

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to introduce students to administering a relational database management system. Topics include: managing users, privileges, resources, and tablespaces; creating an operational database, managing database files; how to start up and shut down an instance or database, the data dictionary, transaction processing, and backup and recovery issues. Completion will provide students with sufficient knowledge for an entry level Database Administration position in industry.

### CISP 360 INTRODUCTION TO STRUCTURED PROGRAMMING 4 UNITS

Prerequisite: CISP 300. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 72 hours LEC

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 370 BEGINNING VISUAL BASIC 4 UNITS

Prerequisite: CISP 300. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course is an introduction to the Visual BASIC programming language. Students will design, build, and test interactive stand-alone Windows applications with features such as buttons, text input boxes, drop-down lists, menus, dialog boxes, and multiple windows.

**CISP 400 OBJECT ORIENTED PROGRAMMING WITH C++ 4 UNITS**

Prerequisite: CISP 360. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course is an intermediate C++ course designed to further enhance the students' abilities to design and develop object-oriented programs. Included is an emphasis in GUI development. Detailed information into class design and implementation, function templates, dynamic pointers and intermediate level arrays is provided.

**CISP 405 OBJECT ORIENTED PROGRAM USING C# ON VISUAL STUDIO .NET 4 UNITS**

Prerequisite: CISP 400. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course is an introduction to C# object oriented programming language on Visual Studio .Net environment. Topics will include Visual Studio .NET IDE, Constructors, Methods, Arrays, Inheritance, Polymorphism, Exception Handling, GUI, and Multithreading. This course is designed for students to understand the web base as well as system development capabilities of C#.

**CISP 409 OBJECT ORIENTED PROGRAMMING 4 UNITS**

Prerequisite: The student must have satisfactorily completed a course in introduction to programming, required to meet prerequisite in the fundamental language of the object oriented programming language (examples: CISP 370-Beginning Visual BASIC for Visual BASIC, CISP 365-Pascal for Delphi, CISP 400-Object Oriented Programming with C++). Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course is an introduction to object oriented programming. It may use a number of different programming languages (including but not limited to: Visual BASIC, Delphi, C++) and may be taken more than once for credit for different programming languages. The student must have successfully completed an introductory class (such as CISP 365, 370, 400) in the fundamental language of that being offered. The student will learn how to look at data and its relationships to the functions that operate on data. Topics will include but not be limited to: forms, components, properties, classes, objects, static and dynamic relationships, data bases, data sets, queries, hierarchies, inheritance, coding, dialog boxes, associations, testing and debugging.

**CISP 430 DATA STRUCTURES 4 UNITS**

Prerequisite: The student must have satisfactorily completed a course in intermediate programming in the language of the structures course being offered. For example: CISP 409 or 400 with a grade of "C" or better.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course applies a case study approach which incorporates techniques for systematic problem analysis, program specification, design, coding, testing, debugging and documentation of large programs. Advanced language features related to strings, non-text files, pointers, recursion, and object-oriented programming methodology are covered. Data structures include stacks, queues, trees, lists, etc. Searching and sorting techniques are discussed. Student may receive four units of credit for each topic offered. Consult the class schedule for specific topics. This course may be taken four times for credit.

**CISP 440 DISCRETE STRUCTURES FOR COMPUTER SCIENCE 3 UNITS**

Prerequisite: MATH 370. Grade of "C" or better required to meet prerequisite.

Corequisite: CISP 430. Grade of "C" or better required to meet corequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to the essential discrete structures used in Computer Science, with emphasis on their applications. Topics to be covered include: elementary formal logic and set theory, elementary combinatorics, recursive programming and algorithm analysis, digital logic and switching, combinational circuits, and computer arithmetic.

**CISP 499 EXPERIMENTAL OFFERING IN COMPUTER INFORMATION SCIENCE - PROGRAMMING .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**Computer Info Science - Web (CISW)****CISW 300 WEB PUBLISHING 3 UNITS**

Prerequisite: None

Advisory: CISC 305; familiarity with the Internet and its basic services.

Course Transferable to CSU

Hours: 54 hours LEC

This course is an introduction to publishing on the Internet's World Wide Web (www). Topics include creating www pages with the HyperText Markup Language (html), organizing a series of pages into a website, and uploading web pages to a server. The course makes extensive use of the computer tools necessary to insert html tags, create images, and view web documents. This course prepares apprentice web designers and publishers to identify the information dissemination needs of a client, design an appropriate World Wide Web solutions, and implement it.

**CISW 321 WEB SITE DEVELOPMENT USING DREAMWEAVER 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

Students will use Dreamweaver, a visual web-authoring tool, to develop and implement web sites. The topics covered include: creating web pages that contain text, images, links, tables, frames, forms, Cascading Style Sheets and image maps, enhancing web pages with Flash text, Flash buttons and the built-in scripting language, developing effective web site structures, using web site management tools, web site documentation, making global updates to a web site, and extending Dreamweaver. Students will work individually and as a member of a team to plan, implement, test and evaluate web sites.

**CISW 350 IMAGING FOR THE WEB 1 UNIT**

Prerequisite: None

Advisory: CISC 306.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course takes a look at designing graphics for the web. Using industry standard graphic software, students will create original graphics as well as manipulate found imagery. Through lecture, demonstration and hands-on methods as well as class/instructor critiques, students will understand the process for designing graphics for use on the World Wide Web. Topics include developing graphic elements for a web site using a visual theme, creating buttons and intuitive navigational elements, making background textures and images, understanding web file formats, scanning, and simple animations that enhances a web site. This course may be take four times for credit.

**CISW 380 E-BUSINESS: INTRODUCTION AND ENVIRONMENT; TECHNOLOGY AND INFRASTRUCTURE 3 UNITS**

Prerequisite: None

Advisory: BUS 300; CISC 305.

Course Transferable to CSU

Hours: 54 hours LEC

Information is now exchanged very rapidly and customers have an instantaneous way to compare offerings from sellers on a worldwide basis. The purpose of this course is to describe the e-business environment, describe the options available to business utilizing e-business, and identify the critical components needed to develop a plan and strategy to implement for a business. The course will focus on e-business for small and medium sized businesses. Not open to students who have received credit for BUS 360.

**CISW 380.1 E-BUSINESS: INTRODUCTION AND ENVIRONMENT 1.5 UNITS**

Prerequisite: None

Advisory: BUS 300; CISC 305.

Course Transferable to CSU

Hours: 27 hours LEC

Information is now exchanged very rapidly and customers have an instantaneous way to compare offerings from sellers on a worldwide basis. The purpose of this course is to describe the e-business environment, describe the options available to business utilizing e-business, and identify the critical components needed to develop a plan and strategy to implement for a business. The course will focus on e-business for small and medium sized businesses. Not open to students who have received credit for BUS 360.1.

**CISW 380.2 E-BUSINESS: TOOLS AND TECHNIQUES 1.5 UNITS**

Prerequisite: None

Advisory: BUS 300; CISC 305; CISW 380.1 or BUS 360.1.

Course Transferable to CSU

Hours: 27 hours LEC

The explosive growth of the Internet has changed the fundamental ways in which business is conducted. Information is now exchanged instantly and customers have an instantaneous way to compare offerings from sellers on a worldwide basis. The purpose of this course is to explore the tools, techniques, and technology needed to implement a company's e-business strategy. Specific content will include payment systems, privacy and security issues, hardware and software solutions, and business issues directly related to e-commerce. The course will focus on e-business infrastructure for small and medium sized businesses. Not open to students who have received credit for BUS 360.2.

**CISW 425 SCRIPTING FOR THE INTERNET 4 UNITS**

Prerequisite: None

Advisory: CISW 300 and CISC 310.

Course Transferable to CSU

Hours: 72 hours LEC

This course introduces the student to Internet web page programs designed with various scripting tools. This course emphasizes the creation of web pages incorporating complex processes using a traditional structured, topdown design and implementation approach. Students will learn to design and write scripts to automate processes, maintain databases, handle image maps, maintain security, implement statistical data collection, do problem analysis, do general housekeeping, build templates, and do other multi-media tasks. Students may receive four units of credit for each topic offered. Consult the class schedule for specific topics. This course may be taken four times for credit.

**CISW 499 EXPERIMENTAL OFFERING IN COMPUTER INFORMATION SCIENCE-WEB .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Criminal Justice

**Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645**

This Folsom Lake College program is designed for the student who is interested in law enforcement, private security or home safety. It provides basic firearms training in the use of the handgun and shotgun. Safety, ethics, and criminal liability are also covered.

**Career Options**

Work in Correctional Institutions; work in Law Enforcement Agencies; Private Security Guard; Home Safety

**Highlights**

Course(s) 832 P.C. POST-approved

Instruction in safe use and care of firearms as well as moral aspects on and off duty

Shooting exercises conducted on an approved range

Authorization to carry handguns in law enforcement or security agency granted only to qualifying students

Upon successful completion of the each course a certificate will be awarded; one for the Arrest, Search and Seizure Class and one for the Firearms class.

## Construction Management Tech (CMT)

**CMT 498 WORK EXPERIENCE IN CONSTRUCTION MANAGEMENT TECHNOLOGY 1-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## Criminal Justice (CJ)

**CJ 1000 ARREST, SEARCH AND SEIZURE 2 UNITS**

Prerequisite: None

Hours: 40 hours LEC

Ethics and orientation to police service; discretionary decision-making; arrest, search and seizure laws and cases; methods of arrest. Complies with the requirements of section 832 of the Penal Code. Certified by POST - (Peace Officers Standards and Training).

**CJ 1001 FIREARMS 1 UNIT**

Prerequisite: CJ 1000. Grade of "C" or better required to meet prerequisite.

Hours: 12 hours LEC ; 12 hours LAB

Legal, moral and safety aspects of firearms use; range firing and qualification. Complies with the requirements of section 832 of the Penal Code. Certified by POST (Peace Officers Standards and Training). Students may wish to challenge the prerequisite on the basis of equivalent experience.

# Early Childhood Education

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREES**

- A.A. — Early Childhood Education
- A.A. — Early Childhood Education, Site Supervisor

**CERTIFICATES**

- Early Childhood Education, Assistant Teacher
- Early Childhood Education, Associate Teacher
- Early Childhood Education, Teacher
- Early Childhood Education, Master Teacher
- Early Childhood Education, Infant Specialist
- Early Childhood Education, School Age Specialist
- Early Childhood Education, Site Supervisor
- Early Childhood Education, Family Child Care

The Folsom Lake College program offers a hands-on approach to learning skills in working with young children from birth through the age of 12. Certificates and degrees have been designed to prepare students for employment at the various levels within privately funded child care centers and publicly funded child development programs.

The program meets the course requirements for teachers and directors of private child care programs licensed by the California State Department of Social Services (Title 22). In addition, the program meets the coursework requirements for the Child Development Permit issued by the California Commission on Teacher Credentialing.

**Early Childhood Career Options**

Preschool Teacher; Infant Care Teacher; School Age Teacher; Preschool Director; Infant Care Director; Site Supervisor of Preschool/School Age Programs; Family Child Care Provider; Public School Aide; Pediatric Nurse; Camp Counselor; Recreational Leader; Nanny; Elementary School Teaching Assistant; Parent Educator; Home Visitor

**Elementary Teaching**

For the person interested in teaching in a self-contained elementary school classroom, Folsom Lake College has courses leading toward a Liberal Studies major at California State University, Sacramento. Before selecting classes, please check with your counselor to receive the most up-to-date information.

Some career options may require more than two years of college study.

**Secondary Teaching**

In order for a student to prepare for a secondary teaching credential, the student should complete the lower division requirements for the teaching major while completing the transfer general education requirements needed for transfer. A counselor can assist the student in selecting the appropriate courses.

Note: Students planning to enroll in Work Experience or practicum classes [ECE 320 (3), ECE 321 (4), ECE 334 (7L), ECE 350 (10), and ECE 498 (48)] must show evidence of TB clearance before working with children.

**Highlights**

Two AA Degrees and eight Certificates

On- and off-campus course offerings

An on-site Child Development Center for observation and practicum field experience that models best principles and practices

**A.A. DEGREES**

The Teacher and Master Teacher Certificates, as well as the AA Degrees in Early Childhood Education and the Site Supervisor, are aligned with the Child Development Permits issued by California's Commission of Teacher Credentialing (January 1997). California law requires that teachers in state-funded child care and development programs possess a Child Development Permit.

**DEGREE**

**A.A.—Early Childhood Education**

REQUIRED PROGRAM	Units
ECE 300 (1) Introduction to Early Childhood Education	3
ECE 320 (3) Principles and Practices in ECE	4
ECE 321 (4) Advanced Principles and Practices in ECE	4
ECE 331 Education and Care of Infants in Group Settings	3
ECE 420 (5) Admin of Child Development Centers (3) or Adult Supervision: Mentoring in a Collaborative Learning Setting (2)	2-3
ECE 410 (13) Health and Safety in the Child Care Setting	1
ECE 430 (36) Culture and Diversity in ECE	3
FCS 312 (34) Child Development or PSYC 372 (34) Child Development	3
FCS 314 (35) The Child, the Family and the Community	3
A minimum of six (6) units from the following:	6
ECE 304 Family to Family: Introduction to Family Child Care (1)	
ECE 330 Infant Development (3)	
ECE 356 Programs for the School-Age Child (3)	
ECE 361 Introducing Young Children to Visual Arts (3)	
ECE 402 Infants with Atypical Development (3)	
ECE 404 Children with Special Needs (3)	
ECE 415 Children's Health, Safety and Nutrition (3)	
TOTAL UNITS REQUIRED	32-33

Suggested Electives for fulfilling GE or 60-unit degree requirement:  
 ART 430, ENGLT 370, MUFHL 330, MUSM 370, SILA 305, SILA 306, COMM 301, COMM 361, ECE 350, ECE 415, ENGED 320, NUTRI 300, MUFHL 330, ECE 356, ECE 364, ECE 402, ECE 420, ECE 422, ECE 424, ECE 498, FCS 322, MUIVI 370, MUIVI 371, NUTRI 300, PS 472, SPAN 101, SPAN 401, SPAN 402, SPAN 411, SPAN 412.

**DEGREE**

**A.A.— Early Childhood Education, Site Supervisor**

REQUIRED PROGRAM	Units
ECE 300 (1) Introduction to Early Childhood Education	3
ECE 320 (3) Principles and Practices in ECE	4
ECE 321 (4) Advanced Principles and Practices in ECE	4
ECE 420 (5) Administration of Child Development Centers	3
ECE 330 (7A) Infant Development (3) or ECE 400 (8) The Exceptional Child (3) or ECE 404 (11) Children with Special Needs (3) or	3
ECE 410 (13) Health and Safety in the Child Care Setting	1
ECE 422 (15) Adv. Coord. & Supervision of Child Dev. Programs	3
ECE 424 (47) Adult Supervision: Mentoring in a Collaborative Learning Setting	2
ECE 430 (36) Culture and Diversity in ECE	3
FCS 312 (34) Child Development or PSYC 372 (34) Child Development	3
FCS 314 (35) The Child, the Family and the Community	3
TOTAL UNITS REQUIRED	32

Suggested Electives:  
 ECE 402 (6), 356 (9), 415 (14), 496 (46), 498 (48); FCS 322 (33); MUIVI 340 (30A), 341 (30B), 370 (42A), MUSM 370 (9); NUTRI 300 (10); SPAN 401 (1A), 101 (50A); ECE 364 (24); ART 430 (26); ENGLT 370 (39); CISC 303 (4)/ECE 302 (29).

To be eligible for the Child Development Permit (Site Supervisor), complete AA degree in ECE. Students must also complete experience requirements for the particular permit for which you are applying. See ECE Department for further information.

**CERTIFICATES**

Upon completion of one of the following certificates, and with appropriate documented experience, the student meets the minimum requirements for employment in a privately funded child care program or family day care program. Certificates are designed to meet varying employment levels and focused training with infants and school-age children. These requirements are outlined in Title 22 (Department of Social Services) regulations for child care licensing.

**CERTIFICATE****Early Childhood Education, Assistant Teacher**

REQUIRED PROGRAM	Units
FCS 312 (34) Child Development or	
PSYC 372 (34) Child Development	3
ECE 300 (34) Intro to Early Childhood Education (3) or	
FCS 314 (35) The Child, The Family, and The Community	3
<b>TOTAL UNITS REQUIRED</b>	<b>6</b>

Students must take FCS 312 or PSYC 372 AND ECE 300 or FCS 314. 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****Early Childhood Education, Associate Teacher**

REQUIRED PROGRAM	Units
ECE 300 (1) Introduction to Early Childhood Education	3
ECE 320 (3) Principles and Practices in ECE	4
ECE 410 (13) Health and Safety in Child Care Setting	1
ECE 410 OR ECE 411 (.5 unit) and ECE 412 (.25 unit) and ECE 413 (.25 unit)	
FCS 312 (34) Child Development or	
PSYC 372 (34) Child Development	3
FCS 314 (35) The Child, The Family, and The Community	3
<b>TOTAL UNITS REQUIRED</b>	<b>14</b>

To be eligible for the Child Development Permit (Associate Teacher) students must also complete experience requirements for the particular permit for which they are applying. See ECE Department for further information. Upon successful completion of an Associate Teacher Certificate, and with documented experience, the student demonstrates knowledge, preparation, and competencies to be a teacher in a privately funded early learning program and as a teacher assistant in a publicly funded early learning program. Additionally, the certificate meets mandated licensing requirements for Title 22 of the Health and Safety Code of the Department of Social Services, Community Care Licensing Division and leads to the Associate Teacher Permit issued by the California Commission on Teacher Credentialing.

**CERTIFICATE****Early Childhood Education, Family Child Care**

REQUIRED PROGRAM	Units
ECE 300 (1) Introduction to Early Childhood Education	3
ECE 304 (19) Introduction to Family Day Care	1
ECE 410 (13) Health and Safety in Child Care Setting	1
ECE 410 OR ECE 411 (.5 unit) and ECE 412 (.25 unit) and ECE 413 (.25 unit)	
ECE 498 (48) Work Experience in ECE	4
Students must successfully complete documented work experience in a licensed Family Child Care Home	
FCS 312 (34) Child Development or	
PSYC 372 (34) Child Development	3
FCS 314 (35) The Child, The Family, and The Community	3
<b>TOTAL UNITS REQUIRED</b>	<b>15</b>

Upon successful completion of the Family Child Care Certificate, a student demonstrates knowledge, preparation and competencies to be a family childcare provider.

**CERTIFICATE****Early Childhood Education, Infant Specialist**

(formerly ECE, Infant Care)

REQUIRED PROGRAM	Units
ECE 300 (1) Introduction to Early Childhood Education	3
ECE 320 (3) Principles and Practices in ECE	4
ECE 330 (7A) Infant Development	3
ECE 331 (7B) Education and Care of Infants in Group Settings	3
ECE 334 (7L) Laboratory with Infants and Toddlers	1
ECE 402 Infants with Atypical Development	3
ECE 410 (13) Health and Safety in Child Care Settings	1
ECE 410 OR ECE 411 (.5 unit) and ECE 412 (.25 unit) and ECE 413 (.25 unit)	
FCS 312 (34) Child Development or	
PSYC 372 (34) Child Development	3
FCS 314 (35) The Child, the Family, and the Community	3
<b>TOTAL UNITS REQUIRED</b>	<b>24</b>

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****Early Childhood Education, School Age Specialist**

REQUIRED PROGRAM	Units
ECE 300 (1) Introduction to Early Childhood Education	3
ECE 320 (3) Principles and Practices in ECE	4
ECE 321 (4) Advanced Principles and Practices in ECE	4
ECE 356 (9) Programs for the School-Age Child	3
ECE 410 (13) Health and Safety in Child Care Setting	1
ECE 410 OR ECE 411 (.5 unit) and ECE 412 (.25 unit) and ECE 413 (.25 unit)	
ECE 430 Culture and Diversity in Early Childhood Education	3
FCS 312 (34) Child Development or	
PSYC 372 (34) Child Development	3
FCS 314 (35) The Child, The Family, and The Community	3
ART 430 Art and Children (3) or	
ECE 364 Fundamentals of Movement and Rhythm in Early Childhood Education (2) or	
ENGLT 370 Children and Literature (3) or	
MUSM 370 Music for Children (3)	2-3
<b>TOTAL UNITS REQUIRED</b>	<b>26-27</b>

Upon successful completion of the School-Age Specialist Certificate, and with appropriate documented experience, a student demonstrates knowledge, preparation and competencies to be a teacher of school-age children in a before and after school child care program. The certificate exceeds the minimum requirements for employment as a teacher in privately funded before and after school child learning programs as outlined in Title 22 Department of Social Services regulations for childcare licensing.

**CERTIFICATE**

**Early Childhood Education, Master Teacher**

REQUIRED PROGRAM .....	Units
Core Courses	
ECE 300 (1)	Introduction to Early Childhood Education.....3
ECE 320 (3)	Principles and Practices in ECE.....4
ECE 321 (4)	Advanced Principles and Practices in ECE.....4
ECE 330 (7A)	Infant Development (3) or
ECE 400 (8)	The Exceptional Child (3) or
ECE 404 (11)	Children with Special Needs (3) or
ECE 356 (9)	Programs for the School-Age Child (3).....3
ECE 410 (13)	Health and Safety in the Child Care Setting.....1
ECE 410 OR ECE 411 (.5 unit) and ECE 412 (.25 unit) and ECE 413 (.25 unit)	
ECE 424 (47)	Adult Supervision: Mentoring in a Collaborative Learning Setting .....2
ECE 430 (36)	Culture and Diversity in ECE.....3
FCS 312 (34)	Child Development or
PSYC 372 (34)	Child Development.....3
FCS 314 (35)	The Child, the Family and the Community .....3
TOTAL CORE UNITS REQUIRED.....	26
MASTER TEACHER SPECIALIZATION OPTIONS (see specialization list).....	6
GENERAL EDUCATION UNITS.....	16
TOTAL UNITS REQUIRED .....	48

**Master Teacher Specialization Options**

Select one (1) six-unit option below. Note: Courses may not double count for core and specialization.

Infant and Toddler Care .....7 units  
 ECE 330 (7A) Infant Development (3)  
 ECE 331 (7B) Education and Care of Infants (3)  
 ECE 334 (7L) Laboratory with Infants and Toddlers (1)

Art with Children .....6 units  
 ECE 361 Introducing Young Children to Visual Arts (3)  
 And a minimum of three (3) units from the following:  
 ART 430 (26) Art and Children (3)  
 ARTH 300 (ART 10) Introduction to Art (3)  
 ART 320 (14) Design Fundamentals (3)

Music with Children .....6 units  
 MUSM 370 (9) Music for Children (3)  
 And one of the following:  
 MUFHL 330 (9) World Music (3)  
 MUIVI 370 (42A) Beginning Guitar (2)

Children's Health, Safety and Nutrition.....6 units  
 A minimum of six (6) units from the following:  
 ECE 415 (14) or  
 NUTRI 320 (14) Children's Health, Safety & Nutrition (3)  
 and NUTRI 300 (10) (3)

Bilingual/Bicultural Development.....6 units  
 A minimum of three (3) units from the following:  
 ANTH 310 (2) Cultural Anthropology  
 BUS 330 (15) Managing Diversity in the Workplace  
 SOC 321 (5) Race, Ethnicity and Inequality in the U.S. (3)  
 COMM 325 (14) Intercultural Communication  
 And one of the following Foreign Language courses:  
 French, Spanish or American Sign Language (3)

Children with Exceptional Needs.....6 units  
 Choose one of the following:  
 ECE 400 (8) The Child with Exceptional Needs (3) or  
 ECE 404 (11) Children with Special Needs (3)  
 AND  
 ECE 498 (48) With field or practicum placement in a special needs classroom for young children (3)

To be eligible for the Child Development Permit (Master Teacher), students must complete 16 units in General Education categories which meet graduation requirements 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. See ECE Department for further information. Upon successful completion of the Master Teacher Certificate, a student demonstrates knowledge, preparation and competencies to be a lead or supervising teacher in early learning programs as well as serve as coordinator of curriculum and staff development. 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. Additionally, this certificate requires an additional 6 units of specialized study.

**CERTIFICATE**

**Early Childhood Education, Site Supervisor**

REQUIRED PROGRAM .....	Units
Core Courses	
ECE 300 (1)	Introduction to Early Childhood Education ..... 3
ECE 320 (3)	Principles and Practices in ECE .....4
ECE 321 (4)	Advanced Principles and Practices in ECE .....4
ECE 331	Education and Care of Infants in Group Settings .....3
ECE 410 (13)	Health and Safety in Child Care Setting .....1
ECE 410 OR ECE 411 (.5 unit) and ECE 412 (.25 unit) and ECE 413 (.25 unit)	
ECE 420 (5)	Administration of Child Development Centers .....3
ECE 422	Advanced Coordination and Supervision of Child Development Programs .....3
ECE 424	Adult Supervision: Mentoring in a Collaborative Learning Setting .....3
ECE 430	Culture and Diversity in Early Childhood Education ....1
FCS 312 (34)	Child Development or
PSYC 372 (34)	Child Development .....3
FCS 314 (35)	The Child, The Family, and The Community .....3
TOTAL UNITS REQUIRED .....	32

Upon successful completion of the Site Supervisor Certificate, 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. Certificate 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

**CERTIFICATE**

**Early Childhood Education Teacher**

REQUIRED PROGRAM .....	Units
Core Courses	
ECE 300 (1)	Introduction to Early Childhood Education.....3
ECE 320 (3)	Principles and Practices in ECE.....4
ECE 321 (4)	Advanced Principles and Practices in ECE.....4
ECE 331	Education and Care of Infants in Group Settings .....3
ECE 410 (13)	Health and Safety in the Child Care Setting.....1
ECE 410 OR ECE 411 (.5 unit) and ECE 412 (.25 unit) and ECE 413 (.25 unit)	
ECE 430 (36)	Culture and Diversity in ECE.....3
FCS 312 (34)	Child Development or
PSYC 372 (34)	Child Development.....3
FCS 314 (35)	The Child, the Family and the Community .....3
TOTAL CORE UNITS REQUIRED.....	24
GENERAL EDUCATION UNITS.....	16
TOTAL UNITS REQUIRED .....	40

To be eligible for the Child Development Permit (Teacher), students must complete 16 units in general education categories which meet graduation requirements 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. See ECE Department for further information. 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.

## Early Childhood Education (ECE)

### ECE 295 INDEPENDENT STUDIES IN EARLY CHILDHOOD EDUCATION 1-3 UNITS

Prerequisite: None  
Hours: 18 hours LEC ; 54 hours LAB

### ECE 299 EXPERIMENTAL OFFERING IN EARLY CHILDHOOD EDUCATION .5-4 UNITS

Prerequisite: None  
Hours: 18 hours LEC ; 54 hours LAB

### ECE 300 INTRODUCTION TO EARLY CHILDHOOD EDUCATION 3 UNITS

Prerequisite: None  
Course Transferable to CSU  
Hours: 54 hours LEC

This course will introduce students to the field of early childhood education, including an overview of the history of the field, current curriculum approaches, and programs serving children from infancy through the school-age years. It reviews the current status of education of young children, with a focus on integrated education. Students will learn and apply skills in observing young children, documenting the work of young children, and interpreting these documents in order to plan subsequent curriculum. Opportunities to observe in a variety of early childhood education settings will be included. This class will prepare students with background and skills they need before entry into the student teaching laboratory classes.

### ECE 302 COMPUTER SKILLS FOR EDUCATORS 3 UNITS

Prerequisite: None  
Advisory: BUSTEC 302.  
Course Transferable to CSU  
Hours: 54 hours LEC

This course is designed for educators of young children. The course will provide a comprehensive overview of the use of computer technology in the classroom in order to enhance the education advancement of the child and facilitate ease of instruction and administration for the teacher. The course will provide hands-on experience in the use of computer applications, educational software, and problem-solving skills. Not open to students who have received credit for CISC 303.

### ECE 304 FAMILY TO FAMILY: INTRODUCTION TO FAMILY CHILD CARE 1 UNIT

Prerequisite: None  
Course Transferable to CSU  
Hours: 18 hours LEC

This course is an orientation to Family Child Care including local regulations, health and safety, curriculum, behavior management, and business requirements of in-home child care services.

### ECE 320 PRINCIPLES AND PRACTICES IN EARLY CHILDHOOD EDUCATION 4 UNITS

Prerequisite: ECE 300; and either FCS 312 or PSYC 372. Grade of "C" or better required to meet prerequisite.  
Course Transferable to CSU  
Hours: 36 hours LEC ; 108 hours LAB

This course provides supervised experience working with children in an early childhood setting. Topics include principles of curriculum development, classroom design, and child guidance, with opportunity to apply these key teaching principles in practical situations. This course is approved as the required programs and curriculum core course specified in Title 22 of the Health and Safety Code of the Department of Social Services, Community Care Licensing Division and Title 5 Department of Education regulations. Before beginning lab assignments, students must show proof of TB clearance.

### ECE 321 ADVANCED PRINCIPLES AND PRACTICES IN EARLY CHILDHOOD EDUCATION 4 UNITS

Prerequisite: FCS 312 or PSYC 372; ECE 300, ECE 320. Grade of "C" or better required to meet prerequisite.  
Course Transferable to CSU  
Hours: 36 hours LEC ; 108 hours LAB

This advanced course provides supervised experience as a teacher in an early childhood education program and is aimed at leadership in the areas of developing environments for learning, child observation and assessment, documentation of children's work, behavior guidance, group management, collaborative teaching, building relationships with families, and effective preparation and implementation of curriculum. Before beginning lab assignments, students must show proof of TB clearance.

### ECE 330 INFANT DEVELOPMENT 3 UNITS

Prerequisite: None  
Course Transferable to CSU  
Hours: 54 hours LEC

This course covers infant development from conception through three years of age. Students will apply current research to the preparation for conception, birth, and raising children in the first three years of life. Students will learn strategies for caring for infants at each developmental stage. This course is for parents or professionals working with infants in health fields, education, or social services.

### ECE 331 EDUCATION AND CARE OF INFANTS IN GROUP SETTINGS 3 UNITS

Prerequisite: ECE 330.  
Course Transferable to CSU  
Hours: 54 hours LEC

This course applies current research in infant development to the teaching and care of infants in group settings. Early childhood education principles and practices are emphasized in the application of care and education of infants from birth to three years of age. Students will learn strategies for designing, implementing, and evaluating group care programs for infants and toddlers.

### ECE 334 LABORATORY WITH INFANTS AND TODDLERS 1 UNIT

Prerequisite: None  
Corequisite: ECE 331; may be taken previously. Grade of "C" or better required to meet corequisite.  
Course Transferable to CSU  
Hours: 54 hours LAB

This class provides experience working with infants and toddlers in a group care program. It is designed as a practicum/laboratory for those who have completed or are enrolled in ECE 331. This course requires participation in a designated, supervised infant-toddler care setting for three hours per week with infants and/or toddlers. A current, yearly TB test is required prior to starting lab hours.

### ECE 350 INTRODUCTION TO ELEMENTARY TEACHING WITH FIELD EXPERIENCE 3 UNITS

Prerequisite: None  
Advisory: FCS 312 or PSYC 372.  
Course Transferable to CSU  
Hours: 36 hours LEC ; 54 hours LAB

This course is a career exploration course with an early field experience for those students considering the field of K-8 teaching. It includes a supervised field placement and four hours weekly in a local elementary school in addition to weekly class meetings on campus. It will also fulfill one of the early field experiences for the CSUS blended liberal studies major. Course content includes the profession and culture of teaching, observation skills, communication skills, diversity and social issues among others. Students' field experiences will integrate and apply the course content. Students will also complete a service learning project at participating schools.

### ECE 356 PROGRAMS FOR THE SCHOOL-AGE CHILD 3 UNITS

Prerequisite: FCS 312 or PSYC 372. Grade of "C" or better required to meet prerequisite.  
Course Transferable to CSU  
Hours: 54 hours LEC

This program will present the fundamentals of planning, implementing and evaluating programs for before- and after-school care of school-age children (K-6). Course emphasis is on developmental levels, age-appropriate activities and day-to-day program operation. Field trip may be utilized to enhance classroom instruction.

### ECE 361 INTRODUCING YOUNG CHILDREN TO VISUAL ARTS 3 UNITS

Prerequisite: None  
Course Transferable to CSU  
Hours: 54 hours LEC

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 each medium and learning 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. The course includes observations and field trips. Lab fee is required.

### ECE 364 FUNDAMENTALS OF MOVEMENT AND RHYTHM IN EARLY CHILDHOOD EDUCATION 2 UNITS

Prerequisite: None  
Course Transferable to CSU  
Hours: 18 hours LEC ; 54 hours LAB

This course is designed for early childhood, elementary education, and recreation majors. Recommended for physical education majors. Early childhood education, elementary and lead-up games for individuals and team sports, stunts, tumbling, and elementary and culturally diverse rhythms and dances will be practiced. Not open to students who have received credit for PET 306.

**ECE 400 THE CHILD WITH EXCEPTIONAL NEEDS 3 UNITS**

Prerequisite: FCS 312 or PSYC 372. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

This course will present the characteristics of exceptional children; assessment techniques and curriculum design; community resources and current issues; observation in public and private school classrooms and agencies. Field trips will be used to support classroom instruction.

**ECE 402 INFANTS WITH ATYPICAL DEVELOPMENT 3 UNITS**

Prerequisite: FCS 312 or PSYC 372 and ECE 330. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

This course will examine the developmental characteristics, assessment techniques, methods of intervention, natural environments, community and family resources, and current issues of the atypical infant from birth through age three. Students will understand and practice the early intervention techniques the very young children with special needs and disabilities require in the developmental areas of sensory stimulation and integration, gross and fine motor control, cognitive, language, social and self-help skills. The course will explore the community services and agencies that offer family support as well as the laws related to the atypical infant/toddler. Career and vocational opportunities in the fields related to special needs infant/toddlers and the various roles of the multi-disciplinary teams that develop the IFSP will be examined.

**ECE 404 CHILDREN WITH SPECIAL NEEDS 3 UNITS**

Prerequisite: FCS 312 or PSYC 372. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to provide 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 and disabilities. The focus is to increase the awareness and understanding of children's individual needs in and 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 are required.

**ECE 410 HEALTH AND SAFETY IN CHILD CARE SETTINGS 1 UNIT**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC

This course covers health and safety issues in child care centers and family day care homes. It includes pediatric cardiopulmonary resuscitation, pediatric first aid, and preventative health practices. To receive American Red Cross certification, students must successfully demonstrate competency as well as pay additional fees for American Red Cross texts and certification cards. This course fulfills California Department of Social Services Health and Safety Title 22 requirements for staff and may be taken four times for credit.

**ECE 411 HEALTH AND SAFETY IN CHILD CARE SETTINGS .5 UNIT**

Prerequisite: None

Course Transferable to CSU

Hours: 8 hours LEC

This course covers health and safety issues in center and home-based early care education programs. Course content includes injury prevention and preventative health care practices such as control of infectious diseases, nutrition issues, sanitation, emergency preparedness and evacuation. This course taken along with ECE 412 and ECE 413 meets the California Department of Social Services Health and Safety Title 22 requirements for staff.

**ECE 412 PEDIATRIC CPR .25 UNIT**

Prerequisite: None

Course Transferable to CSU

Hours: 6 hours LEC

This course covers pediatric cardiopulmonary resuscitation (CPR). Successful students earn certification which must be renewed every year to remain current. To receive American Red Cross certification, students must successfully demonstrate competency as well as pay additional fees for American Red Cross texts and certification card. This course fulfills the CPR component of California Department of Social Services Health and Safety Title 22 requirements for staff and may be taken four times for credit.

**ECE 413 PEDIATRIC FIRST AID IN CHILD CARE SETTINGS .25 UNIT**

Prerequisite: None

Advisory: ENGRD 112; ENGRD 112 with a grade of "C" or better; OR placement through assessment process.

Course Transferable to CSU

Hours: 4 hours LEC

This course covers pediatric first aid in center and home-based early care and education programs. Successful students earn Pediatric First Aid certification which must be renewed every two years to remain current. To receive American Red Cross certification, students must successfully demonstrate competency as well as pay additional fees for American Red Cross texts and certification card. The course fulfills the pediatric first aid component of California Department of Social Services Health and Safety Title 22 requirements for staff and may be taken four times for credit.

**ECE 415 CHILDREN'S HEALTH, SAFETY AND NUTRITION 3 UNITS**

Prerequisite: None

Advisory: NUTRI 300.

Course Transferable to CSU

Hours: 54 hours LEC

Basic nutritional, health and safety needs of children from the prenatal period through school age. Identification of nutrients in food as they affect physical and mental development. Emphasis on improving the nutritional status of children. Preparations of visual aids and projects relating to children's nutrition, health and safety. Not open to students who have received credit for NUTRI 320.

**ECE 420 ADMINISTRATION OF CHILD DEVELOPMENT CENTERS 3 UNITS**

Prerequisite: ECE 300; FCS 312 or PSYC 372. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

This is an introductory course in the elements of program planning, budgeting, supervision and personnel administration for public and private centers and schools serving children and families. This course satisfies the administration requirement of the California Title 22 Health and Safety Code, and satisfies three of the six units of the administration requirement of the Title 5 Education code and the California Commission for Teacher Credentialing.

**ECE 422 ADVANCED COORDINATION AND SUPERVISION OF CHILD DEVELOPMENT PROGRAMS 3 UNITS**

Prerequisite: FCS 312 or PSYC 372; ECE 320 and ECE 420. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

This is an advanced course in administration and coordination of multi-faceted Child Development Programs. The emphasis of the course will be on publicly funded programs and personnel management. This course meets the requirements of the Education Code under Title 5, and the Commission of Teacher Credentialing.

**ECE 424 ADULT SUPERVISION: MENTORING IN A COLLABORATIVE LEARNING SETTING 2 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 36 hours LEC

This course is a study of the methods and principles of collaborative learning, with emphasis on supervising adults working in child care centers. Emphasis is placed on the role of a mentor who functions to guide the teaching team while simultaneously addressing the needs of children, parents and their staff. This course satisfies the adult supervision requirement for receiving a supervising teacher permit from the California Commission on Teacher Credentialing.

**ECE 430 CULTURE AND DIVERSITY IN EARLY CHILDHOOD EDUCATION 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course covers culturally responsive care and education in early childhood settings. It includes the study of socio-cultural issues as they vary across the diverse cultures represented in the classroom and as they impact a child's development. Promoting equity for all aspects of human diversity (culture, race, ethnicity, gender, sexual orientation, ability, and age) is explored. Inclusive teaching strategies that prevent and eliminate the development of prejudice and racism in growing children will be covered.

**ECE 494 TOPICS IN EARLY CHILDHOOD EDUCATION .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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****1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**ECE 498 WORK EXPERIENCE IN EARLY CHILDHOOD EDUCATION 1-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Note: Before beginning lab assignments with children, students must show proof of TB clearance.

**ECE 499 EXPERIMENTAL OFFERING IN EARLY CHILDHOOD EDUCATION****.5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Economics

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

This Folsom Lake College program 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.

## Career Options

Accountant; Arbitrator; Attorney; Budget Analyst; Business Analyst; Business Conditions; Forecaster; Commodity Economist; Commodity Price Forecaster; Development Economist; Economic Analyst; Economic Forecaster; Industrial Relations Specialist; Investment Analyst; Labor Economist; Macro Economist; Manpower Economist; Natural Resource Economist; Operations Research Analyst; Project Economist; Research Economist

*Most career options require more than two years of study.*

## Highlights

Knowledgeable instructors and professionals in their fields

Good general overview and conceptual framework of economic issues

Opportunity to combine with business and other related areas of study for a more comprehensive education

Transfer opportunities

A lab with tutorial assistance

## ECON 495 INDEPENDENT STUDIES IN ECONOMICS 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## ECON 499 EXPERIMENTAL OFFERING IN ECONOMICS .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## Economics (ECON)

### ECON 302 PRINCIPLES OF MACROECONOMICS 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a graphical and functional analysis of the economy as a whole. The focus is on the economy's well-being, problems, and solutions. Major topics include basic principles of economics; basic economic analysis; demand, supply, and equilibrium in a market; macroeconomic sectors, goals, and problems (unemployment, inflation, business cycle, and government budget deficit); the economy's output, income, and price level; aggregate demand, aggregate supply, and equilibrium; and macroeconomic policies (fiscal and monetary). Time permitting, related topics such as international trade, international finance, and economic growth may also be discussed. Course work includes doing arithmetic problems, solving algebraic equations, and graphing straight and curvilinear lines.

### ECON 304 PRINCIPLES OF MICROECONOMICS 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a graphical and functional analysis of the units (sectors) making up the economy. The focus is on the sectors' choices and interactions, microeconomic goals (efficiency and equity), problems, and solutions. Major topics include basic principles of economics; basic economic analyses; demand, supply, and equilibrium in a market; markets and applications; costs and production; product and resources markets; and microeconomic problems (externalities, public goods, and income inequality). Time permitting, related topics such as international trade and health economics may also be discussed. Course work includes doing arithmetic problems, solving algebraic equations, and graphing straight and curvilinear lines.

### ECON 320 CONCEPTS IN PERSONAL FINANCE 3 UNITS

Prerequisite: None

Advisory: BUS 105.

Course Transferable to CSU

Hours: 54 hours LEC

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. The course provides a solid base for a career in financial planning services. Not open to students who have completed BUS 320.

# Education/Teaching

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREE** A.A. — 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.

**Career Options**

Teacher, primary grades; teacher, intermediate grades; Instructional Assistant

Classes beyond the associate degree may be required to fulfill some career options or for preparation for transfer to a university program.

**Highlights**

This major is especially designed for students who plan to transfer into California State University, Sacramento's Blended Teacher Preparation Program. This program provides all of the lower division courses necessary to gain admission to the university and the teacher credential blended program.

**Other CSUS Requirements:**

Foreign Language: Students must complete the 2nd semester elementary level. For other exemptions, see coordinator or a counselor.

Grade point average must be 2.67 in transferable baccalaureate courses.

The Writing Proficiency Exam (WPE) should be taken at CSUS shortly after completing Critical Thinking (ENGWR 302).

The Intermediate Algebra Diagnostic exam should be taken shortly after completing Intermediate Algebra (MATH 125).

It is recommended that the CBEST be taken anytime after taking ENGWR 300 (Engl 1A), ENGWR 302 (Engl 1C), and MATH 310 (2).

Students should accumulate a portfolio of their course work, obtain a letter of recommendation from their field experience cooperating teacher, and check with their counselor for other CSUS application and admission requirements.

**Other Associate in Arts degree requirements:**

Physical Education - any activity course

Complete 60 Units

Students must meet the Reading Competency requirement through either assessment, a class, or a college-level reading examination.

**NOTE: Please check with a counselor first, before beginning this program, as requirements are subject to change.**

**DEGREE**

**A.A. — Liberal Studies for Elementary Education**

REQUIRED PROGRAM .....	Units
ENGWR 300 (Engl 1A) College Composition.....	3
COMM 361 (9) The Communication Experience .....	3
ENGED 305 (ENGL 2) Structure of English .....	3
ENGWR 302 (ENGL 1C) Adv Composition & Critical Thinking .....	3
MATH 310 (2) Mathematical Discovery.....	3
ART 430 Art and Children .....	3
BIOL 307 (13) Biology of Organisms.....	4
GEOL 305 (8) Earth Science.....	3
GEOL 306 (8L) Earth Science Laboratory .....	1
HIST 312 (17) History of U.S. to 1865.....	3
ECON 302 (1A) Principles of Macroeconomics .....	3
POLS 301 (1) Intro to Govt: United States.....	3
HIST 307 (11) History of World Civ from 1500.....	3
HIST 308 (12) History of World Civ 1500 to present.....	3
FCS 312 /PSYC 372 Child Development (3)	
or	
FCS 324 Human Development: A Life Span .....	3
ENGED 320 (ENGL 10) Tutoring Elem Children in Reading.....	3
ECE 350 (10) Intro to Elem Teaching with Field Exper.....	3
SOC 321 (5) Race, Ethnicity & Inequality in the U.S. ....	3
or	
COMM 325 (14) Intercultural Communication (3)	
TOTAL UNITS REQUIRED .....	53

This A.A. degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

# Emergency Medical Technology

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

EMT(1)s are the backbone of the Emergency Medical Services (EMS) system throughout the nation, helping to reduce injury severity and death at the scene of an accident or sudden illness and during transportation to a medical facility.

Folsom Lake College's Emergency Medical Technology 100 course is designed to provide the student with the skills and knowledge to apply for certification as an Emergency Medical Technician(1) and is approved by the Sacramento County Health Department, Division of Emergency Medical Services, the certifying agency for Sacramento County. This certification is mandatory for all personnel who wish to pursue a career working on an ambulance. EMT(1) certification is also a pre-employment requirement for many fire departments. Together with varying levels of actual on-the-job experience, it is often required for admission to Paramedic training programs throughout the state.

FLC's EMT students will gain actual experience by spending eight hours off-campus in operating ambulance units and an additional eight hours in a hospital emergency department.

#### Career Options

EMT(1); Fire Service

#### (With additional training):

Ambulance Technician; Firefighter; Rescue Worker; Paramedic; Emergency Medical Dispatcher

#### Highlights

Hands-on experience provided in administering proper emergency medical care

Preparation for the EMT(1) Certificate

Recertification

Hospital Emergency Room observation time and opportunities to "ride along" in ambulances

#### EMT 102 EMERGENCY MEDICAL TECHNICIAN - BASIC REFRESHER 1 UNIT

Prerequisite: EMT 100 or current/prior certification as an EMT-1. Grade of "C" or better required to meet prerequisite

Hours: 24 hours LEC ; 4 hours LAB

This course updates the techniques and current knowledge of persons employed in providing emergency care service. The course is in compliance with Title 22, Division 9, Chapter 2, of the California Code of Regulations. Students receiving an 80% grade or higher receive a course completion certificate. This course may be taken four times for credit.

#### EMT 299 EXPERIMENTAL OFFERING IN EMERGENCY MEDICAL TECHNOLOGY .5-4 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

## Emergency Medical Technology (EMT)

#### EMT 100 EMERGENCY MEDICAL TECHNICIAN - BASIC 5 UNITS

Prerequisite: None

Hours: 72 hours LEC ; 72 hours LAB

HEED 314 (or HEED 312 and 313) and HEED 320, or equivalent certification in Community CPR, First Aid, and CPR for the Professional Rescuer. Grade of "C" or better is required to meet prerequisite.\* This course instructs students to the level of Emergency Medical Technician-Basic. The EMT-Basic serves as a vital link in the health care team providing emergency pre-hospital care for basic life support with ambulance service, fire service, or other specialized services. Students spend ten hours off-campus in a hospital emergency room and/or in an operational ambulance. The course is in compliance with Title 22, Division 9, Chapter 2, of the California Code of Regulations. Students with an 80% grade or higher receive a course completion certificate, and are eligible to apply for the exam administered by the County of Sacramento for certification as an Emergency Medical Technician I.

# Engineering

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Folsom Lake College's program 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.

#### Career Options

Aerospace Engineer; Architectural Engineer; Chemical Engineer; Civil Engineer; Computer Engineer; Electrical Engineer; Mechanical Engineer

Most career options require a B.S. degree.

#### Highlights

Challenging and rewarding classes that transfer to four-year universities

## Engineering (ENGR)

### ENGR 300 INTRODUCTION TO ENGINEERING 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 18 hours LEC

This course will provide students with information to evaluate the engineering profession as a personal career choice. Students will explore the branches of engineering and the different types of work that engineers do. Participants will investigate personal characteristics which contribute to being happy and successful engineers, and will examine their own traits. They will learn what preparation is needed and strategies for successful completion. Course participants will appreciate the role of engineers in society and understand the responsibilities of engineers in their service to society.

### ENGR 303 INTRODUCTION TO LOGIC DESIGN 4 UNITS

Prerequisite: None

Advisory: Any previous or concurrent programming class. MATH 120.

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

This is an introductory course in the fundamentals of designing digital computer hardware. This course covers: logic gates, binary number systems, 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. Lab emphasizes the use of a software equation entry tool, the use of schematic entry, and the use of a logic simulation tool. Lab assignments are design oriented. Required for Electrical/Electronics Engineering and Computer Engineering majors. Helpful for Computer Science majors. Recommended for students wishing to sample computer engineering, and for current and future electronics technicians.

### ENGR 312 ENGINEERING GRAPHICS 3 UNITS

Prerequisite: None

Advisory: Completion of MATH 112 or high school geometry, and MATH 120.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 72 hours LAB

Students will learn the graphical tools needed to develop and communicate engineering ideas. They will present three dimensional objects in drawings (basic drafting principles) and solve engineering problems by constructing views of objects from different points of view (descriptive geometry). Participants will create drawings using both pencil and paper and will practice applying it. This course is primarily for Mechanical and Civil Engineering majors. (CAN ENGR 2)

### ENGR 400 INTRODUCTION TO ELECTRICAL CIRCUITS AND DEVICES 3 UNITS

Prerequisite: PHYS 421. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

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. (CAN ENGR 6)

### ENGR 420 STATICS 3 UNITS

Prerequisite: PHYS 411 and MATH 401. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This is the first course in engineering mechanics. Topics in this course include two and three dimensional force system analysis using vector techniques, moments and couples in two and three dimensions, centroids and moment of inertia, friction, forces in beams, and truss analysis. This course is required for mechanical, civil, aeronautical engineering transfer students and by some electrical engineering programs.

### ENGR 495 INDEPENDENT STUDIES IN ENGINEERING 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### ENGR 499 EXPERIMENTAL OFFERING IN ENGINEERING .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# English

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREE** A.A. — English

The Folsom Lake College English department offers broad study of the fields of written and spoken language. This study teaches skills that are essential to every other discipline. In particular, the ability to read effectively and write expressively will prove invaluable to any student.

**Career Options**

Advertising; Business; Columnist/Journalist; Editor/Evaluator; Lawyer; Legislative Assistant; Librarian; Manager; Methods Analyst; Novelist; Public Relations; Publisher; Researcher; Screenwriter; Speechwriter; Teacher; Technical Writer; Writing Consultant

*Some career options may require more than two years of college study.*

**Highlights**

- A variety of exciting literature courses
- Composition courses for all professions and ability levels
- Creative writing classes
- Writing for publication
- Exemplary faculty: creative, dedicated and innovative

**DEGREE**  
**A.A.—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.

REQUIRED PROGRAM .....	Units
Core Requirements—eighteen (18) units:	
ENGWR 300 (ENGL 1A) College Composition .....	3
ENGWR 301 (ENGL 1B) College Composition & Literature .....	3
ENGWR 302 (ENGL 1C) Adv Comp & Critical Thinking .....	3
ENGLT 320 (ENGL 30) American Literature .....	3
ENGLT 321 (ENGL 31) American Literature .....	3
ENGLT 310 (ENGL 35) English Literature .....	3
ENGLT 311 (ENGL 36) English Literature.....	3
Electives - Six (6) units selected from the following:.....	6
ENGED 305 (ENGL 2) Structure of English (3)	
ENGED 320 (ENGL 10) Tutor Elem Students in Reading (3)	
ENGCW 400 (ENGL 15) Creative Writing (3)	
ENGCW 410 (ENGL 15A) Fiction Writing Workshop (3)	
ENGCW 420 (ENGL 15B) Poetry Writing Workshop (3)	
ENGCW 430 (ENGL 15C) Creative Non-Fiction Writing Workshop (3)	
ENGCW 452 (ENGL 17C) College Literary Magazine (4)	
ENGLT 345 (ENGL 26) Mythologies of the World (3)	
ENGLT 360 (ENGL 27) Women in Literature (3)	
ENGLT 370 (ENGL 39) Children and Literature (3)	
ENGLT 303 (ENGL 42) Introduction to the Short Story (3)	
ENGLT 402 (ENGL 47A) Intro to Shakespeare and Film (3)	
TOTAL UNITS REQUIRED .....	24

Associate in Arts Degree: This A.A. degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

## English - Creative Writing (ENGCW)

**ENGCW 400 CREATIVE WRITING 3 UNITS**

Prerequisite: Eligibility for ENGWR 300. Grade of "C" or better required to meet prerequisite.  
Course Transferable to UC/CSU  
Hours: 54 hours LEC

This course is designed to guide students in creative writing through experience in three genres: short story, poetry, and plays. The course includes analysis of literary models (professional writings in each genre), individual and class criticism of work in a workshop mode, and lecture on and discussion of literary techniques in each genre. This course may be taken two times for credit or once in combination with ENGCW 410 and/or 420.

**ENGCW 410 FICTION WRITING WORKSHOP 3 UNITS**

Prerequisite: Eligibility for ENGWR 300. Grade of "C" or better required to meet prerequisite.  
Course Transferable to UC/CSU  
Hours: 54 hours LEC

This is a creative writing course designed for students who wish to concentrate on fiction writing. Through lecture, discussion, assigned reading, writing exercises, short story (or novel chapter) writing, and critiques of student writing in a workshop mode, the student will examine critically the elements of literary creation. The students will keep a journal and prepare a portfolio of their work. This course may be taken twice for credit, but only once in combination with ENGCW 400.

**ENGCW 420 POETRY WRITING WORKSHOP 3 UNITS**

Prerequisite: Eligibility for ENGWR 300. Grade of "C" or better required to meet prerequisite.  
Course Transferable to UC/CSU  
Hours: 54 hours LEC

This is a creative writing course for students who wish to concentrate on poetry writing. Through lecture, discussion, assigned reading, writing exercises, poetry writing, and critiques of student writing in a workshop mode, the students will examine critically the elements of literary creation. The students will keep a journal and prepare a portfolio of their work. This course may be taken twice for credit, but only once in combination with ENGCW 400.

**ENGCW 430 CREATIVE NON-FICTION WRITING WORKSHOP 3 UNITS**

Prerequisite: Eligibility for ENGWR 300. Grade of "C" or better required to meet prerequisite .  
Course Transferable to UC/CSU  
Hours: 54 hours LEC

This is a creative writing course concentrating on the literary essay. The class focuses on constructive in-class analysis of personal essays written by students. Students will write and critically examine essays such as the memoir, autobiography, reflective, and philosophical that have a literary, stylistic component. The class will also emphasize multi-cultural, multi-generational, mythological, and ecological topics. Students will prepare a portfolio of completed work. This course may be taken twice for credit, but only once in combination with ENGCW 400.

**ENGCW 452 COLLEGE LITERARY MAGAZINE 4 UNITS**

Prerequisite: None  
Advisory: Eligibility for ENGWR 300. Grade of "C" or better required to meet prerequisite.  
Course Transferable to CSU  
Hours: 54 hours LEC ; 54 hours LAB

This course provides instruction in techniques and experience in writing, editing, and structuring the college literary magazine. Students will write, select, and edit manuscripts in the genres of poetry, short fiction, and creative non-fiction. They will also assist in converting accepted manuscripts onto computer disks and in promoting the college literary magazine through various fundraising and advertising activities. Access is provided to computers, laser printer, and other production equipment. A campus literary reading will be presented. May be taken two times for credit.

**ENGCW 495 INDEPENDENT STUDIES IN ENGLISH - CREATIVE WRITING 1-3 UNITS**

Prerequisite: None  
Course Transferable to CSU  
Hours: 18 hours LEC ; 54 hours LAB

**ENGCW 499 EXPERIMENTAL OFFERING IN ENGLISH - CREATIVE WRITING .5-4 UNITS**

Prerequisite: None  
Course Transferable to CSU  
Hours: 18 hours LEC ; 54 hours LAB

## English - Education (ENGED)

### ENGED 305 STRUCTURE OF ENGLISH 3 UNITS

Prerequisite: ENGWR 300. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

Designed for prospective teachers or those entering professions requiring strong written language skills, this course affords students the opportunity to study the history of English, traditional and transformational grammars, linguistics, standard usage, phonology, and orthography. Students will examine the development and structure of the English language, language acquisition, and the cultural and linguistic diversity represented by the students in the California public school system. They will also apply grammatical concepts as they meet the 2,000 word writing requirement.

### ENGED 320 SERVICE LEARNING: TUTORING ELEMENTARY STUDENTS IN READING 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This class offers students an opportunity to learn and practice basic methods of tutoring elementary children in reading. Students will meet on campus for the first part of the semester to be trained, and then will be assigned to a nearby elementary school where they will have in-depth practice tutoring elementary children who are reading below grade level. This course, which may be offered in conjunction with a non-profit organization such as SMART Kids, is one of the two required field experience courses for the CSUS Blended Teacher Preparation Program and may be taken two times for credit. Prior to beginning work in the schools, students may be required to be fingerprinted and pass a TB test.

### ENGED 495 INDEPENDENT STUDIES IN ENGLISH - EDUCATION 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### ENGED 499 EXPERIMENTAL OFFERING IN ENGLISH - EDUCATION .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## English - Laboratory (ENGLB)

### ENGLB 70 READING AND WRITING LABORATORY .5-1 UNITS

Prerequisite: None

Advisory: For students whose second language is English, completion of or concurrent enrollment in ESLW 310/ESLR 310 or above, or placement in an English course through the assessment process.

Hours: 54 hours LAB

This laboratory course provides assistance in reading and writing skills to students in all subject areas. Students may enter the course at any time during the first 12 weeks of the semester and earn either .5 or 1 unit. Students may repeat the course earning a maximum of six units. This course is graded on a credit/no credit basis. ENGLB 70 is recommended for students who are encountering difficulties in reading, writing, spelling, sentence structure, paragraph or essay structure, and who would benefit from individual tutor/instructor assistance.

## English - Literature (ENGLT)

### ENGLT 303 INTRODUCTION TO THE SHORT STORY 3 UNITS

Prerequisite: Eligibility for ENGWR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Students will read, analyze, and discuss short stories by a wide variety of writers. Reading will emphasize American and British writers but will include authors from other countries as well. Thematic emphasis will focus on the connections between literature and the human condition.

### ENGLT 309 BOOK LENGTH LITERATURE FOR GROUP DISCUSSION 1 UNIT

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC

Designed to introduce students to book length literature, this course will allow students to read, analyze, and discuss both fiction and non-fiction works by a wide variety of authors. Using a seminar style, the class will meet approximately six times to explore the books. The instructor will select the first book; together, as a class, students will choose the remaining works for reading and discussion from an instructor approved list. This course may be taken two times for credit.

### ENGLT 310 ENGLISH LITERATURE 3 UNITS

Prerequisite: Eligibility for ENGWR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Study of significant works of major English authors from Beowulf through Samuel Johnson, with consideration of the most important aspects of English literary history.

### ENGLT 311 ENGLISH LITERATURE 3 UNITS

Prerequisite: Eligibility for ENGWR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Survey of significant works of major English authors from the beginning of Romanticism in the Eighteenth Century to the poetry of Dylan Thomas in the Twentieth Century, with consideration of the important aspects of English literary history.

### ENGLT 320 AMERICAN LITERATURE 3 UNITS

Prerequisite: Eligibility for ENGWR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Survey of the more representative works in American literature from the beginning through the Civil War.

### ENGLT 321 AMERICAN LITERATURE 3 UNITS

Prerequisite: Eligibility for ENGWR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Students will survey the representative works in American Literature after the Civil War.

### ENGLT 339 POSTMODERN AMERICAN FICTION 3 UNITS

Prerequisite: ENGWR 300 (College Composition) with a grade of "C" or better; or placement through the assessment process.

Course Transferable to CSU; UC pending

Hours: 54 hours LEC

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 3 UNITS

Prerequisite: Eligibility for ENGWR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course will acquaint students with a diverse range of literature from the Ancient World through the Renaissance. Students will identify the commonalities and differences in the myths, epic poetry, philosophy, sacred texts, lyric poetry, prose, and drama of early Middle Eastern, Asian, African, South American, European, and North American literatures. Moreover, students will analyze issues of ethnicity, ethnocentrism, racism, ageism, classism, gender inequity, and religious difference in this literature as a means of developing a common foundation for cultural awareness and tolerance. From this process, students will develop an appreciation for world literature and an understanding of how ethnocentrism, ethnicity, sexism, and racism have affected our institutions, attitudes, and thoughts.

### ENGLT 341 WORLD LITERATURE 3 UNITS

Prerequisite: Eligibility for ENGWR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Survey of significant masterpieces of Eighteenth, Nineteenth, and Twentieth Century literature.

**ENGLT 345 MYTHOLOGIES OF THE WORLD 3 UNITS**

Prerequisite: Eligibility for ENGR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

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 analyze, contrast, and compare myths on topics including the goddess culture, creation, the hero's journey, Judaeo-Christian themes, the dying god, and 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 360 WOMEN IN LITERATURE 3 UNITS**

Prerequisite: Eligibility for ENGR 300 with grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is designed for women and men who are interested in examining the roles women have occupied in literature, both as writers and as protagonists. Emphasis will be placed on literature that develops protagonists and explores literary themes that focus on women's experiences in childhood, adolescence, marriage, childbirth and child rearing, death, love, dependence, independence, and their own creativity. Female authors and protagonists from Western, Eastern, and Third World countries will be included. Male authors may also be included. Over the course of the semester, students will examine issues of ethnicity, ethnocentrism, racism, ageism, classism, gender inequity, and religious differences that are raised in the literature under discussion. In order to develop a sense of cultural tolerance to such issues, the literature will include a variety of genres, such as short stories, novels, plays, and poetry, the emphasis to be determined by the instructor.

**ENGLT 370 CHILDREN AND LITERATURE 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed primarily for parents, prospective teachers, nursery school workers and those in frequent contact with children and/or interested in literature written for children. Topics include wide reading of historical and contemporary children's literature, criteria for selection, and practice in storytelling and oral reading.

**ENGLT 381 SHAKESPEARE: FROM THE PAGE TO THE STAGE 1.5 UNITS**

Prerequisite: None

Advisory: ENGR 300.

Course Transferable to CSU

Hours: 27 hours LEC

Students read and analyze two Shakespeare plays and then see those plays in repertory production at a Shakespeare festival. Class meets for four general class sessions over one month, and then travels to the multi-day festival to view the plays in production. Follow-up activities include backstage discussions with the directors and actors, and post-play discussions and class meetings. Information about ticket purchase, transportation and lodging will be available at the first class meeting.

**ENGLT 402 INTRODUCTION TO SHAKESPEARE AND FILM 3 UNITS**

Prerequisite: Eligibility for ENGR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

In this course, students will draw connections between traditional and contemporary literary genres as they read William Shakespeare's plays and critically analyze film versions of these plays. Students will read and analyze a selection of Shakespeare's histories, comedies, tragedies, and romances in the context of Elizabethan drama. Then they will view a variety of cinematic interpretations of these plays and compare and contrast such elements as plot, character, theme, staging, and critical and directorial interpretation.

**ENGLT 495 INDEPENDENT STUDIES IN ENGLISH - LITERATURE 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**ENGLT 499 EXPERIMENTAL OFFERING IN ENGLISH - LITERATURE .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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**English - Reading (ENGRD)****ENGRD 13 READING CENTER: BASIC READING SKILLS .5-3 UNITS**

Prerequisite: None

Hours: 54 hours LAB

Individualized instruction modules at all skill levels designed to help the student acquire or improve reading skills in specific areas. Course offerings vary, depending upon the student's needs and abilities. A partial list includes the following: comprehension (all levels), vocabulary development (all levels), speed reading, critical reading, textbook reading, study skills, spelling improvement, tutor training. Credit/no credit. Reading modules may not be repeated for credit and are not substitutes for ENGRD 14, 15, 16, 112, or for any of the ESL courses. Students may register up to the 12th week of the semester. Scheduling is flexible and may be agreed upon by the student and staff. A maximum of six units may be earned.

**ENGRD 14 READING SKILLS 3 UNITS**

Prerequisite: None

Advisory: Concurrent enrollment in ENGR 45, ENGR 44, and ENGLB 70.

Hours: 54 hours LEC

This reading course is designed to help students master the foundations of reading skill: word attack, vocabulary, development and basic comprehension. This course may be taken two times for credit with the recommendation of the instructor. Students are strongly encouraged to enroll in ENGLB 70 for access to individualized help in the Reading and Writing Center.

## INDIVIDUALIZED ENGLISH INSTRUCTION AT THE FOLSOM CAMPUS AND EL DORADO CENTER

You can improve your English skills in a comfortable, supportive environment. The Reading and Writing Center at the Folsom campus (FLC) and the English Center at the El Dorado Center (EDC) in Placerville offer innovative and quality instruction for all reading and writing levels, from basic through advanced. Individualized instruction and self-paced programs in spelling, vocabulary, reading, and sentence structure are available at one or both of the Centers; all classes are graded Credit/No Credit. You earn class credit by completing a specified number of lecture or laboratory hours.

TO TAKE AN INDIVIDUALIZED CLASS:

1. Sign up for the classes you want using the course codes for the specific location.
2. Go to the FLC Reading and Writing Center or the EDC English Center during their regularly scheduled semester hours, and see an English professor or instructional assistant for more information about getting started with your individualized instruction.

THE **FLC** READING, WRITING, AND MATH CENTER  
Call Debora Larry Kearney at 916-608-6517

THE **EDC** ENGLISH CENTER  
Call Kathy Leland at 530-642-5686

**ENGRD 15 BASIC READING SKILLS 3 UNITS**

Prerequisite: ENGRD 14 or equivalent skills demonstrated through the assessment process. Grade of "C" or better required to meet prerequisite.

Advisory: Concurrent enrollment in ENGLB 70.

Hours: 54 hours LEC

This reading course is designed to help students master basic, pre-collegiate reading skills by developing vocabulary, literal and inferential comprehension, textbook reading techniques, and study skills and by reading for pleasure. Students may become more efficient readers by learning to vary rate and comprehension depending upon purpose for reading. This course may be taken two times for credit with the recommendation of the instructor. Students are encouraged to enroll in ENGLB 70 for access to individualized help in the Reading and Writing Center.

**ENGRD 16 EFFICIENT READING 3 UNITS**

Prerequisite: ENGRD 15 or equivalent skills demonstrated through the assessment process. Grade of "C" or better required to meet prerequisite.

Advisory: Concurrent enrollment in ENGWR 51 and ENGLB 70.

Hours: 54 hours LEC

This reading course is designed to help students prepare for college level reading by refining vocabulary, literal and inferential comprehension skills, textbook reading techniques, and study skills and by reading for pleasure. Efficiency is gained by learning to vary rate and comprehension depending upon purposes for reading. This course may be taken two times for credit with the recommendation of the instructor. Students are encouraged to enroll in ENGLB 70 for access to individualized help in the Reading and Writing Center.

**ENGRD 112 CRITICAL READING 3 UNITS**

Prerequisite: ENGRD 16, or ESLR 320, or equivalent skills demonstrated through the assessment process. Grade of "C" or better required to meet prerequisite.

Advisory: ENGWR 51 or ESLW 320, and ENGLB 70.

Hours: 54 hours LEC

This course covers theory and practice of reading skills needed for proficient academic performances with emphasis on the following: 1) critical and analytical evaluation of printed material, 2) vocabulary development, 3) proficient comprehension skills, 4) development of flexible reading rate, 5) application in textbook, fiction, and nonfiction reading. It may be taken two times for credit with the recommendation of instructor. This course meets the Reading Competency requirement for the A.A. and A.S. degrees.

**ENGRD 299 EXPERIMENTAL OFFERING IN ENGLISH - READING .5-4 UNITS**

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

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**English - Writing (ENGWR)****ENGWR 41 WRITING SKILLS 4 UNITS**

Prerequisite: None

Hours: 72 hours LEC

This writing course, designed to prepare the student for ENGWR 51, will focus on reading and writing as integrally related skills. Students will study and practice such things as reading comprehension, the writing process, critical thinking, and creating clear and correct sentences as they develop the skills necessary to write a variety of focused, developed, organized paragraphs and/or short essays. Students will be responsible for writing at least eight full-process paragraphs/essays. This course may be taken two times for credit. It may include a departmental final.

**ENGWR 42 SPELLING 1 UNIT**

Prerequisite: None

Hours: 18 hours LEC

This course consists of phonetic principles and basic spelling rules with intensive practice in their application. A unit of credit is awarded for each 18 hours of instruction. This course is graded on a credit/no credit basis. ENGWR 42 may be taken two times for credit.

**ENGWR 44 BASICS OF SENTENCE STRUCTURE 1.5 UNITS**

Prerequisite: None

Hours: 27 hours LEC

This course offers training in grammar, sentence building, correct usage, and punctuation. Recommended for students who wish to review basic principles of standard English as preparation or reinforcement for ENGWR 101 or ENGWR 300. Graded on a credit/no credit basis. May be taken two times for credit.

**ENGWR 45 BASICS OF VOCABULARY 1.5 UNITS**

Prerequisite: None

Hours: 27 hours LEC

This course is for vocabulary improvement, specializing in the study of prefixes and other word parts. Graded on a credit/no credit basis. May be taken two times for credit with the recommendation of the instructor.

**ENGWR 51 DEVELOPMENTAL WRITING 4 UNITS**

Prerequisite: ENGWR 41 with grade of "C" or better required to meet prerequisite, or equivalent skills demonstrated through the assessment process.

Hours: 72 hours LEC

This writing course, designed to prepare students for ENGWR 101, will focus on reading and writing as integrally related skills. Students will study and practice reading comprehension, the writing process, critical thinking, and creating clear and correct sentences as they develop skills necessary to write a variety of focused, developed, organized paragraphs and essays. Students will be responsible for writing at least six full-process essays. This course may be taken two times for credit. It may include a departmental final.

**ENGWR 101 COLLEGE WRITING 4 UNITS**

Prerequisite: ENGWR 51, or ESLW 320, or equivalent skills demonstrated through the assessment process. Grade of "C" or better required to meet prerequisite

Hours: 72 hours LEC

This writing course, designed to meet writing proficiency requirements for graduation and to prepare the student for ENGWR 300, will focus on reading and writing as integrally related skills. Students will study and practice such things as the writing process, summarizing, critical thinking, creating clear/varied correct sentences and incorporating sources as they develop the skills necessary to write a variety of focused, developed, organized essays. Students will be responsible for writing at least six full-process essays (500 word minimum). This course may be taken two times for credit. The course includes a departmental final.

**ENGWR 103 PRACTICAL COMMUNICATION 3 UNITS**

Prerequisite: ENGWR 251, or ESLW 320 and ESLR 320, or equivalent skills demonstrated through the assessment process. Grade of "C" or better required to meet prerequisite.

Hours: 54 hours LEC

The course provides instruction in analyzing and writing technical communication and reports, the techniques of which can be used for career and/or college work. Grammar instruction will be directed to help the student write concise and direct sentences, the type needed for technical communication. The course is designed to meet the writing competency requirement for graduation or to prepare students for ENGWR 300. This course may be taken two times for credit with the recommendation of the instructor.

**ENGWR 124 WRITING FOR THE CORRECTIONS OFFICER 3 UNITS**

Prerequisite: ENGWR 51, or ESLW 320, or equivalent skills demonstrated through the assessment process. Grade of "C" or better required to meet prerequisite.

Advisory: ESLR 320 is advised for students who meet the prerequisite with ESLW 320.

Hours: 54 hours LEC

This is an introductory course emphasizing the practical aspects of gathering, organizing and preparing written reports for correctional activities on local, state, and federal levels. It will cover the techniques of communicating facts, information, and ideas effectively in a simple, clear, and logical manner for various types of criminal justice system reports, letters, memoranda, directives, and administrative reports. Students will gain practical experience in note taking, report writing, and presenting testimony in court. The course is designed to meet the writing proficiency requirement for graduation and to prepare students for ENGWR 300. This course may be taken two times for credit with the recommendation of the instructor.

**ENGWR 299 EXPERIMENTAL OFFERING IN ENGLISH - WRITING .5-4 UNITS**

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

**ENGWR 300 COLLEGE COMPOSITION 3 UNITS**

Prerequisite: ENGWR 101 or equivalent skills demonstrated through the assessment process. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Instruction in critical thinking, reading and writing. The course is designed to help the student demonstrate, in both argumentative and expository prose, critical thinking, clear organization, precise diction, and appropriate style. Throughout the course, fluency and correctness are emphasized.

**ENGWR 301 COLLEGE COMPOSITION AND LITERATURE 3 UNITS**

Prerequisite: ENGWR 300. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Introduction to literature and writing about literature through the development of essays based upon the assigned readings.

**ENGWR 302 ADVANCED COMPOSITION AND CRITICAL THINKING 3 UNITS**

Prerequisite: ENGWR 300. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is designed for students who have had ENGWR 300 and who desire further instruction in the techniques of effective critical thinking as expressed in written argument and in the major principles of advanced composition and rhetoric.

**ENGWR 330 WRITING FOR PUBLICATION 3 UNITS**

Prerequisite: ENGWR 300. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

This is an introductory course in writing nonfiction for publication. Emphasis will be on developing a saleable magazine article; finding ideas; analyzing magazines; writing a query letter; researching and interviewing; organizing, writing and illustrating an article. Individual and class criticism of student work will be featured.

**ENGWR 331 WRITING FOR PUBLICATION 3 UNITS**

Prerequisite: ENGWR 300. Grade of "C" or better required to meet prerequisite.

Advisory: ENGWR 330.

Course Transferable to CSU

Hours: 54 hours LEC

This course offers a marketing approach to selling nonfiction writing. The course surveys consumer, general interest and specialty magazines, including trade journals, company publications, regional magazines and local markets. Activities will include the following: reporting on magazine categories; analysis of a variety of magazine article styles and types; writing and sending articles to the marketplace; individual and class criticism of student manuscripts. Emphasis will be placed on increasing freelance writing publication. The course may be taken two times for credit, with the understanding that many universities and four-year colleges place a nine-unit limit on transfer credit from advanced composition courses (ENGWR 330, 331 and ENGCW 400).

**ENGWR 495 INDEPENDENT STUDIES IN ENGLISH - WRITING 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**ENGWR 499 EXPERIMENTAL OFFERING IN ENGLISH - WRITING .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# English as a Second Language

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Folsom Lake College offers courses in ESL designed to provide students with the command of the English language necessary to pursue both transfer level and vocational courses. Students can enter with virtually no knowledge of English and progress to an extremely proficient level.

## Career Options

Command of the English language is critical in any career choice

## Highlights

Well-trained, dedicated staff

Wide range of practical course offerings designed to facilitate entry into other programs

Curriculum of interest to international students

## ESL - Grammar (ESLG)

### ESLG 57 INTERMEDIATE-MID ENGLISH GRAMMAR 3 UNITS

Prerequisite: None

Hours: 54 hours LEC

This course is designed to provide intermediate students with an intensive overview of English grammar and syntax including sentence building, correct usage and punctuation. Students will analyze native speaker texts and demonstrate ability to control target forms in their own writing. Recommended for students in ESLW 50 or 310 who wish to reinforce their control of English grammar and sentence structure.

### ESLG 86 VERB TENSE AND ASPECT 2 UNITS

Prerequisite: Eligibility is determined by the assessment process, or completion of ESLW 40 with a grade of "C" or better.

Hours: 36 hours LEC

This 2-unit elective course provides an overview of the English verb system. Students will learn the 12 active voice verb structures and their meanings. Intensive practice will be given in choosing appropriate verb "tenses" for different purposes. Students will also learn how various kinds of verbs affect sentence structure.

### ESLG 299 EXPERIMENTAL OFFERING IN ENGLISH AS A SECOND LANGUAGE - GRAMMAR .5-4 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

## ESL - Listening (ESLL)

### ESLL 20 NOVICE LISTENING AND SPEAKING 4 UNITS

Prerequisite: None

Corequisite: ESL 90, with a grade of "C" or better. Advisory: ESLR 20 and ESLW 20.

Advisory: ESLR 20 and ESLW 20.

Hours: 72 hours LEC

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 sympathetic listener accustomed to interacting with non-native speakers.

### ESLL 30 NOVICE-HIGH LISTENING AND SPEAKING 4 UNITS

Prerequisite: Completion of ESLL 20 with a grade of "C" or better, or placement through the assessment process. Co-Requisite: ESL 90. Advisory: ESLR 30 and ESLW 30 with a grade of "C" or better.

Advisory: ESLR 30 and ESLW 30 with a grade of "C" or better.

Hours: 72 hours LEC

This is a course in listening comprehension and practical conversation for non-native English speakers who plan to take college courses. Students will learn to recognize and produce the sounds in American English, stress, rhythm, and intonation patterns.

### ESLL 40 INTERMEDIATE-LOW LISTENING AND SPEAKING 4 UNITS

Prerequisite: Completion of ESLL 30 with a grade of "C" or better, or placement through the assessment process. Corequisite: ESL 90. Advisory:

Hours: 72 hours LEC

This is a course in listening comprehension and conversation for non-native English speakers at the intermediate level. Students will focus on developing phrases and sentences to communicate their ideas in familiar situations. The course includes group and individual listening and speaking activities, an overview of American English sounds, and practice in stress, rhythm, and intonation.

### ESLL 50 INTERMEDIATE-MID LISTENING AND SPEAKING 4 UNITS

Prerequisite: Completion of ESLL 40 with a grade of "C" or better or placement through the assessment process. Corequisite: ESL 90. Advisory: ESLG 57, ESLR 50 and ESLW 50.

Corequisite: ESL 90. Advisory: ESLG 57, ESLR 50 and ESLW 50.

Advisory: ESLG 57, ESLR 50 and ESLW 50.

Hours: 72 hours LEC

This is a course in listening comprehension and conversation for non-native English speakers at the intermediate level. Students will understand and be understood in both familiar and unfamiliar situations. Students will be introduced to academic listening and speaking activities and will continue to work on pronunciation skills. This course may be taken once for credit.

### ESLL 299 EXPERIMENTAL OFFERING IN ENGLISH AS A SECOND LANGUAGE - LISTENING .5-4 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

### ESLL 310 INTERMEDIATE-HIGH LISTENING AND SPEAKING 4 UNITS

Prerequisite: Completion of ESLL 50 with a grade of "C" or better, or placement through the assessment process. Advisory: Concurrent enrollment in an ESL Reading and Writing course at the student's assessed level.

Advisory: Concurrent enrollment in an ESL Reading and Writing course at the student's assessed level.

Course Transferable to CSU

Hours: 72 hours LEC

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.

## ESL - Pronunciation (ESLP)

### ESLP 85 PRONUNCIATION 2 UNITS

Prerequisite: Eligibility is determined by the assessment process, or completion of ESLL 40 with a grade of "C" or better.

Hours: 36 hours LEC

This elective course is designed for students who need to improve their pronunciation. It offers intensive practice in the pronunciation and recognition of American English sounds. Students will be introduced to intonation patterns of English, syllables, and stress. This course may be taken twice for credit.

## ESL - Reading (ESLR)

### ESLR 20 NOVICE READING 4 UNITS

Prerequisite: None

Corequisite: ESL 90. Advisory: ESLL 20 and ESLW 20; Advise adult school before taking ESLR 20.

Advisory: ESLL 20 and ESLW 20; Advise adult school before taking ESLR 20.

Hours: 72 hours LEC

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 30 NOVICE-HIGH READING 4 UNITS

Prerequisite: Completion of ESLR 20 with a grade of "C" or better, or placement through the assessment process. Corequisite: ESL 90. Advisory: ESLL 30 and ESLW 30.

Corequisite: ESL 90. Advisory: ESLL 30 and ESLW 30.

Advisory: ESLL 30 and ESLW 30.

Hours: 72 hours LEC

This is a reading course for non-native speakers at the novice-high level. This course focuses on reading words, phrases, and sentences in texts. Students will develop reading skills and strategies, increase their core vocabulary, study spelling rules, phonetics, word forms and grammar necessary to understand short readings.

### ESLR 40 INTERMEDIATE-LOW READING 4 UNITS

Prerequisite: Completion of ESLR 30 with a grade of "C" or better, or placement through the assessment process. Corequisite: ESL 90. Advisory: ESLL 40 and ESLW 40.

Corequisite: ESL 90. Advisory: ESLL 40 and ESLW 40.

Advisory: ESLL 40 and ESLW 40.

Hours: 72 hours LEC

This is a course for non-native English speakers at the intermediate-low level. This course focuses on developing reading skills with an emphasis on building vocabulary, literal comprehension, and fluency. Students will discuss and write about readings.

### ESLR 50 INTERMEDIATE-MID READING 4 UNITS

Prerequisite: Completion of ESLR 40 with a grade of "C" or better, or placement through the assessment process. ESL 90. Advisory: ESLG 57, ESLL 50, and ESLW 50.

Advisory: ESLG 57, ESLL 50, and ESLW 50.

Hours: 72 hours LEC

This is a reading course for non-native English speakers at the intermediate-mid level. This course focuses on the introduction of academic reading skills, with an emphasis on vocabulary development, literal comprehension, and dictionary skills. Students practice critical thinking skills to understand, analyze, discuss, and write responses to ideas expressed in reading

### ESLR 310 INTERMEDIATE-HIGH READING 4 UNITS

Prerequisite: Completion of ESLR 50 with a grade of "C" or better, or placement through the assessment process.

Course Transferable to CSU

Hours: 72 hours LEC

This course focuses on the introduction of academic reading skills with an emphasis on speed, vocabulary expansion, and comprehension of ideas, and introduces students to library use. Students will use critical thinking skills to understand, paraphrase, summarize, and respond to ideas expressed in reading, either orally or in writing.

### ESLR 499 EXPERIMENTAL OFFERING IN ENGLISH AS A SECOND LANGUAGE - READING .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## ESL - Writing (ESLW)

### ESLW 20 NOVICE WRITING 4 UNITS

Prerequisite: Advise adult school before taking ESLW 20. Corequisite: ESL 90. Advisory: ESLL 20 and ESLR 20.

Corequisite: ESL 90. Advisory: ESLL 20 and ESLR 20.

Advisory: ESLL 20 and ESLR 20.

Hours: 72 hours LEC

This 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 30 NOVICE-HIGH WRITING 4 UNITS

Prerequisite: Completion of ESLW 20 with a grade of "C" or better or placement through the assessment process. Corequisite: ESL 90. Advisory: ESLR 30 and ESLL 30 or other ESL courses at the appropriate level.

Corequisite: ESL 90. Advisory: ESLR 30 and ESLL 30 or other ESL courses at the appropriate level.

Advisory: ESLR 30 and ESLL 30 or other ESL courses at the appropriate level.

Hours: 72 hours LEC

This is a course for non-native English speakers at the novice-high level. It will enable students to progress from writing simple sentences to writing narrative and descriptive paragraphs on topics related to their everyday life and experience.

### ESLW 40 INTERMEDIATE-LOW WRITING 4 UNITS

Prerequisite: Completion of ESLW 30 with a grade of "C" or better, or placement through the assessment process. Corequisite: ESL 90.

Corequisite: ESL 90.

Hours: 72 hours LEC

This is a course for non-native speakers of English at the intermediate-low level which focuses on writing paragraphs with a clear beginning, middle, and end while developing correct sentence structure. Students learn to use critical thinking skills and correct grammar in their writing. By the end of the semester, students are able to write multiple paragraphs.

### ESLW 50 INTERMEDIATE-MID WRITING 4 UNITS

Prerequisite: Completion of ESLW 40 with a grade of "C" or better or placement through the assessment process. Corequisite: ESL 90. Advisory: ESLG 57, ESLL 50, and ESLR 50.

Corequisite: ESL 90. Advisory: ESLG 57, ESLL 50, and ESLR 50.

Advisory: ESLG 57, ESLL 50, and ESLR 50.

Hours: 72 hours LEC

In this course students will learn techniques essential to essay writing. They will continue to develop sentence structure in longer pieces of writing.

### ESLW 85 PARTS OF SPEECH 2 UNITS

Prerequisite: Eligibility is determined by the assessment process, or completion of ESLW 40 with a grade of "C" or better.

Hours: 36 hours LEC

This elective course covers the most important parts of speech in English. Students will learn to identify and use nouns, pronouns, adjectives, adverbs, verbs, prepositions, and conjunctions in basic sentences. This course may be taken two times for credit.

### ESLW 86 SPELLING 2 UNITS

Prerequisite: Eligibility is determined by the assessment process, or completion of ESLR 40 with a grade of "C" or better.

Hours: 36 hours LEC

This elective course is designed for students who need to improve their spelling. It includes an introduction to the basic spelling rules and patterns of English. Students will also learn homophones, suffixes, and plurals. Students will develop competence in the ability to spell. This course may be taken two times for credit.

### ESLW 310 INTERMEDIATE-HIGH WRITING 4 UNITS

Prerequisite: Completion of ESLW 50 with a grade of "C" or better or placement through the assessment process.

Course Transferable to CSU

Hours: 72 hours LEC

In this course students will continue to develop their ability to respond to a variety of essay assignments. They will practice critical thinking skills through class discussion and written response to readings and prompts. They will refine their ability to control a range of sentence structures.

**ESLW 320 ADVANCED-LOW WRITING 4 UNITS**

Prerequisite: Completion of ESLW 310 with a grade of "C" or better, or placement through the assessment process.

Course Transferable to CSU

Hours: 72 hours LEC

In this course students will use critical thinking skills and the writing process to produce a variety of focused, developed and organized essays. The course emphasizes sentence variety and the mechanics of English in the context of the essay. Essays will incorporate outside sources as well as personal experience.

**ESLW 499 EXPERIMENTAL OFFERING IN ENGLISH AS A SECOND LANGUAGE  
- WRITING .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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## English as a Second Language (ESL)

**ESL 90 LANGUAGE SKILLS LABORATORY .5-1 UNITS**

Prerequisite: None

Hours: 54 hours LAB

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 nine weeks of the semester and earn either .5 or 1 unit. For each semester of enrollment, a specific study plan will be developed by faculty in consultation with the students. Students may repeat the course, earning a maximum of six units. This course is graded on a credit no credit basis.

**ESL 299 EXPERIMENTAL OFFERING IN ENGLISH AS A SECOND LANGUAGE  
.5-4 UNITS**

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

# Environmental Technology

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Folsom Lake College offers limited coursework in Environmental Technology (ENVT). These courses are designed to provide basic information to students interested in environmental protection, regulatory compliance and workplace safety and health applications. Students may also transfer to Cosumnes River College to earn a degree in Environmental Technology. Graduates 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.

## Career Options

Engineering/Consulting Firms; Governmental Compliance Agencies; Solid Waste Disposal Landfills; Agricultural Chemical Manufacture & Application Firms; Analytical Laboratories; Treatment, Storage, Disposal Facilities; Warehouse-Transportation Systems; Electronics Semiconductor Industry; Workplace Health and Safety Support; Energy & Environmental Audit/Inventories

Many career options require a B.S. degree. Classes beyond the associate degree may be required to fulfill some career options or for preparation for transfer to a university program.

## Highlights

A "hands-on" program providing a firm foundation in all areas of hazardous materials handling

Broad-based field with applications ranging from recordkeeping to pollution cleanup to emergency response

groundwater. Water laws and regulations are also discussed. The class is useful for students interested in Environmental Science, Environmental Technology, Geography, Natural Resource Management, and Biology. (The class is not intended for students training as water treatment plant operators.)

## ENVT 350.2 GROUNDWATER RESOURCES 1.5 UNITS

Prerequisite: None

Advisory: ENVT 350.1.

Course Transferable to CSU

Hours: 18 hours LEC ; 27 hours LAB

This course provides an overview of groundwater resources. The structure of aquifers including groundwater recharge, storage, and flow is discussed. Students will analyze the impacts of groundwater withdrawal and contamination. Students will learn to use basic sampling and analysis methods used to assess groundwater systems. The remediation of contaminated groundwater will be discussed. Students will be expected to conduct lab work; some of this may be outdoors. The class is useful for students interested in Environmental Science, Environmental Technology, Geography, Natural Resource Management, and Biology. A basic knowledge of water resources is assumed before beginning the course. The class is not intended for students training as water treatment plant operators.

## ENVT 350.3 SURFACE FRESHWATER RESOURCES 1.5 UNITS

Prerequisite: None

Advisory: ENVT 350.1.

Course Transferable to CSU

Hours: 18 hours LEC ; 27 hours LAB

This course provides an overview of surface water resources including lakes, streams, and wetlands. The general characteristics of these ecosystems will be discussed with an emphasis on the biology of these systems. Students will learn to use basic sampling and analysis methods used to assess freshwater systems. The ecotoxicology and clean up of contaminated surface water will be discussed. Students will be expected to conduct lab work, some of which may be outdoors. The class is useful for students interested in Environmental Science, Environmental Technology, Geography, Natural Resource Management, and Biology. A basic knowledge of water resources is assumed before beginning the course. The class is not intended for students training as water treatment plant operators.

## ENVT 352 WATER RESOURCE MANAGEMENT 1.5 UNITS

Prerequisite: None

Advisory: ENVT 350.1.

Course Transferable to CSU

Hours: 18 hours LEC ; 27 hours LAB

This course provides an overview of managing potable and waste water supply with respect to use. Topics include water resource demand, the soil/water relationship and water quality. Water treatment laws and regulation will also be discussed. Students learn the basic sampling and analysis methods to assess quality and application issues. Students are expected to conduct lab work, some of which will be outdoors. This class is useful for students interested in Environmental Science or Technology, Natural Resource Management and Biology. This class is not intended for students training as water treatment plant operators.

## ENVT 495 INDEPENDENT STUDIES IN ENVIRONMENTAL TECHNOLOGY 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## ENVT 498 WORK EXPERIENCE IN ENVIRONMENTAL TECHNOLOGY 1-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## ENVT 499 EXPERIMENTAL OFFERING IN ENVIRONMENTAL TECHNOLOGY .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## Environmental Technology (ENVT)

### ENVT 304 ENVIRONMENTAL BIOLOGY 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course presents an overview of ecosystems and natural resources. Major topics covered include ecological principles, ecosystem functioning, conservation biology, resource use and management, pollution and other human-caused environmental impacts. This course provides the background needed to understand major global and regional issues such as acid rain, global warming, hazardous waste disposal, deforestation and endangered species recovery. ENVT 304 is especially useful for Environmental Technology, Environmental Sciences, Ecology, Recreation, Education and Political Science majors. Field trips, attendance at public meetings and/or a semester project may be required. Not open to students who have received credit for Biology 350.

### ENVT 350 WATER RESOURCES 4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

This course provides an overview of water resources including aspects of the chemistry, geography, and biology of aquatic systems. Water laws and the ecotoxicology of water resources will also be discussed. Students will learn to use basic sampling and analysis methods to assess water resources. Students will be expected to conduct lab work, some of which may be outdoors. The class is useful for students interested in Environmental Science, Environmental Technology, Geography, Natural Resource Management, and Biology. This class is not intended for students training as water treatment plant operators.

### ENVT 350.1 FUNDAMENTALS OF WATER RESOURCES 1 UNIT

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC

This course provides an overview of water resources including aspects of the chemistry, geography, and biology of aquatic systems. Topics include hydrologic cycle, ocean resources, freshwater systems, and

# Family and Consumer Science

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Folsom Lake College course offerings in Family & Consumer Science are designed primarily to provide knowledge and skills in the areas of child development and family development. Students planning to transfer should consult with a counselor and/or specific college catalog for transfer, major and general education course work.

#### Career Options

- Early Care and Education
- Education
- Pediatric
- Instructional Assistant
- Counseling
- Child Psychology
- Social Work

*Some career options may require more than two years of college study.*

#### Highlights

Strong support for the Early Childhood Education program  
Opportunities for transfer level instruction  
Professional and innovative staff

#### FCS 494 TOPICS IN FAMILY AND CONSUMER SCIENCE .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC

This course presents in-depth discussions of contemporary issues in the Family and Consumer Sciences. Topics will be selected according to current interest, such as: Microwave Cooking; Protein Alternatives; Realities of Aging; Parenting the Young Child. Students may receive one unit of credit for each topic area. Consult class schedule for specific areas offered.

#### FCS 495 INDEPENDENT STUDIES IN FAMILY AND CONSUMER SCIENCE 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

#### FCS 499 EXPERIMENTAL OFFERING IN FAMILY AND CONSUMER SCIENCE .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## Family and Consumer Science (FCS)

#### FCS 312 CHILD DEVELOPMENT 3 UNITS

Prerequisite: None

Advisory: ENGWR 101 or 103, or ESLL 320, ESLR 320, and ESLW 320.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a study of the physical, cognitive, social and emotional development of the child from the prenatal period through adolescence. In the foundation course, students will examine children as individuals and the environmental influences that impact their growth and development.

#### FCS 314 THE CHILD, THE FAMILY AND THE COMMUNITY 3 UNITS

Prerequisite: None

Advisory: ENGWR 101 or 103, or ESLL 320, ESLR 320, and ESLW 320.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This is a fundamental course that examines the child in the family and the environmental influences on his/her growth and development; including gender, media, sexual orientation, social class/ethnic groups, special needs and their relationship to family behavior. Community resources available to support family systems and dynamics will be examined.

#### FCS 322 FAMILY DEVELOPMENT 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

A functional study of marriage and the family in light of today's societal changes. An evaluation of traditional and current attitudes toward roles, life styles and relationships of men and women. Not open to students who have received credit for PSYC 354.

#### FCS 324 HUMAN DEVELOPMENT: A LIFE SPAN 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course will provide an overview of the physical, cognitive, social, and emotional development from conception through the life span. The emphasis will be on the practical application of developmental principles. The course is designed as a foundation course of careers in educational, social, psychological, and medical fields. An optional field study unit may be offered to provide opportunities for observation and experience with various age groups.

# Finance

**Counseling** - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREE** A.A.—Finance

Finance is an area of increasing importance in the business world. It is experiencing change in organization and style. FLC offers students the opportunity to learn both business and personal finance concepts necessary for survival in the business world and in the home. Whether it is a course or a career, knowledge of finance is an important and essential part of any well prepared business professional's background. Many people find a fast-paced, exciting career in finance.

**Career Options**

Stockbroker; Insurance Representative; Tax Consultant; Financial Planner; Bank Employee; Entrepreneur; Government Service, Investment Counselor; Real Estate Sales; Retirement Specialist

*Some career options may require more than two years of college study*

**Highlights**

- Hands-on experience on the use of computers for business purposes
- Opportunities for work experience in local government and business
- Faculty include certified financial planners and investment executives

# Fire Technology

**Counseling** - FLC/RCC 916-608-6500; EDC 530-642-5645

The fire service is one of the most dynamic employers in the country. The course at Folsom Lake College complements the American River College and Cosumnes River College programs, which are designed to provide the student with updated skills and knowledge necessary to complete and successfully apply for fire service positions.

**Career Options**

Firefighter; Inspector; Investigator; Plan Checker; Supervisor; Manager

Some career options may require more than two years of college study. Classes beyond the associate degree may be required to fulfill some career options or for preparation for transfer to a university program.

**Highlights**

- Up-to-date technical information
- Field trips to a variety of fire service locations
- Networking with other fire service members
- Fire Technology work experience internships (Fire Technology 498 for on-the-job experience)

**DEGREE**  
A.A.—Finance

Please consult with a counselor on which courses should be taken.

REQUIRED PROGRAM	Units	Business Core:
ACCT 301 (1A)	Financial Accounting	4
BUS 310 (8)	Business Communications	3
BUS 330 (15)	Managing Diversity in the Workplace	3
BUS 340 (18A)	Business Law	3
BUS 300 (20)	Introduction to Business	3
BUSTEC 302 (BUS 41)	Computer-Keyboarding	2
CISC 310 (CIS 3)	Intro. to Computer Information Science (3) or	
Four (4) units from the following:		
CISA 320 (CIS 13A), CISA 330 (CIS 17A), CISA 340 (CIS 15A), CISC 320 (CIS 14A)		4
ECON 302 (1A)	Principles of Macroeconomics	3
MKT 300 (20)	Principles of Marketing or	
MGMT 362 (24)	Techniques of Management	3
Finance Option:		
ACCT 125 (77)	Federal and State Taxation	4
BUS 320 (14)/ECON 320 (14)	Concepts of Personal Finance	3
BUS 498 (98)	Work Experience	3
MKT 310 (22)	Selling Professionally or	
MKT 330 (21)	Internet Marketing	3
RE 300 (19)	Principles of Real Estate	3
TOTAL UNITS REQUIRED		43-44

**Suggested Electives:**

BUS 105 (60), 170 (85A), 210 (71A), 212 (71B), 214 (71C) 216 (71D), 218 (71E), 220 (71F); ECON 304 (1B); HCD 130 (61), 132 (51C), 310 (2), 333 (4A), 340 (5), 342 (8), 344 (9), 350 (43), 362 (6), MGMT 372 (23).

## Fire Technology (FT)

**FT 498 WORK EXPERIENCE IN FIRE TECHNOLOGY 1-4 UNITS**

Prerequisite: None  
Course Transferable to CSU  
Hours: 18 hours LEC ; 54 hours LAB

# French

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Folsom Lake College offers the basic grammar and conversation courses in French. Students will be able to understand the spoken language, to speak with reasonable fluency, and to write at their speaking level. Students will acquire a knowledge about geography, culture and people of regions where French is spoken.

## Career Options

Airlines/Travel; Banking; Bilingual Education/Teacher's Aide; Bilingual Telecommunications; Emergency Services; Fashion and design; Foreign Language Teacher; Foreign Service; Import & Export; Intelligence/Military Service; International Business; International Law; IRS/State Franchise Tax Board; Homeland Security; Overseas Employment; Business & Commerce; Pharmaceutical; Social Security Officer; Social Service; Software and computer science; Translating & Interpreting; Tourism

*Some career options may require more than two years of college study.*

## Highlights

Multimedia, interactive language lab with Internet capabilities

Internationally trained faculty and staff

Native speaker faculty

French Club

Native speakers who have high-school-equivalent reading and writing skills in their native language should enroll in the 411 (2A) level course (or above) of their native language.

## French (FREN)

### FREN 101 CONVERSATIONAL FRENCH, ELEMENTARY 3 UNITS

Prerequisite: None

Hours: 36 hours LEC ; 54 hours LAB

This is a 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 an emerging ability to understand and produce appropriate responses in high-frequency situations utilizing learned materials. Speaking and writing will be comprehensible to a sympathetic listener. Verbal and written expression is limited to short, culturally appropriate communication. Students will acquire a knowledge of the geography, culture and people of regions where French is spoken and of French-speakers' contributions to North American and world cultures. This class consists of two hours lecture and one hour of laboratory work conducted in the classroom each week and two hours of laboratory work conducted in the Language Laboratory each week.

### FREN 102 CONVERSATIONAL FRENCH, ELEMENTARY 3 UNITS

Prerequisite: FREN 101. Grade of "C" or better required to meet prerequisite.

Hours: 36 hours LEC ; 54 hours LAB

This is second semester Elementary French. It is designed for students who have completed FREN 401 or two years of high school French. It provides refinement of skills begun in 401. Students will gain increased accuracy and ability to understand and produce appropriate responses in high frequency situations utilizing learned materials. Speaking and writing will be comprehensible to a sympathetic listener. Verbal and written expression will be limited to short, culturally appropriate communication on a broader scale than at the 401 level. Students will acquire a knowledge of the geography, culture and people of regions where French is spoken and of French-speakers' contributions to North American and world cultures. This class will consist of two hours of lecture and one hour of laboratory work conducted in the classroom and two hours of laboratory work conducted in the Language Laboratory each week.

### FREN 311 CONVERSATIONAL FRENCH, INTERMEDIATE 2 UNITS

Prerequisite: FREN 102. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This course provides refinement of skills attained in FREN 102. 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 to concrete topics in known situations. Written expression will meet limited personal needs in culturally appropriate language at a fairly high level of accuracy, higher than found in FREN 402. Students will continue acquisition of knowledge of geography, culture and people of regions where French is spoken and of French-speakers' contributions to North American and world cultures. This course will consist of one hour of lecture and two hours of laboratory work conducted in the classroom each week and one hour of laboratory work conducted in the Language Laboratory each week.

### FREN 312 CONVERSATIONAL FRENCH, INTERMEDIATE 2 UNITS

Prerequisite: FREN 311 and 411. Grades of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This is second semester Intermediate French. It is designed for students who have completed French 311 or four years of high school French. It provides continued development of skills attained in 311. The focus will be on culturally authentic reading and writing through the introduction of basic literary analysis. Students will develop the ability to handle complicated situations using past and future time frames. Students will continue acquisition of knowledge of geography, culture and people of regions where French is spoken and of French-speakers' contributions to North American and world cultures. This course will consist of one hour of lecture and two hours of laboratory work conducted in the classroom each week and one hour of laboratory work conducted in the Language Laboratory each week.

### FREN 401 ELEMENTARY FRENCH 4 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is a 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 an emerging ability to understand and produce appropriate responses in high-frequency situations utilizing learned materials. Speaking and writing will be comprehensible to a sympathetic listener. Verbal and written expression is limited to short, culturally appropriate communication. Students will acquire a knowledge of the geography, culture and people of regions where French is spoken and of French-speakers' contributions to North American and world cultures.

### FREN 402 ELEMENTARY FRENCH 4 UNITS

Prerequisite: French 401. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is second semester Elementary French. It is designed for students who have completed French 401 or two years of high school French. It provides refinement of skills begun in 401. Students will gain increased accuracy and ability to understand and produce appropriate responses in high-frequency situations utilizing learned materials. Speaking and writing will be comprehensible to a sympathetic listener. Verbal and written expression will be limited to short, culturally appropriate communication on a broader scale than at the 401 level. Students will acquire a knowledge of the geography, culture and people of regions where French is spoken and of French-speakers' contributions to North American and world cultures.

### FREN 411 INTERMEDIATE FRENCH 4 UNITS

Prerequisite: FREN 402. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is first semester Intermediate French. It is designed for students who have completed FREN 402 or three years of high school French. It provides refinement of skills attained in 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 in culturally appropriate language at a higher level of accuracy than found in 402. Students will continue acquisition of knowledge of geography, culture and people of regions where French is spoken and of French-speakers' contributions to North American and world cultures.

**FREN 412 INTERMEDIATE FRENCH 4 UNITS**

Prerequisite: FREN 411. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is second semester Intermediate French. It is designed for students who have completed FREN 411 or four years of high school French. It provides continued development of skills attained in 411. The focus will be the development of written narratives and expository prose combined with increased cultural awareness. Emphasis will be on culturally authentic reading and writing through the introduction of basic literary analysis. Students will develop the ability to handle complicated situations using past and future time frames. Students will continue acquisition of knowledge of geography, culture and people of regions where French is spoken and of French-speakers' contributions to North American and world cultures.

**FREN 495 INDEPENDENT STUDIES IN FRENCH 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**FREN 499 EXPERIMENTAL OFFERING IN FRENCH .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# General Education Transfer

**Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645**

**DEGREES** A.A. — General Education Transfer

**Career Options**

Most businesses/agencies acknowledge a higher education degree for promotional and salary enhancement purposes.

**Highlights**

Major requirements are aligned with CSU General Education, IGETC or common General Education requirements at many transfer institutions.

**DEGREE**

**A.A.—General Education Transfer**

Folsom Lake College's general education degree is designed to provide students with a program of solid preparation emphasizing university studies. This program is aligned with the CSU General Education Breadth Requirements or the Intersegmental General Education Transfer Curriculum (IGETC) offering students a wide variety of transfer courses from which to choose. It is important to emphasize, however, that transferability is a matter determined by receiving institutions and that catalog rights may also affect transferability. University programs have varying lower division requirements, and these may also affect selection of courses. **Therefore, any student interested in this degree is strongly advised to meet with a Counselor prior to enrolling in classes.**

**Required Program:**

Complete one of the following options:

**Option A:**

CSU General Education Breadth (39 units)

**Option B:**

Intersegmental General Education Transfer Curriculum (IGETC) (34 units)

**Option C:**

Campus specific lower division general education pattern. (18 units)

Minimum 18 units selected from the UC Transfer Course Agreement in any of the following categories: English, Mathematics, Humanities, Behavioral and Social Sciences, Biological and Physical Sciences.

See a counselor for course requirements for a specific transfer campus.

All degree options require completion of the FLC graduation requirements.

# Geography

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Geography is the science of place and space. Geographers study the relationships among geographic places, natural systems, society, cultural activities, and the interdependence of all these over space.

There are two main branches of geography: human geography and physical geography. 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, plants, etc.

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 Folsom Lake College Geography program offers courses that satisfy lower division General Education requirements in both the physical and social sciences. Students planning to transfer to a four-year school with a major in Geography should consult the lower division requirements at the university they plan to attend.

## Career Options

International Development; Natural Resource Management; Environmental Consultant; Urban and regional planning; Educator (elementary through University); Tourism; Cartographer; Climatologist; Park Ranger; Transportation Specialist; Real Estate Analyst; International Business; Marketing Analyst; Land Surveyor; Research Scientist; Remote Sensing Specialist and Demographer.

*Some career options may require more than two years of college study.*

## Highlights

Comprehensive course offerings including a Physical Laboratory.

Field study courses to Yosemite, Pt. Reyes, Monterey/Big Sur, and the Mt. Diablo area.

## GEOG 306 WEATHER AND CLIMATE 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

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.

## GEOG 310 HUMAN GEOGRAPHY: EXPLORING EARTH'S CULTURAL LANDSCAPES 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

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 390 FIELD STUDIES IN GEOGRAPHY .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This course covers the study of geographic principles and processes in specific environments (mountains, deserts, coastal, urban, etc.). Course content will vary by destination and will include topics in physical geography, human geography, as well as an introduction to geographic tools and techniques for field research. For specific details, see the course description(s) listed in the schedule. Students will be responsible for providing their own lodging (or camping equipment) and food. Field trip(s) required. This course may be repeated up to three times under a new topic or destination.

## GEOG 495 INDEPENDENT STUDIES IN GEOGRAPHY 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## GEOG 499 EXPERIMENTAL OFFERING IN GEOGRAPHY .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## Geography (GEOG)

### GEOG 300 PHYSICAL GEOGRAPHY: EXPLORING EARTH'S ENVIRONMENTAL SYSTEMS 3 UNITS

Prerequisite: None

Advisory: Concurrent enrollment in GEOG 301.

Course Transferable to UC/CSU

Hours: 54 hours LEC

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 is required to relate class discussions to the real world.

### GEOG 301 PHYSICAL GEOGRAPHY LABORATORY 1 UNIT

Prerequisite/corequisite: GEOG 300 (may be taken concurrently).

Course Transferable to UC/CSU

Hours: 54 hours LAB

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.

# Geology

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREE** A.S. — Geology

Geology is the study of the origin and evolution of the earth, utilizing the principles of mathematics, chemistry, physics and biology. The concept of geologic time and the principles of uniformitarianism help geologists to understand the processes that shape the earth and its environments. Geologists study rocks, minerals and fossils in an effort to draw conclusions about both the earth's observable surface processes that meet the eye, and the earth's interior.

Many of the Folsom Lake College Geology courses satisfy lower division General Education requirements for the A.A., A.S., B.A., and B.S. degrees. Geology majors planning to Transfer to four-year institutions should see a counselor.

**Career Options**

Geologist (for private industry or the government); Environmental planner or consultant; Earth Science Educator (middle school through university); Paleontologist; Petrologist; Natural Resource Management; Cartographer/Stratigrapher; Park Naturalist

*Some career options may require more than two years of college study.*

**Highlights**

Lower division course offerings, including a Physical Laboratory, Mineral Laboratory and Field Courses

Dynamic geologic environment near the Sierra Nevada, San Andreas Fault, Mono Lake, Death Valley, and Central California Coastal areas

**GEOL 300 PHYSICAL GEOLOGY 3 UNITS**

Prerequisite: None  
 Advisory: Concurrent enrollment in GEOL 301.  
 Course Transferable to UC/CSU  
 Hours: 54 hours LEC  
 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 1 UNIT**

Prerequisite: None  
 Corequisite: GEOL 300 (may be taken previously). Grade of "C" or better required to meet corequisite.  
 Course Transferable to UC/CSU  
 Hours: 54 hours LAB  
 This course provides "hands-on" experience with the tools and skills discussed in Physical Geology (GEOL 300). Lab topics include mineral and rock identification, map and air photograph interpretation and landform identification, and introduction to the study of geologic maps and cross-sections.

**GEOL 305 EARTH SCIENCE 3 UNITS**

Prerequisite: None  
 Course Transferable to UC/CSU  
 Hours: 54 hours LEC  
 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 1 UNIT**

Prerequisite: None  
 Corequisite: GEOL 305. Grade of "C" or better required to meet corequisite.  
 Course Transferable to UC/CSU  
 Hours: 54 hours LAB  
 This course emphasizes scientific methods and systematic laboratory procedures. Topics include weather analysis, rock and mineral identification, study of geologic concepts by means of topographic maps, and exercises in astronomy and oceanography. One field trip is required.

**GEOL 310 HISTORICAL GEOLOGY 3 UNITS**

Prerequisite: None  
 Advisory: An introductory geology or earth science course.  
 Course Transferable to UC/CSU  
 Hours: 54 hours LEC  
 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 for the purpose of understanding how they and the fossils contained within them record changes in earth environment and processes. 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 1 UNIT**

Prerequisite: None  
 Corequisite: GEOL 310 (May be taken previously). Grade of "C" or better required to meet corequisite.  
 Advisory: GEOL 300.  
 Course Transferable to UC/CSU  
 Hours: 54 hours LAB  
 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.

**DEGREE**  
**A.S.—Geology**

This degree is designed to meet common lower division requirements for a major in geology.

REQUIRED PROGRAM .....	Units
CHEM 400 (1A) General Chemistry .....	5
CHEM 401 (1B) General Chemistry .....	5
GEOL 300 (1) Physical Geology .....	3
GEOL 301 (2) Physical Geology Laboratory .....	1
GEOL 310 (3) Historical Geology .....	3
GEOL 311 (4) Historical Geology Laboratory .....	1
MATH 400 (9A) Analytic Geometry and Calculus I .....	5
MATH 401 (9B) Analytic Geometry and Calculus II .....	5
TOTAL UNITS REQUIRED .....	28

Associate of Science Degree (A.S.) may be obtained by completion of the Required Program, plus General Education requirements, plus sufficient electives to meet a 60-unit total.

## Geology (GEOL)

**GEOL 299 EXPERIMENTAL OFFERING IN GEOLOGY .5-4 UNITS**

Prerequisite: None

**GEOL 330 INTRODUCTION TO OCEANOGRAPHY 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

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 circulations, winds and surface circulation, waves, tides, estuarine environment, biological production, nekton, plankton, and benthic organisms.

**GEOL 342 GEOLOGY OF THE NATIONAL PARKS 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces students to Earth's geologic story as revealed by the rocks and landscapes in our State and National parklands. Attention will focus on how natural Earth processes have formed our State and National parklands. This course addresses surface shaping processes such as volcanism, plutonism, deformation, sedimentation, glaciation and fluvial activity as displayed in our parks and monuments.

**GEOL 345 GEOLOGY OF CALIFORNIA 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides a survey of the physical and historical aspects of California's geology, emphasizing the linkage between humans and geology through socio-economic impacts. This course is recommended for non-majors and majors in geology and is of particular value to science, engineering, environmental studies, education, and economic majors.

**GEOL 347 GEOLOGIC MINING HISTORY OF THE MOTHER LODE 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This is an introductory course covering the mining and geologic history of California's Mother Lode region. Emphasis is on understanding the formation of the area's gold deposits, past and present mining methods, and the legacy left by the early miners.

**GEOL 351 INTRODUCTION TO MINERALOGY 3 UNITS**

Prerequisite: None

Advisory: An introductory geology course and an elementary chemistry course.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

The properties, relationships and origins of minerals, crystallography and determinative mineralogy; economic importance of minerals in California and on a world-wide basis.

**GEOL 390 FIELD STUDIES IN GEOLOGY .5-4 UNITS**

Prerequisite/co requisite: GEOL 300 (may be taken concurrently)

Course Transferable to UC/CSU

Hours: 24 hours LEC ; 144 hours LAB

This course involves the study of geologic principles and processes in the field. Field trips will be scheduled to the desert, mountains, great valley and coastal regions. If an overnight stay is involved, students will be responsible for providing their own lodging or camping equipment and meals. This course may be taken up to four times for credit, each time under a different topic.

**GEOL 495 INDEPENDENT STUDIES IN GEOLOGY 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**GEOL 499 EXPERIMENTAL OFFERING IN GEOLOGY .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Graphic Communication

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**CERTIFICATE** Web/Graphics Production

The Folsom Lake College Graphic Communication program combines artistic and design principles with technical knowledge, and provides students with instruction in computer graphic and Web design skills. Students learn concepts and principles of information design and delivery, as well as graphic design and production, using industry-standard software programs and practices, and employ these skills and concepts in the development and production of content for print and the Web.

**Career Options**

The Graphic Communication program will prepare students for an entry-level position working as a web designer, production artist, or web author in a variety of fields.

**GCOM 361 CREATIVE WEB PAGE DESIGN 3 UNITS**

Prerequisite: GCOM 330 or 340.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This course uses a visual editor for Web page design. Employing graphic design practices, information design principles, and audience analysis concepts, students will learn to create Web sites with well-designed navigation and content, and which are tailored to a specific audience.

**GCOM 363 ADVANCED CREATIVE WEB PAGE DESIGN 3 UNITS**

Prerequisite: GCOM 361.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This is an in-depth course covering advanced Web page design and animation using Macromedia Flash. It is designed for students to enhance their Web page building techniques. Topics include overview of Web animation, graphic design, frame-by-frame animations, motion and shape tweening, controlling animations through basic scripting language, performance, cross-platform, and design issues.

**CERTIFICATE**  
**Web/Graphics Production**

Web/Graphics Production involves the production of graphics for print and the Web. Students in the program learn industry-standard tools used in the Web and Graphic Design fields, and gain an understanding of the techniques, principles, and technical issues related to the production of graphics and web content. The certificate should prepare the student for an entry-level position working as a production artist or graphic assistant in a graphic design or web related field.

REQUIRED PROGRAM .....	Units
ART 320 (14) Design: Fundamentals.....	3
GCOM 330 Beginning Photoshop.....	3
GCOM 361 Creative Web Page Design.....	3
3 units from one of the following	
GCOM 340 Beginning Adobe Illustrator (3)	
CISW 300 (22) Web Publishing (3)	
TOTAL UNITS REQUIRED .....	12

## Graphic Communication (GCOM)

**GCOM 330 BEGINNING PHOTOSHOP 3 UNITS**

Prerequisite: None

Advisory: CISC 300.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

Beginning Photoshop is designed for first time users of Adobe Photoshop. Photoshop is an image editing program that allows the student to create original artwork and to enhance or change digital photographs and scanned artwork. Topics include the Photoshop interface, using the toolbox and palettes, image editing, photo retouching, and working with layers, masks, and filters. This course can be taken twice for credit on new versions of the software.

**GCOM 340 BEGINNING ADOBE ILLUSTRATOR 3 UNITS**

Prerequisite: None

Advisory: CISC 300.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

In this course, students are introduced to Illustrator's drawing tools and how to effectively use them for graphic design, print and web applications. Topics include the Illustrator work area, making selections, creating basic shapes, painting, drawing straight lines, drawing curves, tracing over a placed image, creating symmetrical drawings, working with layers and working with type. This course can be taken twice for credit on new versions of the software.

# Health Education

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

This Folsom Lake College program in Health Education is designed to provide students the essential information for the evaluation, protection and maintenance of individual health. The Health Science course fulfills a portion of the General Education graduation requirement for Living Skills and is transferable to all four-year colleges and universities.

## Health Education (HEED)

### HEED 300 HEALTH SCIENCE 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

The aim of this course is to help people achieve a high level of wellness and prevent disease by assisting them to maximize both their personal lifestyles and their environments. This course will help you to identify the various factors influencing your current and future levels of wellness. Information presented will include, but not be exclusive to: mental health, stress management, nutrition, weight control, fitness, sexuality, addictive substances, and disease.

### HEED 312 COMMUNITY CPR - (CARDIOPULMONARY RESUSCITATION - BASIC LIFE SUPPORT) 1 UNIT

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC

This course includes information essential for first aid knowledge, skill ability, and personal judgment in basic life support and CPR (cardiopulmonary resuscitation) for an adult, child and infant. Instruction includes adult, child and infant CPR, choke rescues and recognizing symptoms of heart attack. Students successfully completing this course and qualifying tests will be eligible to receive an American Red Cross certificate in adult, child and infant CPR. This course may be taken four times for credit.

### HEED 313 STANDARD FIRST AID 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 18 hours LEC

This course includes first aid procedures such as how to deal with cuts, bruises, bone/muscle injuries, shock, bleeding, other first aid emergencies, and also adult one-rescuer CPR (cardiopulmonary resuscitation). These instructional methods and techniques meet the requirements from the American Red Cross in Standard First Aid and CPR. This course is recommended for lifeguards, ski patrol, recreation workers, teachers and Physical Education majors. Students successfully completing this course and qualifying tests are issued American Red Cross certificates in Standard First Aid and in Adult CPR. This course may be taken four times for credit.

### HEED 314 COMMUNITY FIRST AID AND SAFETY 2 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC

This course includes lecture and practice in Community CPR (Cardiopulmonary resuscitation), including adult, infant and child CPR. Also included are choke rescue and how to recognize symptoms of a heart attack. There will also be lecture and practice in First Aid Procedures such as how to deal with cuts, bruises, bone/muscle injuries, shock, bleeding and other first aid emergencies. These instructional methods and techniques meet the requirements from American Red Cross in adult, infant and child CPR and First Aid. Students successfully completing course and qualifying tests are issued American Red Cross certificates in adult, child, and infant CPR and in First Aid. Course may be taken four times for credit.

### HEED 350 PERSONAL WELLNESS 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course takes a personal approach to lifetime healthy habits. The students will relate their own lives to topics that include: fitness, weight management, relationships, nutrition, stress management, sexual health, risky behaviors, and prevention of diseases. Assessment, plans for change and reinforcement will be applied through the use of journals, projects, written assignments and tests. Not open to students who have received credit for PET 301.

### HEED 495 INDEPENDENT STUDIES IN HEALTH EDUCATION 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### HEED 499 EXPERIMENTAL OFFERING IN HEALTH ED .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# History

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

This Folsom Lake College program 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.

## Career Options

Administrator; Archivist; Business Consultant; Foreign Service; Government Service; Historian; Journalist; Librarian; Museum Curator; Pre-Law/Lawyer; Researcher/Research Analyst; State Park Historian; Teacher; Writer

*Some career options may require more than two years of college study.*

## Highlights

Overview of World Civilization and American History, Women in American History

Study Abroad in such locations as London, Paris, Florence and Salamanca

Faculty includes widely traveled scholars, authors and active historians

## History (HIST)

### HIST 307 HISTORY OF WORLD CIVILIZATIONS TO 1500 3 UNITS

Prerequisite: None

Advisory: Completion of ENGWR 101 or eligibility for ENGWR 300 is advised.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of world civilizations from antiquity to 1500, with particular emphasis on the dynamic interaction and comparison 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 for subsequent civilizations and our world today.

### HIST 308 HISTORY OF WORLD CIVILIZATIONS, 1500 TO PRESENT 3 UNITS

Prerequisite: None

Advisory: Completion of ENGWR 101 or eligibility for ENGWR 300 is advised.

Course Transferable to UC/CSU

Hours: 54 hours LEC

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 and our world today.

### HIST 312 HISTORY OF THE UNITED STATES (TO 1865) 3 UNITS

Prerequisite: None

Advisory: ENGWR 101 or eligibility for ENGWR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

History of the United States (to 1865) portrays the growth of America, its institutions and ideals, from their beginning through the Civil War period, examining the decisions and developments that shaped our national heritage. The U.S. Constitution and the establishment of American government institutions are also covered.

### HIST 313 HISTORY OF THE UNITED STATES (1865-1945) 3 UNITS

Prerequisite: None

Advisory: ENGWR 101 or eligibility for ENGWR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

History of the United States portrays America's development from the period of Reconstruction following the Civil War in 1865 through the end of the Second World War in 1945, examining the significant ideas, decisions, forces, institutions, individuals, events, and processes that affected continuity and change during this time. Includes coverage of California state and local government.

### HIST 314 RECENT UNITED STATES HISTORY 3 UNITS

Prerequisite: None

Advisory: ENGWR 101 or eligibility for ENGWR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Recent United States History reviews the significant ideas, decisions, forces, institutions, individuals, events, and processes that constitute American 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 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

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, economic, 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 3 UNITS

Prerequisite: None

Advisory: ENGWR 101 or eligibility for ENGWR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Survey history of the United States from 1607 to the present, emphasizing the economic and social conditions that gave women more actual respect and some public power. Course includes the roles of women in Native American tribes, the English heritage of the colonists, the contributions of women in creating new homes and farms, and the role of women in times of war. Emphasis on the role of women in the three major social issues of the 19th century: labor, abolition, and women's rights. Includes present-day issues and the legacy of how women in the past dealt with similar issues.

### HIST 344 SURVEY OF CALIFORNIA HISTORY: A MULTICULTURAL PERSPECTIVE 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a general historical survey of the social, political and economic developments of California from its origin to the present time. Emphasis is placed on the state's multicultural heritage and on significant local history.

### HIST 392 PRINCIPLES OF HERITAGE INTERPRETATION 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

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 meanings of the resource. Topics will include: developing audience awareness; understanding resource identification; developing a program using a thematic approach; writing measurable performance objectives; 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 Anthropology 392.

**HIST 393 FIELD EXPERIENCE IN HISTORY OR HERITAGE INTERPRETATION****2 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is a cooperative effort between the college and the organizations involved in history or the related field of heritage interpretation. Internship sponsors assist students in acquisition of skills and the application of knowledge learned in the classroom. In addition to developing applied job related skills, students will learn skills in job seeking, career goal setting, team-building, and leadership. During the internship, students will continue to check in with the class to receive input and feedback on their experience. This course requires that students obtain an internship during the course of the semester that will last a minimum of 54 hours.

**HIST 495 INDEPENDENT STUDIES IN HISTORY 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**HIST 499 EXPERIMENTAL OFFERING IN HISTORY .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Horticulture

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

The Folsom Lake College programs offer students the opportunity to learn Nursery Operations and Landscape Maintenance in a unique professional growth industry. A wide variety of employment opportunities are available in the Sacramento area. The continued growth of the area and the need for specialized training are creating a demand for qualified individuals.

#### Career Options

Nursery Management and Operations; Park Maintenance; Landscape Design, Contracting & Maintenance; Fertilizer & Insecticide Application; Research; Retail/Wholesale; Estimator; Consultant; Government Agency employee

#### Highlights

Field trips for appreciation and evaluative study  
Practical design opportunities

### **HORT 499 EXPERIMENTAL OFFERING IN HORTICULTURE .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## Horticulture (HORT)

### **HORT 299 EXPERIMENTAL OFFERING IN HORTICULTURE .5-4 UNITS**

Prerequisite: None

Hours: 18 hours LEC ; 4 hours LAB

### **HORT 300 INTRODUCTION TO HORTICULTURE 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

Survey of principles and practices of horticulture designed to improve knowledge of the home gardener as well as those seeking a career. Basic plant structure and function, general knowledge of plant usage, landscape planning and maintenance.

### **HORT 302 SOILS AND PLANT NUTRITION 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course provides a basic knowledge of the physical, chemical, and biological properties of soils and their characteristics. The course topics include: fundamental soil properties, soil and plant relationships, principles of soil formation, fertilizers and soil management, salinity, pH, erosion management, and non-agricultural uses.

### **HORT 305 PLANT MATERIALS I 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 18 hours LAB

Identification, habit of growth, cultural requirements and uses of ornamental woody and herbaceous plants used in the California landscape. Emphasis will be concentrated on those plants best seen in the fall and winter months and frequently used in the nursery and landscape trade.

### **HORT 306 PLANT MATERIALS II 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 18 hours LAB

Identification, habits of growth, cultural requirements and uses of ornamental woody and herbaceous plants used in the California landscape. Emphasis will be concentrated on those plants best seen in the spring and summer months and frequently used in the nursery and landscape trade.

### **HORT 495 INDEPENDENT STUDIES IN HORTICULTURE 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### **HORT 498 WORK EXPERIENCE IN HORTICULTURE 1-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Human/Career Development

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Folsom Lake College Human/Career Development courses are 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.

## Highlights

Understanding of how changes in the workplace impact career change and lifelong transition

Obtain knowledge and skills needed to succeed in college

Career exploration and research to assist with career planning and decision making

Awareness of skills and competencies required for effective and competitive workplace performance

Addresses balanced lifestyle concepts and their relationship to job satisfaction and work/life success

Support strategies for those with learning disabilities

## Human/Career Development (HCD)

### HCD 81 DIAGNOSTIC ASSESSMENT .5 UNITS

Prerequisite: None

Hours: 9 hours LEC

Assessment of learning strengths and weaknesses to determine eligibility for Learning Disability Program services, using guidelines mandated by the California Community College system. Graded on a credit/no credit basis.

### HCD 123 STUDY STRATEGIES AND TECHNIQUES 3 UNITS

Prerequisite: None

Hours: 54 hours LEC

This course is designed for student with learning challenges who want to improve their academic skills and learn specific study skills and strategies. Students will have an opportunity to develop and improve techniques for textbook reading, note taking, and test taking. They will learn strategies for time management, memory improvement, and test preparation, as well as critical thinking and organization in written expression. In addition, they will be able to discover their own learning styles and choose individually tailored, appropriate combinations of study strategies and techniques. The course includes familiarization with relevant campus resources as well as the Internet and off-campus information resources. This course is not transferable to UC/CSU. This course is open to all students but is designed and particularly helpful for students with learning problems and a variety of disabilities.

### HCD 132 CAREER EXPLORATION 1 UNIT

Prerequisite: None

Hours: 18 hours LEC

The purpose of this course is to help the entry level college student gain insight into the career planning process. Topics covered include self assessment of values, skills, and personality factors relevant to life planning. Students will learn how to balance career and personal life when making career decisions, become skilled in the use of career information resources, understand the nature of the changing labor market, and when appropriate, acquire job hunting skills.

### HCD 310 COLLEGE SUCCESS 3 UNITS

Prerequisite: None

Course Transferable to CSU; UC pending

Hours: 54 hours LEC

This intensive course is designed to assist students to obtain the skills and knowledge necessary to reach their educational objectives. Topics to be covered include: motivation and discipline, memory development, time management, communication skills, career planning, study skills and techniques, question-asking skills and personal issues that face many college students. It is recommended for new students and others who can benefit. The course may be offered for specific populations.

### HCD 330 LIFE AND CAREER PLANNING 1 UNIT

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC

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.

### HCD 335 CAREER DEVELOPMENT 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course provides a comprehensive approach to life and career planning based on extensive measurement of career development theories, interests, skills, personality types and values. Personal and career goals are developed. Course topics include career research, resume and cover letter development, interviewing strategies, decision making, and time management strategies. Students will be required to purchase additional class materials.

### HCD 495 INDEPENDENT STUDIES IN HUMAN/CAREER DEVELOPMENT 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### HCD 499 EXPERIMENTAL OFFERING IN HUMAN/CAREER DEVELOPMENT .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### HCD 1000 SUPERVISED TUTORING 0 UNITS

Prerequisite: None

Hours: hours LAB

This course offers individualized tutoring designed to assist students to increase their success in college courses. Students may enroll for support of more than one college course per semester. Content will vary depending upon the adjunct course. Attention will be given to essential study skills and utilization of campus learning resources. May be repeated in subsequent semesters.

# Human Services & Gerontology

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

DEGREES	A.A.—Human Services, General
	A.A.—Human Services, Gerontology
CERTIFICATES	Human Services, General
	Human Services, Gerontology
	Human Services, Home Caregiver

This Folsom Lake College program prepares students for employment as an associate professional with agencies such as youth group homes, youth and family services, schools, probation, welfare, and mental health departments.

**Career Options**

Peer Support Group Facilitator; Youth Group Home Worker; Alcoholism Program Worker; Family, Welfare, and Health Agencies Worker; Ombudsman Program Workers; Work with Correctional Agencies; Consumer Consultant; County or State Eligibility Worker; Conflict Containment Workers

**Highlights**

- Individual and group counseling
- Tours of Human Services agencies
- Interviews with employers
- Employment training, including resumes, cover letters, and interviews

**DEGREE**

**A.A.—Human Services, General**

REQUIRED PROGRAM		Units
HSER 300 (14)	Introduction to Human Services	3
HSER 302 (21)	Intro to Psychology of Human Relations	3
HSER 350 (39)	Employment Skills in Human Services	3
HSER 360 (41)	Techniques of Interviewing and Counseling	3
HSER 364 (42)	Techniques of Group Counseling	4
HSER 362 (40)	Practices in Human Services	6
PSYC 300 (1)	General Principles	3
Plus six (6) units selected from:		6
GERON 300 (22)/SOC 335 (22)	Sociology of Aging	(3)
HSER 304 (22)	Introduction to Counseling Children	(3)
HSER 340 (35)	Introduction to Chemical Dependency	(3)
HSER 494 (47)	Current Issues in Human Services	(3)
PSYC 320 (3)	Social Psychology	(3)
SOC 300 (1A)	Introductory Sociology	(3)
SOC 321 (5)	Race, Ethnicity and Inequality in the U.S.	(3)
<b>TOTAL UNITS REQUIRED</b>		<b>31</b>

Suggested Electives: ENGWR 300 (1A), 330 (14A), 331 (14B); CISA 300 (11A), 301 (11B), 320 (13A), 321 (13B), 340 (15A); HEED 300 (1), 313 (10), 312 (11); STAT 300 (1).

**DEGREE**

**A.A.—Human Services, Gerontology**

Required Program		Units
GERON 331 (41)	Interviewing, Counseling the Elderly	3
GERON 333 (42)	Techniques of Individual and Group Counseling of the Elderly	4
HSER 300 (14)	Introduction to Human Services	3
HSER 302 (21)	Introduction to Psychology of Human Rels	3
HSER 340 (35)	Introduction to Chemical Dependency	3
HSER 350 (39)	Employment Skills in Human Services	3
HSER 360 (41)	Techniques of Interviewing and Counseling	3
HSER 364 (42)	Techniques of Group Counseling	4
HSER 362 (40)	Practices in Human Services	6
PSYC 300 (1)	General Principles	3
<b>TOTAL UNITS REQUIRED</b>		<b>35</b>

Suggested Electives:

ENGWR 300 (ENGL 1A), ENGWR 330 (14A), ENGWR 331 (14B); CISA 300 (CIS11A), CISA 301 (CIS 11B), CISA 320 (CIS 13A), CISA 321 (13B), CISC 320 (CIS14A), CISC 321 (14B), CISA 340 (15A); HEED 300 (1), 313 (10), 312 (11); STAT 300 (1).

**CERTIFICATE**

**Human Services, Gerontology**

Required Program		Units
GERON 331 (41)	Interviewing, Counseling the Elderly	3
GERON 333 (42)	Techniques of Individual and Group Counseling of the Elderly	4
HSER 300 (14)	Introduction to Human Services	3
HSER 302 (21)	Introduction to Psychology of Human Rels	3
HSER 340 (35)	Introduction to Chemical Dependency	3
HSER 350 (39)	Employment Skills in Human Services	3
HSER 360 (41)	Techniques of Interviewing and Counseling	3
HSER 364 (42)	Techniques of Group Counseling	4
HSER 362 (40)	Practices in Human Services	6
PSYC 300 (1)	General Principles	3
<b>TOTAL UNITS REQUIRED</b>		<b>35</b>

**CERTIFICATE**

**Human Services, General**

Required Program		Units
HSER 300 (14)	Introduction to Human Services	3
HSER 302 (21)	Intro to Psychology of Human Relations	3
HSER 350 (39)	Employment Skills in Human Services	3
HSER 360 (41)	Techniques of Interviewing and Counseling	3
HSER 364 (42)	Techniques of Group Counseling	4
HSER 362 (40)	Practices in Human Services	6
PSYC 300 (1)	General Principles	3
Plus six (6) units selected from:		6
GERON 300 (22)/SOC 335 (22)	Sociology of Aging	(3)
HSER 304 (22)	Introduction to Counseling Children	(3)
HSER 340 (35)	Introduction to Chemical Dependency	(3)
HSER494 (47)	Current Issues in Human Services	(3)
PSYC 320 (3)	Social Psychology	(3)
SOC 300 (1A)	Introductory Sociology	(3)
SOC 321 (5)	Race, Ethnicity and Inequality in the U.S.	(3)
<b>TOTAL UNITS REQUIRED</b>		<b>31</b>

Suggested Electives: ENGWR 300 (1A), 330 (14A), 331 (14B); CISA 300 (11A), 301 (11B), 320 (13A), 321 (13B), 340 (15A); HEED 300 (1), 313 (10), 312 (11); STAT 300 (1).

**CERTIFICATE****Human Services, Home Caregiver**

Required Program	Units
GERON 300 (22)/SOC 335 (22) Sociology of Aging	3
HSER 302 (21) Introduction to Psychology of Human Rels	3
HSER 350 (39) Employment Skills in Human Services	3
HSER 498 (48) Work Experience	3
<b>TOTAL UNITS REQUIRED</b>	<b>12</b>

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## Human Services (HSER)

**HSER 300 INTRODUCTION TO HUMAN SERVICES 3 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 54 hours LEC

A comprehensive overview of the field of Human Services in private and public agencies. Includes learning of agency functions and worker activities through reading, class discussion, and class speakers. Emphasis is on the roles and skills of associate professionals such as health workers, activity directors for the elderly, and adolescent and child welfare assistants.

**HSER 302 INTRODUCTION TO PSYCHOLOGY OF HUMAN RELATIONS 3 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 54 hours LEC

Introduction to attitudes, values, and methods that enhance communication skills in human relations. Required course for the Human Services major. Open to all students.

**HSER 304 INTRODUCTION TO COUNSELING CHILDREN 3 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 54 hours LEC

A study of the tools children use daily to cope with feelings, adjust to changes, overcome disappointment and trauma, make sense out of the world around them and grow in their various relationships. Children's play medium will be experienced, with special emphasis on the importance of imagination and the use of fantasy. Assignments will require association with children.

**HSER 340 INTRODUCTION TO CHEMICAL DEPENDENCY 3 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 54 hours LEC

A survey course that examines the psychological and physiological effects of chemical dependency on the individual. Also included is an analysis of the effects of substance abuse on the family; the sociological and economic conditions contributing to substance abuse, and a description of communication efforts at prevention and treatment.

**HSER 350 EMPLOYMENT SKILLS IN HUMAN SERVICES 3 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 54 hours LEC

Information in interviewing and counseling with parents, family system dynamics, family and drug intervention, crisis training, court mandated reporting, legislative mandates required of counselors, and laws pertaining to counseling minors and other client populations within Human Services Agencies.

**HSER 360 TECHNIQUES OF INTERVIEWING AND COUNSELING 3 UNITS**

Prerequisite: HSER 302. Grade of "C" or better required to meet prerequisite.  
 Advisory: HSER 300 and concurrent enrollment in HSER 362.  
 Course Transferable to CSU

Hours: 54 hours LEC  
 Exploration of the effectiveness of these techniques as applied to para-professional experiences as counselor and group counselor aides, mental health workers, social service technicians and other new careers on all academic levels in people-to-people services. This course is an integral part of the Human Services curriculum.

**HSER 362 PRACTICES IN HUMAN SERVICES 3 UNITS**

Prerequisite: None  
 Corequisite: HSER 360. Grade of "C" or better required to meet prerequisite or corequisite.  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 108 hours LAB

This course provides advanced study and supervised field experience in public and/or private agencies providing mental health, corrections, chemical dependency, and child/adolescent treatment services. Students apply concepts, values and skills acquired in other core courses to the process of helping others. Student evaluation is competency-based. This course may be taken four times for credit.

**HSER 364 TECHNIQUES OF GROUP COUNSELING 4 UNITS**

Prerequisite: HSER 302, 360, and 362. Grade of "C" or better required to meet prerequisite.  
 Course Transferable to CSU  
 Hours: 54 hours LEC ; 54 hours LAB

Techniques of counseling in groups with people of a variety of ages. Group exploration and sharing of feelings about problems presented. Recognition of unique and common problems and participation in understanding and behavior change.

**HSER 494 TOPICS IN HUMAN SERVICES .5-4 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 54 hours LEC

Exploration of those topics and issues which are most relevant for future and present workers in human services. Emphasis will be on those issues which are not consistently covered by other required human services courses. These issues may include: chemical dependency, interventions in poverty, stress management, child neglect and abuse, patient rights, and organization for advocacy.

**HSER 495 INDEPENDENT STUDIES IN HUMAN SERVICES 1-3 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 54 hours LAB

**HSER 498 WORK EXPERIENCE IN HUMAN SERVICES 1-4 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 54 hours LAB

**HSER 499 EXPERIMENTAL OFFERING IN HUMAN SERVICES .5-4 UNITS**

Prerequisite: None  
 Course Transferable to CSU

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## Gerontology (GERON)

**GERON 300 SOCIOLOGY OF AGING 3 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 54 hours LEC

This course examines the aged and the aging process, with emphasis on social factors affecting and affected by an aging population. It includes an analysis of demography and history of aging in America; individual aging and adaptation; needs, resources, and social support systems; employment and retirement; and social class/cultural differences. Not open to students who have received credit for SOC 335.

**GERON 331 INTERVIEWING, COUNSELING THE ELDERLY 3 UNITS**

Prerequisite: PSYC 300. Grade of "C" or better required to meet prerequisite.  
 Course Transferable to CSU  
 Hours: 54 hours LEC

Techniques of counseling the elderly with emphasis on rehabilitation using Remotivation-Reality Orientation, Sensitivity Training and Life Review. Individual and group processes as related to the elderly are applied. The course is an integral part of the Gerontology program.

**GERON 333 TECHNIQUES OF INDIVIDUAL AND GROUP COUNSELING OF THE ELDERLY 4 UNITS**

Prerequisite: GERON 331. Grade of "C" or better required to meet prerequisite.  
 Course Transferable to CSU  
 Hours: 54 hours LEC ; 54 hours LAB

Exploration of the effectiveness of counseling techniques of the elderly within an institutional setting. Non-traditional techniques of counseling and support are investigated. Student involvement with the elderly under supervision is a major function of the course. This course is an integral part of the Gerontology program.

**GERON 495 INDEPENDENT STUDIES IN GERONTOLOGY 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**GERON 498 WORK EXPERIENCE IN GERONTOLOGY 1-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**GERON 499 EXPERIMENTAL OFFERING IN GERONTOLOGY .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Humanities

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

## DEGREE

A.A.—Humanities

This Folsom Lake College program offers courses in classical, modern, American and non-Western humanities. In each course, basic human values as exemplified in the arts, philosophy, religion and history are examined.

### Career Options

Communication; Education; Journalism; Law; Politics; Public Relations; Museum Curator

Some career options may require more than two years of college study.

### Highlights

Diversified and talented faculty

Hands-on experience in various fields relating to above career options

Excellent background in liberal arts for transfer or interdisciplinary study

## DEGREE

### A.A.—Interdisciplinary Studies, Humanities

REQUIRED PROGRAM ..... Units

Nine (9) units selected from:

Humanities 300 (1), 310 (2);  
Philosophy 300 (6) ..... 9

Twelve (12) units selected from:

(no more than one course from each group)

- (a.) Art History 300 (Art 10);  
(b.) English Creative Writing 400 (ENGL 15),  
English Literature 320 (ENGL 30), 321 (ENGL 31),  
340 (ENGL 33), 341 (ENGL 34), 310 (ENGL 35),  
311 (ENGL 36), 330 (ENGL 40);  
(c.) Humanities 320 (3), 332 (7);  
(d.) Music - MUFHL 300 (6), 310 (10), 311 (11);  
(e.) Philosophy 320 (4), 310 (5), 338 (8), 350 (10);  
(f.) Theatre Arts 300 (1);  
Communications Media 305 (14) ..... 12

TOTAL UNITS REQUIRED ..... 21

## Humanities (HUM)

### HUM 300 CLASSICAL HUMANITIES 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

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 tradition up to the end of the Middle Ages.

### HUM 310 MODERN HUMANITIES 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

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 World.

### HUM 320 EASTERN HUMANITIES 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

The focus of the course is on Far Eastern culture in its attempts to interpret human experience and identity. The quest for truth is traced in a variety of forms of humanistic self-expression—literature, art, music, philosophy and history. The course concentrates especially on India, China and Japan.

### HUM 332 AMERICAN HUMANITIES 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course examines ideas and values about the American experience in the 20th century by analyzing the literature, art, music, philosophy and history of the past 100 years. 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 in the past 100 years.

### HUM 334 CALIFORNIA CULTURES 3 UNITS

Prerequisite: None

Advisory: ENGWR 101 or eligibility for ENGWR 300.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course examines California cultural development in the arts, literature, music and philosophy of the early indigenous people through the Spanish, Mexican and Anglo presences of the 19th century. The course will inspect the development of values and the manifestation of those values in politics and culture today, including the contributions of immigrant groups to the social milieu of the 20th century. Field trips are required.

### HUM 340 AFRICAN AMERICAN HUMANITIES 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course examines the African American experience in the United States from an historical and political perspective by experiencing and analyzing the arts and artistic expressions. The course draws upon music, art, literature and philosophy as avenues for understanding the influences and challenges to African American identity both historically and contemporarily.

### HUM 495 INDEPENDENT STUDIES IN HUMANITIES 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### HUM 499 EXPERIMENTAL OFFERING IN HUMANITIES .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Interdisciplinary Studies

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREE**

- A.A.—American Studies
- A.A.—Humanities
- A.A.—Women's Studies

This Folsom Lake College major is intended for students who wish a general background in the areas of humanities or social 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.

**Career Options**

Religious Service; Human Service Careers; Research; Teacher; Law; Administrator; Attorney; Historian; Foreign Service; Archivist; Social Worker; Public Relations Consultant; Employment Counselor; Probation Officer; Counselor

Some career options may require more than two years of college study. Classes beyond the associate degree may be required to fulfill some career options or for preparation for transfer to a university program.

**Highlights**

- A valuable foundation for a variety of career or transfer opportunities
- Diversified and talented faculty
- Overview of theoretical and cultural principles

**DEGREE**

**A.A.—Interdisciplinary Studies, American Studies**

REQUIRED PROGRAM ..... Units  
 15 units selected from:  
 (no more than one course selected from each group)  
 (a.) English Literature 320 (30), 321(ENGL 31), 330 (ENGL 40);  
 (b.) History 312 (17), 313 (18), 314 (21), 331 (35);  
 (c.) Humanities 332 (7);  
 (d.) Political Science 301 (1);  
 (e.) Psychology 360 (28);  
 (f.) Sociology 300 (1A), 301 (1B), 321 (5) ..... 15  
 Six (6) units selected from:  
 (no more than one course selected from each group)  
 (a.) Business 300 (20);  
 (b.) Humanities 310 (2);  
 (c.) Philosophy 300 (6), 338 (8) ..... 6  
**TOTAL UNITS REQUIRED** ..... 21

**DEGREE**

**A.A.—Interdisciplinary Studies, Humanities**

REQUIRED PROGRAM ..... Units  
 Nine (9) units selected from:  
 Humanities 300 (1), 310 (2);  
 Philosophy 300 (6) ..... 9  
 Twelve (12) units selected from:  
 (no more than one course from each group)  
 (a.) Art History 300 (Art 10);  
 (b.) English Creative Writing 400 (ENGL 15),  
 English Literature 320 (ENGL 30), 321 (ENGL 31),  
 340 (ENGL 33), 341 (ENGL 34), 310 (ENGL 35),  
 311 (ENGL 36), 330 (ENGL 40);  
 (c.) Humanities 320 (3), 332 (7);  
 (d.) Music - MUFHL 300 (6), 310 (10), 311 (11);  
 (e.) Philosophy 320 (4), 310 (5), 338 (8), 350 (10);  
 (f.) Theatre Arts 300 (1);  
 Communications Media 305 (14) ..... 12  
**TOTAL UNITS REQUIRED** ..... 21

**DEGREE**

**A.A.—Interdisciplinary Studies, Women's Studies**

This program is designed for both men and women, focusing on women and their:

- Achievements
- Behavior, Feelings and Experience
- Historical Significance
- Cultural and Social Contribution
- Roles in Society and the Political System
- Literary Significance, and
- Positions in the Business World

REQUIRED PROGRAM ..... Units  
 Nine (9) units selected from:  
 English Literature 360 (ENGL 27)  
 History 331 (35)  
 Psychology 356 (25), 360 (28) ..... 9  
 Twelve (12) units selected from:  
 (no more than one course from each group)  
 (a.) Business 300 (20);  
 (b.) English Literature 360 (ENGL 27), 320 (ENGL 30),  
 321 (ENGL 31), 340 (ENGL 33), 341 (ENGL 34),  
 310 (ENGL 35), 311 (ENGL 36), 330 (40);  
 (c.) History 312 (17), 313 (18), 314 (21), 331 (35);  
 (d.) Humanities 332 (7);  
 (e.) Philosophy 310 (5), 320 (4), 338 (8);  
 (f.) Political Science 301 (1);  
 (g.) Psychology 356 (25), 360 (28) 372 (34);  
 (h.) Sociology 300 (1A), 301 (1B), 321 (5) ..... 12  
**TOTAL UNITS REQUIRED** ..... 21

# Library

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

The Folsom Lake College Library courses teach vital research skills that enable students to achieve success in their college classes, their careers, and their day-to-day lives. Students will gain "research survival skills" to cope with the information rich environment in which they 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 drop by the reference desk to pick up a helpful handout, obtain individual assistance, or for more information.

Students interested in a paraprofessional library career can complete the Library and Information Technology program available at Sacramento City College. Students interested in a professional library career need a bachelor's degree and a graduate Library and Information Science degree.

## Highlights

- Become familiar with academic library organization.
- Learn how to select and use appropriate information sources.
- Develop skills to effectively design online search strategies.
- Learn how to evaluate print and online information resources.

## Library (LIBR)

### **LIBR 318 LIBRARY RESEARCH AND INFORMATION LITERACY 1 UNIT**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 18 hours LEC

This course helps students acquire the information competency skills necessary to conduct academic or personal research. It provides a step-by-step guide to the research process that is applicable to term papers, course work, and life-long learning. It emphasizes developing effective search strategies, selecting information tools, locating and retrieving information sources, analyzing and critically evaluating information, organizing and using information.

### **LIBR 499 EXPERIMENTAL OFFERING IN LIBRARY .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Management

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREE** A.A.—Management

This broad-based management program offers introductory courses as well as more specialized ones ranging from studies of the 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.

**Career Options**

Branch Manager; Department Manager; First-line Supervisor; Office Manager; Plant Manager; Project Manager; Entrepreneur; Shift Supervisor; Small Business Owner/Manager

Some career options may require more than two years of college study.

**Highlights**

Additional training in courses acceptable as electives for civil service professional occupations

Hands-on experience in the use of computers for business purposes

Opportunities for work experience in local industry, business, and government

A lab with tutorial assistance

## Management (MGMT)

**MGMT 308 PERSONNEL AND HUMAN RESOURCES MANAGEMENT 3 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 54 hours LEC

This course presents the student with the materials necessary to begin the complex study and analysis of such areas as civil rights, labor law, the personnel "Human Resources" organization and various management theories currently found in both public and private sector organization.

**MGMT 360 MANAGEMENT COMMUNICATION 3 UNITS**

Prerequisite: None  
 Advisory: MGMT 362.  
 Course Transferable to CSU  
 Hours: 54 hours LEC

This course provides skill training in coping with communication problems in organizations and includes the study of the communication process, the analysis of the barriers to effective oral and written communication, and the development of guidelines to improve interpersonal relations within an organization through the effective methods of oral and written communications.

**MGMT 362 TECHNIQUES OF MANAGEMENT 3 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 54 hours LEC

This is a basic course in management that introduces a variety of modern management concepts. This course includes the basic management functions of planning, organization, staffing, leadership, and control. In addition, such concepts as team development, communication, business ethics, and global management perspectives will be discussed.

**MGMT 372 HUMAN RELATIONS AND ORGANIZATIONAL BEHAVIOR 3 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 54 hours LEC

Effective human interaction principles that build confidence, competence and positive attitudes in work organizations are learned in this course. Topics that include the basis for human behavior, perception, communication, motivation, performance improvement, group behavior, ethics and social responsibility are major areas of emphasis. This course emphasizes the psychology of human relations management.

**MGMT 495 INDEPENDENT STUDIES IN MANAGEMENT 1-3 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 3 hours LAB

**MGMT 498 WORK EXPERIENCE IN MANAGEMENT 1-4 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 54 hours LAB

**MGMT 499 EXPERIMENTAL OFFERING IN MANAGEMENT .5-4 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 54 hours LAB

**DEGREE**  
**A.A.—Management**

**REQUIRED PROGRAM** ..... Units

**Business Core:**

ACCT 301 (1A)	Financial Accounting .....	4
BUS 310 (8)	Business Communications .....	3
BUS 330 (15)	Managing Diversity in the Workplace .....	3
BUS 340 (18A)	Business Law .....	3
BUS 300 (20)	Introduction to Business .....	3
BUSTEC 302 (BUS 41)	Computer Keyboarding .....	2
MKT 300 (20)	Principles of Marketing .....	3
ECON 302 (1A)	Principles of Macroeconomics or	
ECON 320 (14)/BUS 320 (14)	Concepts of Personal Finance .....	3
CISC 310 (CIS 3)	Intro to Computer Information Science or	
Three (3) units to include:		
CISC 300 (CIS 1)	Computer Familiarization (1) and	
Any two (2) additional units selected from:		
CISA 300 (CIS 11A), CISA 310 (CIS 12A), CISA 320 (CIS 13A),		
CISC 320 (CIS 14A), CISA 340 (CIS 15A), CISC 350 (CIS 16A),		
CISA 330 (CIS 17A) .....		3

**Management Option:**

MGMT 362 (24)	Techniques of Management .....	3
MGMT 372 (23)	Human Relations & Organizational Behavior .....	3
Plus six (6) units selected from: .....		
BUS 350 (25), 210 (71A), 218 (71E), 224 (71-I);		
Plus three (3) units selected from: .....		
BUS 498 (98)	Work Experience or	
Human/Career Development (any course combination)		
<b>TOTAL UNITS REQUIRED</b> .....		<b>42</b>

Suggested Elective: ACCT 311 (1B)

# Marketing

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREE** A.A.—Marketing

Marketing is a dynamic area of study that provides immediate job and career opportunities after one course or the completion of a degree. The skills learned are easily converted into well-paying careers by many students. There is no limit to your success when these areas of study are utilized successfully. The skills learned are essential for international and domestic business and for companies large and small.

**Career Options**

Buyer; Account Executive; Entrepreneur; Investment Counselor; Marketing Services; Stockbroker; Purchasing Agent; Salesperson; Shipping Clerk; Marketing Manager; Export/Import

Some career options may require more than two years of college study.

**Highlights**

Additional training in courses acceptable as electives for civil service professional occupations

Opportunities for Work Experience in local industry and business

Training in a career where one third of the presidents of Fortune 500 corporations have marketing backgrounds

Coursework in international marketing

A lab with tutorial assistance

**DEGREE**  
A.A.—Marketing

**REQUIRED PROGRAM** ..... Units

**Business Core:**

- ACCT 301 (1A) Financial Accounting (4) or
- ACCT 101 (60) Fundamentals of College Accounting (3) ..... 3-4
- BUS 310 (8) Business Communication ..... 3
- BUS 330 (15) Managing Diversity in the Workplace ..... 3
- BUS 340 (18A) Business Law ..... 3
- BUS 300 (20) Introduction to Business ..... 3
- BUSTEC 302 (BUS 41) Computer Keyboarding ..... 2
- CISC 310 (CIS 3) Intro to Computer Information Science (3) or
- Three (3) units to include:
- CISC 300 (CIS 1) Computer Familiarization (1) and
- Any two (2) additional units selected from:
- CISA 300 (CIS 11A), CISA 310 (CIS 12A), CISA 320 (CIS 13A),
- CISC 320 (CIS 14A), CISA 340 (CIS 15A), CISC 350 (CIS 16A),
- CISA 330 (CIS 17A) ..... 3
- ECON 302 (1A) Principles of Macroeconomics or
- ECON 320 (14)/BUS 320 (14) Concepts of Personal Finance ..... 3
- MGMT 362 (24) Techniques of Management ..... 3

**Marketing Option:**

- MKT 300 (20) Principles of Marketing ..... 3
- MKT 310 (22) Selling Professionally ..... 3
- MKT 312 (24) Retailing or
- BUS 350 (25) Small Business Management/ Entrepreneurship or
- Three (3) units selected from:
- BUS 210 (71A), 212 (71B), 214 (71C), 224 (71-1) ..... 3
- MKT 314 (26) Advertising ..... 3
- BUS 498 (98) Work Experience (3) or
- Human/Career Dev. (any course combination) ..... 3
- TOTAL UNITS REQUIRED** ..... 41-42

**Suggested Electives:**

CISA 340 (CIS 15A), CISA 330 (17A); RE 300 (19)

## Marketing (MKT)

**MKT 120 SURVEY OF INTERNATIONAL BUSINESS 3 UNITS**

Prerequisite: None  
Hours: 54 hours LEC

This course is a comprehensive overview of international business designed to provide both beginners and experienced business people with a global perspective on international trade including foreign investments, impact of financial markets, and the operation of multi-national corporations.

**MKT 122 INTERNATIONAL MARKETING 3 UNITS**

Prerequisite: None  
Hours: 54 hours LEC

This course presents the problems of marketing in the international marketplace and how marketers approach and solve them. The course focuses on concepts and principles by teaching the theory and practice of international marketing through the use of practical examples and actual case studies of international, both United States and foreign, marketing organizations. Studies include: international marketing position of the United States, market entry strategies, analysis of foreign markets, culture and marketing, product design, pricing, distribution, promotion and sales.

**MKT 132 BASICS OF EXPORTING 1.5 UNITS**

Prerequisite: None  
Hours: 27 hours LEC

This course covers the different aspects of exporting and affords the student a working knowledge of the various terms and techniques essential to exporting. Studies include marketing, organization, regulation, terms of access, documentation, shipment and financing involved with international movement of merchandise, trade patterns by countries and commodities.

**MKT 134 BASICS OF IMPORTING 1.5 UNITS**

Prerequisite: None  
Hours: 27 hours LEC

This course is an overview of the steps involved in importing a product or service from beginning to end. Course includes an introduction to the United States Customs Service, what customs brokers do, duty rate structure and determination, basic laws affecting imports, currency exchange and letters of credit. Practical advice about storage and transportation of shipments after they have cleared customs will also be shared.

**MKT 295 INDEPENDENT STUDIES IN MARKETING 1-3 UNITS**

Prerequisite: None  
Hours: 18 hours LEC ; 54 hours LAB

**MKT 299 EXPERIMENTAL OFFERING IN MARKETING .5-4 UNITS**

Prerequisite: None  
Hours: 18 hours LEC ; 54 hours LAB

**MKT 300 PRINCIPLES OF MARKETING 3 UNITS**

Prerequisite: None  
Course Transferable to CSU  
Hours: 54 hours LEC

This course is 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. Elements of the marketing environment such as government regulation, environmental protection, competition, and consumer behavior will be analyzed.

**MKT 310 SELLING PROFESSIONALLY 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course shows the importance of good selling techniques and the personal qualifications required for effective selling. It emphasizes the development of a business personality and its application to the approach direction, and closing of a sale. It also examines various kinds of selling experience: direct, industrial, wholesale and retail. This course is recommended for men and women preparing for various technical fields as well as all business majors.

**MKT 312 RETAILING 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

Retailing is a business that provides goods and services to customers for their personal use. This course will study modern retail operations with emphasis on consumer behavior, store location and layout, sourcing of goods, pricing, organization, promotion, management and other pertinent factors of retail operations.

**MKT 314 ADVERTISING 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course is an introduction to the field of advertising, its history, purpose, institutions, and functions. Studies are made of the various media used in general advertising, as well as the effective use of these media. Students will produce ads and advertising campaigns.

**MKT 330 INTERNET MARKETING 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to provide both the novice and skilled business person with a working knowledge of how to use Internet marketing. We will teach students to interact with specialists to devise strategies that build customer relations through technological strategies. These specialists may include network specialists, systems analysts, graphic designers, or web masters. Students will have a good understanding of how this technology can be used to help his/her business be more successful.

**MKT 495 INDEPENDENT STUDIES IN MARKETING 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**MKT 498 WORK EXPERIENCE IN MARKETING 1-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**MKT 499 EXPERIMENTAL OFFERING IN MARKETING .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Mathematics & Statistics

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

## DEGREE A.S.—Mathematics

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. The study of mathematics 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.

### Career Options

Actuary; Architecture; Assessor; Auditor; Biologist; Budget Analyst; Chemist; Controller; Computer Programmer; Demographer; Dentist; Doctor; Economist; Engineering; Epidemiologist; Finance; Mathematician; Operations Researcher; Statistician; Public Opinion Analyst; Surveyor; Systems Analyst; Teacher; Veterinary Science

Most of these careers require education beyond the two-year college level.

### Highlights

A professional and innovative staff committed to providing the best possible mathematics education

A comprehensive mathematics curriculum addressing the needs of both the transfer student and the non-transfer student

A program that uses assessment for proper placement of students

## DEGREE

### A.S.—Mathematics

This degree is designed to meet common lower division requirements for a major in mathematics.

REQUIRED PROGRAM	Units
MATH 400 (9A) Analytic Geometry and Calculus I	5
MATH 401 (9B) Analytic Geometry and Calculus II	5
MATH 402 (9C) Analytic Geometry and Calculus III	5
MATH 420 (11) Differential Equations	4
MATH 410 (35) Linear Algebra	3
Plus select one of the following courses:	3-4
CISP 360 (CIS 32A) Introduction to Structured Programming (4)	
CISP 370 (CIS 38) Beginning Visual BASIC (4)	
<b>TOTAL UNITS REQUIRED</b>	<b>25-26</b>

Associate of Science Degree (A.S.) may be obtained by completion of the Required Program, plus General Education requirements, plus sufficient electives to meet a 60-unit total.

## Mathematics (MATH)

### MATH 20 ARITHMETIC 5 UNITS

Prerequisite: None

Hours: 90 hours LEC

This course provides instruction in the fundamentals of arithmetic with emphasis on computational skills. Topics include whole numbers, fractions, decimals, percents, ratios, proportions, problem solving, and applications.

### MATH 30 PRE-ALGEBRA MATHEMATICS 5 UNITS

Prerequisite: MATH 20 or 22, or qualifying through the assessment process. Grade of "C" or better required to meet prerequisite.

Hours: 90 hours LEC

This course in pre-algebra mathematics emphasizes fundamental operations on integers and decimals as well as in geometric figures, measurement, and algebra. Topics include: fractions; decimals; signed numbers; properties of exponents; scientific notation; conversions; metric system; square and cube roots; formula evaluation; solving equations; ratios; proportions; algebraic manipulations; descriptive statistics; rectangular coordinate system; elementary calculator use.

### MATH 81 ACADEMIC SKILLS IN MATHEMATICS 0.25-2 UNITS

Prerequisite: None

Hours: 108 hours LAB

This course is designed for students concurrently enrolled in MATH 20, 30, 100, 112, or 120; placement can be made through student request or instructor recommendation. This laboratory course provides assistance in math skills to students enrolled in a non-transferable mathematics course. Students may enter the course at any time during the first 12 weeks of the semester and earn .25 to 2 units. Students may take the course up to four times for credit, earning a maximum of eight units. This course is graded on a credit/no-credit basis. MATH 81 is recommended for students who are encountering difficulties in the areas of math anxiety, basic skills, algebraic concepts or manipulation, graphing, problem solving, or who have been identified as at-risk or needing additional support to succeed in their math course.

### MATH 82 ACADEMIC SKILLS IN MATHEMATICS 0.25 - 2 UNITS

Prerequisite: None.

Hours: 13.5 - 108 hours laboratory

Description: This course is designed for students concurrently enrolled in Math 300, Math 310, Math 335, Math 341, Math 343, Math 344, Math 350, Math 351, Math 370, Math 400, Math 401, Math 402, Math 410, Math 420 or Stat 300. This laboratory course provides assistance to students enrolled in transferable mathematics or statistics courses. Students may enter the course any time during the first twelve weeks of the semester and earn 0.25 to 2 units. This course is graded on a credit/no credit basis. Math 82 is recommended for students who are encountering difficulties in the areas of math anxiety, algebraic concepts, graphing, statistics, problem-solving, functions, etc.

### MATH 100 ELEMENTARY ALGEBRA 5 UNITS

Prerequisite: MATH 30 or equivalent skills demonstrated through the assessment process. Grade of "C" or better required to meet prerequisite.

Hours: 90 hours LEC

This course presents the fundamental concepts and operations of algebra with problem solving skills emphasized throughout. Topics include: properties of real numbers, linear equations and inequalities, integer exponents, polynomials, factoring polynomials, rational expressions and equations, radical expressions and equations, rational exponents, systems of linear equations and inequalities, the rectangular coordinate system, graphs and equations of lines, and solving quadratic equations.

**MATH 112 ELEMENTARY GEOMETRY 3 UNITS**

Prerequisite: MATH 100 or 102 or equivalent skills demonstrated through the assessment process. Grade of "C" or better required to meet prerequisite.

Hours: 54 hours LEC

This course introduces Euclidean geometry. Topics include the axiomatic system, deductive and inductive reasoning, proof, triangles, quadrilaterals, congruence, similarity, constructions, the Pythagorean Theorem, area, and volume.

**MATH 120 INTERMEDIATE ALGEBRA 5 UNITS**

Prerequisite: MATH 100 or 102, or eligibility as determined by the assessment process. Grade of "C" or better required to meet prerequisite.

Hours: 90 hours LEC

This course reviews and extends the concepts of elementary algebra with problem solving skills emphasized throughout. Topics which are reviewed and extended include: linear and quadratic equations, factoring polynomials, rational expressions, exponents, radicals, equations of lines, and systems of equations. New topics include: graphs and their translations and reflections, functions, exponential and logarithmic functions, graphs of quadratic and simple polynomial functions, nonlinear systems of equations, quadratic inequalities, and an introduction to graph of circles.

**MATH 295 INDEPENDENT STUDIES IN MATHEMATICS 1-3 UNITS**

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

**MATH 299 EXPERIMENTAL OFFERING IN MATHEMATICS .5-4 UNITS**

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

**MATH 300 INTRODUCTION TO MATHEMATICAL IDEAS 3 UNITS**

Prerequisite: MATH 120 or 125, or eligibility as determined by the assessment process. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

This is a general survey of mathematical ideas and mathematical systems, designed to make fundamental mathematical concepts and processes more meaningful to the general student. Course content includes numeration systems, logic, geometry, probability, combinatorics, statistics, and logic. Additional topics will be selected from algebraic modeling, set theory, number theory, and trigonometry.

**MATH 310 MATHEMATICAL DISCOVERY 3 UNITS**

Prerequisite: MATH 112 or Geometry AND MATH 120 or 125, or eligibility as determined by the assessment process. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to introduce students to the spirit 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 335 TRIGONOMETRY WITH COLLEGE ALGEBRA 5 UNITS**

Prerequisite: MATH 112 or Geometry AND MATH 120, or eligibility as determined by the assessment process. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 90 hours LEC

This is a full trigonometry course with algebra concepts reviewed, extended, and integrated when they are relevant to the trigonometric concepts. The trigonometric topics include right triangle trigonometry, unit circle trigonometry, graphs of trigonometric functions, proofs of trigonometric identities, solving trigonometric equations, applications of trigonometric functions (law of sines and cosines), and inverse trigonometric functions. The algebra topics include exponential and logarithmic functions, complex numbers, conic sections, the polar coordinate system, and solving equations, inequalities, and systems of equations.

**MATH 341 CALCULUS FOR BUSINESS AND ECONOMICS 4 UNITS**

Prerequisite: MATH 120 or 125, or eligibility as determined by the assessment process. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course offers an introduction to the concepts and techniques of sets, functions, limits, analytic geometry and the differential and integral calculus. This course is intended for business students; it is not recommended for mathematics and physical science majors.

**MATH 343 Modern Business Mathematics 4 Units**

Prerequisite: MATH 120 or 125, or eligibility as determined by the assessment process. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 72 hours LEC

This course is designed around applications of mathematics in an economic and business context. The major topics included are function, 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.

**MATH 344 FINITE MATH 3 UNITS**

Prerequisite: MATH 120 or MATH 125, or equivalent skills demonstrated through the assessment process. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Topics covered in this course include set theory, matrix algebra, simplex method of linear programming, Markov process, game theory, mathematics of finance including present value and annuities, and probability and statistics with application in the field of business, social science and biological sciences.

**MATH 350 CALCULUS FOR THE LIFE AND SOCIAL SCIENCES I 3 UNITS**

Prerequisite: MATH 335 or equivalent skills demonstrated through the assessment process. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to calculus. Topics include functions, trigonometric functions, limits, analytic geometry, and differential calculus with applications to business, social, and biological sciences. This course is intended for students majoring in social and biological sciences.

**MATH 351 CALCULUS FOR THE LIFE AND SOCIAL SCIENCES II 3 UNITS**

Prerequisite: MATH 350. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a continuation of MATH 350. Topics include: definite and indefinite integrals, power series, analytic geometry, multivariate calculus, and differential equations with applications to business, social, and biological sciences. Not open to students who have received credit for MATH 401 or higher level mathematics course.

**MATH 370 PRE-CALCULUS MATHEMATICS 5 UNITS**

Prerequisite: MATH 335 or equivalent skills demonstrated through the assessment process. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 90 hours LEC

This course is designed to prepare students for calculus, MATH 400, 401 and 402. Course content includes a brief review followed by an in-depth extension of the properties of polynomial, rational, exponential, logarithmic and trigonometric functions. Additional topics include systems of linear and non-linear equations and inequalities, conic sections, sequences and series, the binomial theorem, analytic geometry, vectors, parametric, and polar equations. A graphing calculator may be required for this course.

**MATH 400 ANALYTIC GEOMETRY AND CALCULUS I 5 UNITS**

Prerequisite: MATH 370, or eligibility as determined by the assessment process. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 90 hours LEC

This course explores the basic concepts of analytic geometry, limits, derivatives, and integrals. Topics covered will include the graphs, derivatives, and integrals of algebraic, trigonometric, exponential, logarithmic, and hyperbolic functions, and indeterminate forms. Many applications will be covered, including those involving rectilinear motion, differentials, related rates, graphing, and optimization.

**MATH 401 ANALYTIC GEOMETRY AND CALCULUS II 5 UNITS**

Prerequisite: MATH 400. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 90 hours LEC

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.

**MATH 402 ANALYTIC GEOMETRY AND CALCULUS III 5 UNITS**

Prerequisite: MATH 401. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 90 hours LEC

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 the calculus will be included.

**MATH 410 INTRODUCTION TO LINEAR ALGEBRA 3 UNITS**

Prerequisite: MATH 400. Grade of "C" or better required to meet prerequisite.

Advisory: MATH 402 (may be taken concurrently).

Course Transferable to UC/CSU

Hours: 54 hours LEC

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 4 UNITS**

Prerequisite: MATH 401. Grade of "C" or better required to meet prerequisite.

Advisory: MATH 402 (May be taken concurrently).

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course will cover the theory and the applications of the solutions of ordinary differential equations and systems of ordinary differential equations. The course will introduce students to various topics useful in the solution of these differential equations including power series, Laplace transforms, matrices, eigenvalues and eigenvectors, and numerical methods.

**MATH 495 INDEPENDENT STUDIES IN MATHEMATICS 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**MATH 499 EXPERIMENTAL OFFERING IN MATHEMATICS .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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## Statistics (STAT)

**STAT 300 INTRODUCTION TO PROBABILITY AND STATISTICS 4 UNITS**

Prerequisite: MATH 120 or 125 or equivalent skills demonstrated through the assessment process. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course is an introduction to probability and statistics. Topics include: elementary principles and applications of descriptive statistics, counting principles, elementary probability principles, probability distributions, estimation of parameters, hypothesis testing, linear regression and correlation, and ANOVA. Scientific calculators with two-variable statistics capabilities may be required.

**STAT 495 INDEPENDENT STUDIES IN STATISTICS 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**STAT 499 EXPERIMENTAL OFFERING IN STATISTICS .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Music

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

The Folsom Lake College music program includes vocal and instrumental components as well as courses on music, and music history. The program 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.

## Career Options

Music Education; Public and Private Teaching; Vocal Performance; Instrumental Performance; Music Store Employment & Management; Church Music Direction; Composer

Some career options may require more than two years of college study. Classes beyond the associate degree may be required to fulfill some career options or for preparation for transfer to a university program.

## Highlights

Various avenues for vocal performance—college chorus, choir, chamber singers.

A very talented and highly motivated staff

## MUFHL 400 MUSIC THEORY 4 UNITS

Prerequisite: MUFHL 321 with a grade of "C" or better.

Corequisite: MUIVI 345 (May be taken previously). Grade of "C" or better required to meet corequisite. Advisory: MUIVI 345; Students should have some ability to play a musical instrument and read music. Concurrent enrollment in MUIVI 345 is recommended if the student has had no piano study.

Course Transferable to CSU; UC pending

Hours: 54 hours LEC ; 54 hours LAB

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 be included to provide students with experience in the application of materials learned in class.

## MUFHL 401 MUSIC THEORY 4 UNITS

Prerequisite: MUFHL 400 with a grade of "C" or better.

Corequisite: MUIVI 341

Course Transferable to CSU; UC pending

Hours: 54 hours LEC ; 54 hours LAB

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.

## MUFHL 495 INDEPENDENT STUDIES IN MUSIC FUNDAMENTALS/HISTORY AND LITERATURE 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## MUFHL 499 EXPERIMENTAL OFFERING IN MUSIC FUNDAMENTALS/HISTORY AND LITERATURE .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## Music - Fundamentals, History & Literature (MUFHL)

### MUFHL 300 INTRODUCTION TO MUSIC 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

Learning to listen to and understand the music of many historic periods and cultures through the features they share: sound sources, time frame, rhythm and meter, pitch, and structure. Designed for the student with no previous musical study.

### MUFHL 310 SURVEY OF MUSIC HISTORY AND LITERATURE 3 UNITS

Prerequisite: None

Course Transferable to CSU; UC pending

Hours: 54 hours LEC

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 particularly interested in the humanities and the arts.

### MUFHL 321 BASIC MUSICIANSHIP 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

Learning to read and understand (visually, aurally, and kinesthetically) rhythmic, melodic, and harmonic notation, texture and form through keyboard and/or other instruments including voice as a window to music literacy and creativity. Recommended for students with limited musical experience.

### MUFHL 330 WORLD MUSIC 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

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, in which 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 led to the urban, professional music popular in many countries today known as "World Beat." Music of the Americas, Africa, Asia, Australasia and Europe will be covered.

## Music - Instrumental/Voice Instruction (MUIVI)

### MUIVI 310 VOICE CLASS 2 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 18 hours LAB

Training in the correct use of the singing voice, vocal techniques, and repertoire. Required for vocal majors, but open to all students desiring to begin the study of voice.

### MUIVI 311 VOICE CLASS 2 UNITS

Prerequisite: MUIVI 310. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 18 hours LAB

Training in the correct use of the singing voice, vocal techniques, and repertoire. Required for vocal majors, but open to all students desiring the study of voice. Students may wish to challenge the prerequisite on the basis of equivalent experience.

### MUIVI 320 VOICE CLASS, INTERMEDIATE 2 UNITS

Prerequisite: MUIVI 311. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 18 hours LAB

Vocal exercise and intellectual analysis for the development of efficient singing technique and skill in performing vocal literature. Performance in class and in recital is essential. Required for vocal majors. Students may wish to challenge the prerequisite on the basis of equivalent experience.

**MUIVI 321 VOICE CLASS, INTERMEDIATE 2 UNITS**

Prerequisite: MUIVI 320. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 18 hours LAB

Practical application of proper singing techniques with emphasis on English and Italian diction, and English and Italian literature. Performance in class and in recital is essential. Required for vocal majors. Students may wish to challenge the prerequisite on the basis of equivalent experience.

**MUIVI 370 BEGINNING GUITAR 2 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 18 hours LAB

Beginning instruction on the guitar with emphasis on the fundamentals of music as well as basic guitar chord technique and accompaniment figurations.

**MUIVI 371 INTERMEDIATE GUITAR 2 UNITS**

Prerequisite: MUIVI 370. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 18 hours LAB

A continuation of MUIVI 370 with emphasis on increased skills in chording, arpeggiation, accompaniment, improvisation, melodic reading, and development of personal style. Students may wish to challenge the prerequisite on the basis of equivalent experience.

**MUIVI 410 APPLIED MUSIC 1 UNIT**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 18 hours LEC

This course involves off-campus instrumental or vocal study requiring a minimum of one-half hour per week of individual study with a private instructor (at student's expense) for a minimum of 18 weeks. The course meets one hour per week on campus for instruction and performance. The course may be taken four times for credit.

**MUIVI 495 INDEPENDENT STUDIES IN MUSIC/INSTRUMENTAL/VOICE INSTRUCTION .5-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 162 hours LAB

Independent study designed to provide instrumental training not offered in other music courses. Components of the course may include private or group instructions, solo and ensemble work, accompanying experience, and programmed learning in music fundamentals and music technology. Also for students interested in developing tutorial and/or instructional 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 .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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**Music - Performance (MUP)****MUP 350 COLLEGE CHOIR 2 UNITS**

Prerequisite: MUP 357. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 72 hours LAB

Study and performance of standard vocal literature from 16th century to modern period. Students are urged to enter during the freshman year. The course is not limited to music majors and is open to all qualified students. Public performances required. May be taken four times for credit. Students may wish to challenge the prerequisite on the basis of equivalent experience.

**MUP 357 COLLEGE CHORUS 2 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

Designed for the college student who is interested in a musical experience. Study and performance of standard choral literature. An all-college group. Public performances required. Musical background is not necessary. May be taken four times for credit.

**MUP 495 INDEPENDENT STUDIES IN MUSIC PERFORMANCE 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**MUP 499 EXPERIMENTAL OFFERING IN MUSIC PERFORMANCE .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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**Specializations in Music (MUSM)****MUSM 334 INTRODUCTION TO MUSICAL INSTRUMENT DIGITAL INTERFACE (MIDI) 2 UNITS**

Prerequisite: None

Advisory: MUFHL 310 or MUIVI 310.

Course Transferable to CSU

Hours: 9 hours LEC ; 81 hours LAB

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 370 MUSIC FOR CHILDREN 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

Experiences and materials for integrating music into pre-school, elementary, and recreational programs. Recommended for elementary and early childhood credential candidates, recreation leaders, and others who use music with children. Required for Teacher Assistant Program. (See Early Childhood Education)

**MUSM 495 INDEPENDENT STUDIES IN MUSIC SPECIALIZATIONS IN MUSIC 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**MUSM 499 EXPERIMENTAL OFFERING IN MUSIC SPECIALIZATIONS IN MUSIC .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Natural Resources

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

This program offers a study of introductory ecology and natural resource courses. The need to understand and preserve our natural resources is becoming greater every year. This general education coursework prepares students to have a greater awareness and appreciation of the natural world around them and the threats posed by human actions.

## Career Options

Naturalist/Interpreter; Forest Technician; Wildlife Technician; Restoration Ecologist; Park Ranger; Environmental Educator; Science Writer

Some career options may require more than two years of college study. Classes beyond the associate degree may be required to fulfill some career options or for preparation for transfer to a university program.

## Highlights

Hands-on field experience in wildlife and ecological sampling techniques  
Working with wildlife, ecology and forestry professionals in the field

# Nutrition & Foods

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Folsom Lake College's courses provides basic understanding of nutritional needs and is designed to serve the needs of Nursing or other students interested in pursuing a course of student in the Dietetic or Nutrition field.

## Career Options

Hospitals/nursing homes; school food services, other health related facilities; college food service; industry; restaurant; public health agencies; nutrition program; WIC programs; Meals on Wheels; Health clubs; weight management clinic; community wellness centers; food companies; contract food management companies; food distribution companies

Some career options may require more than two years of college study. Classes beyond the associate degree may be required to fulfill some career options or for preparation for transfer to a university program.

## Highlight

Online courses

## Natural Resources (NATR)

### NATR 302 INTRODUCTION TO WILDLIFE BIOLOGY 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is an introduction to Wildlife Biology and the basic principles and techniques related to the practice of Wildlife Management. Emphasis is based on ecological principles of populations and communities as they relate to the interdependence of wildlife and human populations. This course includes the discussion of the social, political and biological implications of Wildlife Management. Additionally, this course includes habitat and population sampling, radio telemetry, and the development of a wildlife management plan. Field trips are required.

### NATR 304 INTRODUCTION TO FORESTRY 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This introductory course covers the basic biological and physical science concepts important to a general understanding in forestry. Topics include forest history, forests of the United States, general tree taxonomy, forest ecology, soils, silviculture, insects, and diseases of forest trees, role of fire in forest management, forest measurements, multiple use management, forest issues and policies. Field trips are required.

### NATR 320 PRINCIPLES OF ECOLOGY 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course covers the basic principles of ecology, including the physical and biological factors of different environments in relation to the distribution of plants and animals. Emphasis will be on the management of ecosystems using ecological principles and the understanding of current ecological issues. Field trips are required.

### NATR 495 INDEPENDENT STUDIES IN NATURAL RESOURCES 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## Nutrition (NUTRI)

### NUTRI 300 NUTRITION 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course includes the basic principles of nutrition, sources and functions of the nutrients in all stages of the life cycle, nutrition as a world problem, and consumer problems related to food. The course will emphasize topics such as weight loss, sports nutrition, food safety, the diet-disease relationship, global nutrition and analysis of special nutritional requirements and needs during the life cycle, among others. An evaluation of personal dietary habits using current dietary guidelines and nutritional assessment methods will also be completed to help students access their own nutritional health.

### NUTRI 320 CHILDREN'S HEALTH, SAFETY AND NUTRITION 3 UNITS

Prerequisite: None

Advisory: NUTRI 300.

Course Transferable to CSU

Hours: 54 hours LEC

Basic nutritional, health and safety needs of children from the prenatal period through school age. Identification of nutrients in food as they affect physical and mental development. Emphasis on improving the nutritional status of children. Preparations of visual aids and projects relating to children's nutrition, health and safety. Not open to students who have received credit for ECE 415.

### NUTRI 495 INDEPENDENT STUDIES IN NUTRITION & FOODS 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Philosophy

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Philosophy is the logical examination of the fundamental issues people have pondered for over 2500 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? Philosophy courses are directed toward understanding these questions in their historical and cultural contexts and applying insights to contemporary life. Rigorous philosophical study will improve one's critical thinking skills.

## Career Options

Education; Ethics; Management; Law; Government; Publishing; Religious Service; Scientific Research; Social Work; Teaching; All Human Service Careers

Some career options may require more than two years of college study.

## Highlights

Dedicated and enthusiastic instructional staff with expertise in critical thinking and ethics

Excellent transfer preparation by emphasizing critical writing and reading

Examination of traditional philosophical issues

## PHIL 325 SYMBOLIC LOGIC 3 UNITS

Prerequisite: None  
Course Transferable to CSU; UC pending  
Hours: 54 hours LEC

This course introduces students to the nature of deductive systems of logic and their application. Students will study approaches to argumentation and methods of formal proof, and they will learn to evaluate argumentative forms for validity and soundness. The symbolic-analytic focus recommends the course to students in the sciences, computer programming, mathematics, linguistics, law, and philosophy.

## PHIL 328 CRITICAL REASONING AND COMPOSITION 3 UNITS

Prerequisite: ENGWR 300. Grade of "C" or better required to meet prerequisite.  
Course Transferable to UC/CSU  
Hours: 54 hours LEC

Instruction in critical thinking, including traditional logic, and in advanced composition. A series of writing assignments will focus on increasing the sophistication of argumentative essay skills. Essays shall be evaluated for their quality in both critical thinking and composition. Theoretical models of critical thinking and composition shall be applied to academic fields and textbooks, electronic and print media, advertisements, ethics, politics, and multi-cultural issues.

## PHIL 330 HISTORY OF CLASSICAL PHILOSOPHY 3 UNITS

Prerequisite: None  
Course Transferable to UC/CSU  
Hours: 54 hours LEC

This course is a survey of the origin and development of Western Philosophy from the period of the ancient Greeks and Romans, and continuing through the Middle Ages. This course is especially recommended for all philosophy, history and humanities majors

## PHIL 331 HISTORY OF MODERN PHILOSOPHY 3 UNITS

Prerequisite: None  
Course Transferable to UC/CSU  
Hours: 54 hours LEC

This course is a survey of the development of Western Philosophy from the period of the Renaissance through the period of modern Europe and America. This course is especially recommended for all philosophy, history and humanities majors.

## PHIL 338 CONTEMPORARY PHILOSOPHY 3 UNITS

Prerequisite: None  
Course Transferable to UC/CSU  
Hours: 54 hours LEC

A comprehensive study of the basic ideas of pragmatists, twentieth century metaphysicians, philosophers of language, and existentialists. Special attention will be given to relevance of their ideas to modern life.

## PHIL 350 PHILOSOPHY OF RELIGION 3 UNITS

Prerequisite: None  
Course Transferable to UC/CSU  
Hours: 54 hours LEC

A historical and topical survey of the questions, problems, and theories philosophers have developed in attempts to understand religion as a fundamental impulse within human experience and as a major cultural force. Rather than survey the different religions, this course considers the basic philosophical beliefs and concepts that seem auxiliary to religion. Topics explored include: the possibility of religious knowledge, faith versus reason, theistic arguments, conceptions of God, religious language, atheism, agnosticism, mysticism, the problem of evil, immortality, the challenge of science, and religion's influence on ethics and politics.

## Philosophy (PHIL)

### PHIL 300 INTRODUCTION TO PHILOSOPHY 3 UNITS

Prerequisite: None  
Course Transferable to UC/CSU  
Hours: 54 hours LEC

This course will focus on critical thinking techniques and apply them to the following philosophical areas: metaphilosophy, theory of knowledge, metaphysics, ethics, political philosophy, and philosophy of religion. In applying critical thinking techniques to philosophical problems, students are encouraged to develop their own philosophical perspective and world view. The quality and quantity of the courses required writing will reflect the standards of a second semester composition course.

### PHIL 304 INTRODUCTION TO EASTERN PHILOSOPHY 3 UNITS

Prerequisite: None  
Course Transferable to UC/CSU  
Hours: 54 hours LEC

This course provides an introduction to the philosophical traditions of Hinduism, Buddhism, Taoism and Confucianism focusing on metaphysics, epistemology, and ethics.

### PHIL 310 INTRODUCTION TO ETHICS 3 UNITS

Prerequisite: None  
Course Transferable to UC/CSU  
Hours: 54 hours LEC

The application of theories developed by traditional and contemporary moral philosophy to the ethical problems, dilemmas, and issues of today.

### PHIL 320 LOGIC AND CRITICAL REASONING 3 UNITS

Prerequisite: None  
Course Transferable to UC/CSU  
Hours: 54 hours LEC

An introduction to basic principles and frameworks of logic and critical thinking appropriately used in argument analysis: deduction, induction, fallacy recognition. Emphasis on developing analytical skills and applying principles of good reasoning to the arguments encountered in life. Argument topics from academic fields and textbooks, the electronic and print media, advertisements, politics and ethics may be considered. The quality and quantity of the course's required writing will reflect the standards of a second semester composition course.

**PHIL 352 INTRODUCTION TO WORLD RELIGIONS 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course will introduce students to the major world religious traditions, including indigenous sacred ways, 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 considered is the influence of world religions in contemporary United States society, focusing on ethnicity, ethnocentrism, racism, ageism, class differences, and gender issues.

**PHIL 356 INTRODUCTION TO THE BIBLE 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course surveys the literary, historical, ethical, theological and philosophical themes of the Bible. Students will read extensive passages from the Hebrew and Christian Scriptures with special focus on text criticism, the development of Monotheism, the social justice tradition of the Prophets, the Gospels and the "Jesus Problem," and the early development of the Christian Church.

**PHIL 360 PHILOSOPHY OF SOCIAL SCIENCES 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

A historical, methodological, and topical survey of significant themes of social and political philosophy from Plato to our present times: authority, freedom, government, justice, law, rights, society and the state.

**PHIL 495 INDEPENDENT STUDIES IN PHILOSOPHY 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 3 hours LAB

**PHIL 499 EXPERIMENTAL OFFERING IN PHILOSOPHY .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Photography

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

The Folsom Lake College Photography program is designed to teach skills for entry-level positions in the photographic industry or for advanced students wishing more specialized skills. This program will also be of value to the student interested in photography as an avocation or an adjunct to a vocation.

## Career Options

Commercial Illustration and Advertising; Portrait & Wedding Photography; Photographic Lab Technician; Photojournalism; Industrial Photography; Fashion & Glamour Photography; Architectural Photography

Some career options may require more than two years of college study. Classes beyond the associate degree may be required to fulfill some career options or for preparation for transfer to a university program.

## Highlights

Digital Imaging

Digital Printer

Field Trips to a variety of photographic venues in the Sacramento, Bay Area, and Yosemite/Eastern Sierras

## Photography (PHOTO)

### PHOTO 262 THE EASTERN SIERRA LANDSCAPE, MONO LAKE BASIN 2 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

This course is designed to give students an opportunity to study topics not included in current course offerings. Students will participate in a landscape photography workshop in the Eastern Sierra emphasizing the Mono Lake Basin. The course will include a variety of topics including black and white, infrared, color slide and negative, large format and low light photography. Students will be responsible for their own food, accommodations and photographic materials. Field trip fees may be applied to offset travel and accommodations. This course may be taken two times for credit.

### PHOTO 294 TOPICS IN PHOTOGRAPHY .5-4 UNITS

Prerequisite: None

Hours: 36 hours LEC ; 54 hours LAB

### PHOTO 295 INDEPENDENT STUDIES IN PHOTOGRAPHY 1-3 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

### PHOTO 299 EXPERIMENTAL OFFERING IN PHOTOGRAPHY .5-4 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

### PHOTO 300 PHOTOGRAPHY - ITS INFLUENCE IN CONTEMPORARY SOCIETY 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 18 hours LEC

A survey course of important historical and contemporary photographers, designed to expose the student to various fields of photography. In our society, we are overwhelmed by visual information of all kinds. This course intends to increase visual literacy. The format of the class includes: slide presentations, discussions, written tests and a paper.

### PHOTO 301 BEGINNING PHOTOGRAPHY 3 UNITS

Prerequisite: None

Corequisite: PHOTO 300 (may be taken previously). Grade of "C" or better required to meet corequisite.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

A course combining lectures and hands-on experience in black and white photography. Instruction includes camera function, exposure control, film processing, enlarging prints, low light photography, and print finishing. Creative control and elements of composition will also be stressed. The format of the class includes lectures, slide presentations, lab time, written tests and a portfolio. Students may wish to challenge the prerequisite on the basis of equivalent experience. A lab fee is charged for all studio classes.

### PHOTO 400 DIGITAL IMAGING 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This is an introductory course in digital imaging and electronic desktop photography. Methods currently used in publishing will be emphasized. The class includes lectures, use of computers and scanners, slide presentations, occasional off-campus class meetings, and preparation of a notebook and a digital portfolio. A fee is charged for digital printing.

### PHOTO 410 ADVANCED DIGITAL IMAGING 3 UNITS

Prerequisite: PHOTO 400. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is an advanced study of digital imaging and related software programs. Methods currently used in publishing will be emphasized. 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 multi-media and visit various local businesses. A fee is charged for digital printing.

### PHOTO 425 FILM HISTORY 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

An introduction to the art of motion pictures, using both lectures and films. Students will study briefly the history of motion pictures and will view, evaluate, and critique films that are landmarks in the art of movie making. Not open to students who have received credit for CMED 305.

### PHOTO 495 INDEPENDENT STUDIES IN PHOTOGRAPHY 1-3 UNITS

Prerequisite: PHOTO 310. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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.

### PHOTO 498 WORK EXPERIENCE IN PHOTOGRAPHY 1-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### PHOTO 499 Experimental Offering in Photography .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Physical Education

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

The Folsom Lake College Physical Education program offers a variety of classes including: step aerobics, weight training, fitness kickboxing, social dance, yoga, tennis, golf, aqua aerobics, swimming, tai chi, and martial arts. These courses are designed not only to enhance physical conditioning, but to stimulate students' intellectual growth as well. FLC's Physical Education Department offers many university level transfer courses to accommodate students pursuing a four-year degree. Some requirements tend to vary from college to college. For specific requirements, students should refer to a catalog from the transfer institution of their choice. Students are also advised to see a counselor before selecting the courses best aligned with their transfer institution.

## Career Options

Physical education teacher; group exercise instructor; personal trainer; corporate fitness director; wellness coordinator; coach; athletic trainer; physical therapist aide; recreational supervisor.

Most career options require a Bachelor's degree. Classes beyond the Associate Degree may be required for transfer to a University program.

## Highlights

The Physical Education curriculum offers a wide variety of courses to accommodate varying fitness levels and age groups. Full service group exercise facilities and weight room are available.

## PHYSICAL EDUCATION

All activity classes are open to both men and women unless noted within the course title. Students may be concurrently enrolled in more than one physical education activity class; however, no more than two of the same physical education activity classes may be taken by a student in the same semester. Some four-year colleges and universities limit the number of physical education units they will accept toward the baccalaureate degree. Students should check the appropriate catalog. The prefixes DANCE, FITNESS, PACT, and PET refer to courses that may be used to satisfy the physical education graduation requirement.

Activity courses may be taken up to four times in each activity area, unless otherwise identified (e.g. four Tennis, four Aerobics, four Weight Training, etc.).

## DANCE 310 JAZZ DANCE 1 UNIT

Prerequisite: None

Course Transferable to CSU; UC pending

Hours: 54 hours LAB

This physical education course covers barre and center floor warm-ups, exercises, jazz techniques, isolations, walks and turns. This course explores variation of styles in ethnic, lyrical and modern given in combinations and offers students the opportunity for exploration and improvisation using jazz steps learned in class. This course may be taken four times.

## DANCE 311 URBAN HIP HOP 1 UNIT

Prerequisite: None

Course Transferable to CSU; UC pending

Hours: 54 hours LAB

This course will introduce students to the elements of urban Hip Hop dance style and culture. Conditioning exercises and drills will be incorporated to develop the physical skills and capacities necessary to execute more advanced movements. 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 history and evolution of hip hop dance will also be examined with emphasis placed on the positive message that Hip Hop brings to today's society. No previous dance experience is necessary. This course may be taken four times for credit.

## DANCE 320 BALLET 1 UNIT

Prerequisite: None

Course Transferable to CSU; UC pending

Hours: 54 hours LAB

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, speed, strength and balance. Students will develop a ballet movement vocabulary and will be able to apply ballet terminology appropriately. Students will also gain an understanding of the historical and traditional foundations of ballet and learn to appreciate ballet as a movement theory and art form.

## DANCE 330 MODERN DANCE 1 UNIT

Prerequisite: None

Course Transferable to CSU; UC pending

Hours: 54 hours LAB

Modern Dance is designed to teach the fundamentals of modern dance movement vocabulary and instill an appreciation of modern dance as an art form. 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.

## DANCE 340 SOCIAL DANCE 1 UNIT

Prerequisite: None

Course Transferable to CSU; UC pending

Hours: 54 hours LAB

Social dance offers instruction in basic steps, style, and rhythms of social dance. The dance steps presented will include the American waltz, fox trot, east coast swing, rumba, cha-cha, salsa, tango, samba, night club 2-step, merengue, hustle, and west coast swing. This course may be taken four times for credit.

## DANCE 495 INDEPENDENT STUDIES IN DANCE 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## DANCE 499 EXPERIMENTAL OFFERING IN DANCE .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## Physical Education - Dance (DANCE)

### DANCE 302 AFRICAN DANCE 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course will include basic movements from several African styles of dance, such as Western African, Afro-Caribbean, and Congolese. Classes will consist of beginning level warm-ups, across the floor and center combination movements, and stretching. There will be an opportunity for in class choreography and performance. This course may be taken four times for credit

## Physical Education - Fitness (FITNS)

### FITNS 300 AEROBICS 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

This physical education course is an activity class designed to help students gain an understanding of how to develop overall physical fitness. This course involves calisthenics, floor exercises, aerobic activity and strength development. This course may be taken four times.

### FITNS 306 AEROBICS: CARDIO-KICKBOXING 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

Cardio-Kickboxing is a cardiovascular workout utilizing kicks, punches, calisthenics and rope jumping to elevate these self defense techniques on Wavemasters and focus mitts to improve accuracy and provide resistance for the muscles. Specific strengthening and stretching exercises will also be included in this class. This course may be taken four times for credit.

### FITNS 308 STEP AEROBICS 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

Step aerobics is a low impact cardiovascular workout that involves stepping up and down from an adjustable platform to music. Resistive exercises, floor work, and stretching will also be included in this class. This class may be taken four times for credit.

### FITNS 310 AQUA AEROBICS 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

Aqua aerobics is designed to utilize the resistance of the water to provide a light impact workout that will develop cardiovascular fitness, muscular endurance, muscular strength, and flexibility. This course will include exercises for shallow water workouts. No swimming skills are needed. This course may be taken four times for credit.

### FITNS 316 LAP SWIMMING 1 UNIT

Prerequisite: Students must be able to swim 100 yards of freestyle with proficient breathing to the side, 50 yards of backstroke, and 50 yards of breaststroke.

Course Transferable to UC/CSU

Hours: 54 hours LAB

This is a swimming class utilizes an overload approach for improving aerobic fitness through lap swimming. This self-paced class will include components for improving cardiovascular fitness, muscular strength and endurance, flexibility, and body composition. Students will be encouraged to enjoy and utilize lap swimming as a viable source for lifetime fitness. This course may be taken four times.

### FITNS 322 FITNESS BALL 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

The fitness ball is a valuable tool for developing core strength, flexibility, and balance. Because of the fitness ball's inherent instability, the effect of traditional strength training exercises is intensified. Students will learn to safely and effectively execute strengthening exercises for all the major muscle groups with and without hand weights, flexibility exercises, and balancing exercises. To build a firm educational foundation for this courses, content may include written exams, discussion of reading assignments, and construction of a fitness ball portfolio. This class may be taken four times for credit. Students will be required to purchase and transport their own fitness ball.

### FITNS 324 MAT PILATES 1 UNIT

Prerequisite: None

Course Transferable to CSU; UC pending

Hours: 54 hours LAB

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 331 BOOT CAMP FITNESS 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

Boot camp fitness is designed to allow students to train and be challenged at a high level. Training exercises performed during this class include jogging, interval training, hill training, and running obstacle courses. The training sessions will also include calisthenic exercises designed to enhance muscular strength and endurance. This class is designed for men and women to train individually, with a partner, or in a team setting. This course may be taken four times.

### FITNS 342 FIRE FITNESS 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This health and fitness course, designed for firefighters, includes physical fitness testing, lectures on health and fitness concepts, nutrition, and stress management. Group and individual workout programs specifically designed for the firefighter will be emphasized.

### FITNS 366 TRAIL HIKING 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course is designed to promote a higher level of physical fitness (cardiovascular strength and endurance, muscular strength and endurance, flexibility, and body leanness) through the outdoor activity of trail hiking. This class will allow the student to enjoy the unique and beautiful backcountry trails of the Sierra and the Sierra foothills. The course will cover planning and preparation (physical conditioning) for hiking the trails, trail safety, injury prevention and treatment, trail etiquette, orienteering, and wilderness survival. This class may be taken four times for credit.

### FITNS 370 LIFETIME WELLNESS 1 UNIT

Prerequisite: None

Course Transferable to CSU; UC pending

Hours: 54 hours LAB

This course offers a low impact, controlled group workout designed for individuals who need to improve mobility, balance and coordination; increase overall fitness and muscle strength; reduce the risk of falls; and enhance functional fitness. Class components include, but are not limited to stretching, walking, chair exercises, strength training utilizing resistance bands and light weights, breathing exercises, Yoga poses and Tai Chi forms. The class is appropriate for students who have been out of physical activity for long periods of time, students with injuries, students with disabilities, students who cannot participate in more vigorous weight bearing activities, and students who need to enhance functional fitness. This course may be taken four times for credit.

### FITNS 381 WEIGHT TRAINING 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

This physical education course is designed to develop fitness through weight training. The class is specifically aimed at muscle group development. This course may be taken four times.

### FITNS 392 YOGA 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

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. This course is suitable for men and women of all ages, fitness levels and abilities. This course may be taken four times for credit.

### FITNS 395 STRETCH 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course in stretching will emphasize flexibility training for increased health and well-being through selected exercises designed to increase range of motion in all the major muscle groups and joints of the body. It is designed to provide an individualized approach to stretching and includes programs to reduce stress and tension, improve coordination, increase range of motion, prevent injuries, and to prepare for further vigorous activity such as sports, dance, martial arts, or work-related movements. This class may be taken four times for credit.

**FITNS 401 WALKING 1 UNIT**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

This fitness walking course is designed to offer students a low impact alternative for cardiovascular conditioning. Students shall receive instruction on the biomechanics of walking, principles of exercise walking, fitness benefits and values of walking, techniques of walking, flexibility training, designing personal walking routines, and monitoring target heart rate zones and calorie expenditure. Students are encouraged to pursue fitness walking as a lifetime fitness activity. This class may be taken four times for credit.

**FITNS 410 KARATE 1 UNIT**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

This class in karate shall introduce the student to beginning skills and movements in stances, blocking, punching and striking, kicking, kata (forms), and self-defense techniques. The course shall include all aspects of karate-specific physical conditioning as well as instruction in the history and traditions, philosophy, etiquette, manners, courtesy, and language of the martial arts. This class may be taken four times for credit.

**FITNS 413 OKINAWAN KOBUDO (WEAPONS) 1 UNIT**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

Okinawan Kobudo is a study of the ancient method of self-defense with weapons, commonly known to be the Bo Staff, Sai, Nunchaku, Tonfa, Kama, and Iyaku. This is a martial arts class which will introduce the student not only to the physical techniques in the use of these historically agricultural tools as weapons, but will provide the student with the historical, philosophical, and cultural aspects of this ancient art of weaponry. Students will also be instructed in the manners, courtesies, discipline, and protocol of the martial arts. This class may be taken four times for credit.

**FITNS 414 TAI CHI 1 UNIT**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course examines concepts applicable to mind-body focus, psycho-kinesic imagination and fluidity of movement. It includes Chi Gong techniques for the maintenance of health and vigor. The course shall underscore techniques of stress management and relaxation response. Taoist, Confucian, and Buddhist concepts shall be surveyed for their psycho-physical applications in Tai Chi, Chi Gong, and the martial arts. This course may be taken four times for credit.

**FITNS 495 INDEPENDENT STUDIES IN FITNESS 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**FITNS 499 EXPERIMENTAL OFFERING IN FITNESS .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

**Physical Education - Personal Activities (PACT)****PACT 300 ARCHERY 1 UNIT**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

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 history of the art and sport of archery, safety and range procedures, determination of eye-dominance, correct shooting form, scoring on official score cards, care and maintenance of archery tackle, fine-tuning equipment for more accurate shooting, use of the mechanical sight, shot refinement, 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. This class may be taken 4 times for credit.

**PACT 320 BOWLING 1 UNIT**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

Bowling covers skills, rules, etiquette and strategies of the game. Beginning bowling develops proficiency in the setup, swing and cadence, footwork, and strike and spare targeting. Intermediate bowling develops refinement of playing skills and strategies. Bowling creates enjoyable, cooperative, and competitive modes of behavior and promotes awareness of physical activity for a healthy mind and spirit. This class may be taken four times for credit.

**PACT 350 GOLF 1 UNIT**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

This golf class shall introduce the student to the basic skills of the game: full swing, chipping, pitching, putting, and sand play. Students shall also be instructed in the design and purpose of the various clubs and equipment, basic rules and etiquette, scoring and score-cards, handicapping, golf course layout, and golf terminology. The course is designed to provide sufficient skills practice and knowledge of game procedure to allow each student to be able to play the game on a regulation golf course and enjoy the game as a lifetime leisure pursuit. This class may be taken four times for credit.

**PACT 357 DISC GOLF 1 UNIT**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course will provide an opportunity for students to fulfill their graduation requirements for physical education while gaining sound education and training in a lifelong physical activity. Disc golf is the fastest growing leisure time sport in America. This course will cover the basics of the game, the equipment used, throwing techniques, rules, course management, etiquette, strategies, and variations of the game. This class may be taken 4 times for credit.

**PACT 390 TENNIS 1 UNIT**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

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 life long health and fitness. This course may be taken four times for credit.

**PACT 495 INDEPENDENT STUDIES IN PERSONAL ACTIVITY 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**PACT 499 EXPERIMENTAL OFFERING IN PERSONAL ACTIVITY .5-4 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 18 hours LEC ; 54 hours LAB

**PET 411 PERSONAL TRAINER CERTIFICATION: PROGRAM DESIGN & INSTRUCTIONAL METHODOLOGY 2 UNITS**

Prerequisite: HEED 312 and PET 410 with grades of "C" or better.  
 Course Transferable to CSU; UC pending  
 Hours: 27 hours LEC ; 27 hours LAB

This course is designed to provide the student with the theoretical knowledge and practical skills needed to prepare for the American Council on Exercise's National Personal Training Certification Examination. Topics include: program design and implementation for both healthy adults and special populations, communication, and teaching techniques, injury prevention and safety, and professional responsibilities.

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## Physical Education - Team Activities (TMACT)

**TMACT 302 SOCCER, OUTDOOR 1 UNIT**

Prerequisite: None  
 Course Transferable to UC/CSU  
 Hours: 54 hours LAB

This course is designed to cover fundamental skills, playing, and strategy used with the game of soccer. The class will cover skills such as dribbling, shielding, passing, the throw in, receiving the ball, the volley, and heading. Additional information will include goalkeeping skills, the rules of play, scoring, and game strategies. The students will have the opportunity to learn and improve soccer skills and participate in organized games. This course may be taken four times for credit.

**TMACT 352 SOFTBALL, SLOW PITCH 1 UNIT**

Prerequisite: None  
 Course Transferable to UC/CSU  
 Hours: 54 hours LAB

Slow pitch softball is a physical education class designed to teach the basic softball skills of throwing, catching, pitching, position play, hitting, baserunning, rules, and strategies. This class is for students who wish to participate in slow pitch softball in a tournament format or to enjoy the game recreationally as a lifetime leisure pursuit. This class may be taken four times for credit.

**TMACT 362 TEAM SPORTS - INTERMEDIATE 1.5 UNITS**

Prerequisite: None  
 Course Transferable to UC/CSU  
 Hours: 18 hours LEC ; 36 hours LAB

This is an activity course designed to emphasize continued knowledge and skill development in team sports (e.g., basketball, soccer, baseball, softball, volleyball). This course may be taken four times for credit.

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## Physical Education - Theory (PET)

**PET 301 PERSONAL WELLNESS 3 UNITS**

Prerequisite: None  
 Course Transferable to CSU  
 Hours: 54 hours LEC

This course takes a personal approach to lifetime healthy habits. The students will relate their own lives to topics that include: Fitness, weight management, relationships, nutrition, stress management, sexual health, risky behaviors, and prevention of diseases. Assessment, plans for change and reinforcement will be applied through the use of journals, projects, written assignments and tests. Not open to students who have received credit for HEED 350.

**PET 410 PERSONAL TRAINER CERTIFICATION: EXERCISE SCIENCE & FITNESS ASSESSMENT 3 UNITS**

Prerequisite: None  
 Course Transferable to CSU; UC pending  
 Hours: 54 hours LEC

This course is designed to provide the theoretical knowledge necessary to prepare for the American Council on Exercise's National Personal Training Certification Exam. Topics include the following: exercise physiology, human anatomy, applied kinesiology, basic nutrition, health screening, fitness assessment, cardiovascular fitness, muscular strength and endurance, and flexibility.

# Physics, Physical Science & Astronomy

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREE** A.S.—Physics

The Folsom Lake College Physics, Physical Science and Astronomy department offers a full 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 conceptual physics course for non-science majors and a preparatory physics course are also offered.

The courses in Astronomy and Physical Science are offered as part of the general education program at Folsom Lake College. The physical science course emphasizes a hands on learning experience. Both courses are an excellent way for the liberal arts students to gain an appreciation of scientific knowledge and methods.

**Career Options**

**CALCULUS-BASED PHYSICS:**

Physicist; Engineer; Meteorologist; Oceanographer; Geologist; Physical Scientist; Astronomer; Chemist; Architect; Computer Scientist

**TRIGONOMETRY-BASED PHYSICS:**

Pre-Med; Allied Health; Life Science fields

**Highlights**

Modern and well-equipped laboratories

Small class size

## Physical Science (PS)

**PS 302 INTRODUCTION TO PHYSICAL SCIENCE 4 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is an integrated, interdisciplinary course which introduces the non-science major student to the physical sciences. Areas covered will include astronomy, physics, chemistry and geology. The purpose of the course is to trace the development of modern scientific concepts, to analyze a number of natural phenomena, and to explore the significance of science.

**PS 472 TEACHING SCIENCE TO SCHOOL-AGE CHILDREN 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course will train future teachers in the art and skill of making elementary and middle-school science teaching successful and interesting. Students will gain hands-on experience with numerous ways to teach life, physical, and earth science, including teaching students at a school-age facility. Other topics will include how students learn, how to set up labs, lab safety, environmental education, and assessment. This course is suitable for students majoring in education, interpretation, or science. Not open to students who have received credit for Biology 472.

**PS 495 INDEPENDENT STUDIES IN PHYSICAL SCIENCE 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 3 hours LAB

**PS 499 EXPERIMENTAL OFFERING IN PHYSICAL SCIENCE .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## Physics (PHYS)

**PHYS 310 CONCEPTUAL PHYSICS 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides a conceptual overview of Newtonian and modern physics for non-science and science students alike. The conceptual or non-mathematical approach to physics is tied to the student's personal experience in the everyday world, so that 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.

**DEGREE**  
**A.S.—Physics**

This degree is designed to meet common lower division requirements for a major in physics.

REQUIRED PROGRAM .....	Units
CHEM 400 (1A) General Chemistry .....	5
CHEM 401 (1B) General Chemistry .....	5
MATH 400 (9A) Analytic Geometry and Calculus I .....	5
MATH 401 (9B) Analytic Geometry and Calculus II .....	5
MATH 402 (9C) Analytic Geometry and Calculus III .....	5
MATH 420 (11) Differential Equations .....	4
PHYS 411 (4A) Mechanics of Solids and Fluids .....	4
PHYS 421 (4B) Electricity and Magnetism .....	4
PHYS 431 (4C) Heat, Waves, Light and Modern Physics .....	4
TOTAL UNITS REQUIRED .....	41

Associate of Science Degree (A.S.) may be obtained by completion of the Required Program, plus General Education requirements, plus sufficient electives to meet a 60-unit total.

**PHYS 311 BASIC PHYSICS 3 UNITS**

Prerequisite: None

Advisory: MATH 335 (may be taken concurrently) or high school trigonometry with a grade of "C" or better.

Course Transferable to UC/CSU

Hours: 54 hours LEC

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 PHYS 350 or 411. Material covered will include math review, vectors, and basic mechanics (kinematics, Newton's laws, energy). Students who have taken PHYS 310 cannot get transfer credit for PHYS 311.

**PHYS 350 GENERAL PHYSICS 4 UNITS**

Prerequisite: MATH 335, or a high school course in trigonometry or the equivalent. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course, the first semester of General Physics, is a transferable course required for life science, liberal studies and other students and may also be taken for general education credit. Materials covered will include classical mechanics (including kinematics, statics, dynamics, Newton's Laws, energy and momentum conservation, rigid body motion and oscillatory motion), fluid mechanics, mechanical waves (including sound), and thermodynamics.

**PHYS 360 GENERAL PHYSICS 4 UNITS**

Prerequisite: PHYS 350. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course, the second semester of General Physics, is a transferable course required for life science and other students and may also be taken for general education credit. Material covered will include classical electricity and magnetism (including electrostatics, electric fields and potential, magnetic fields, electromagnetic induction, Maxwell's equations and electromagnetic radiation), DC and AC circuits, light, geometric and wave optics, special relativity, atomic structure, quantum physics and nuclear physics.

**PHYS 411 MECHANICS OF SOLIDS AND FLUIDS 4 UNITS**

Prerequisite: MATH 400. Grade of "C" or better required to meet prerequisite.

Advisory: Completion of or concurrent enrollment in MATH 401 is recommended.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

The course examines the fundamentals of mechanics: vectors, kinematics, Newton's laws, vibrations, conservation principles, fluids, and gravitation. This course is recommended for students studying engineering, physics, chemistry, architecture, and mathematics.

**PHYS 421 ELECTRICITY AND MAGNETISM 4 UNITS**

Prerequisite: PHYS 411 and MATH 401. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course examines the fundamentals of electricity and magnetism. Topics include electric and magnetic fields and forces, electric potentials, capacitors and dielectrics, DC and AC circuits, inductance, magnetic materials, Maxwell's equations, electromagnetic waves, and the operation of general electrical circuit measuring devices including multimeters and oscilloscopes. This is the second course (although PHYS 421 and 431 may be taken in either order) of the calculus-based physics sequence for physical science, engineering, and computer science majors.

**PHYS 431 HEAT, WAVES, LIGHT AND MODERN PHYSICS 4 UNITS**

Prerequisite: PHYS 411 and MATH 401. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course examines the fundamentals of thermodynamics, waves and modern physics: temperature, heat, kinetic theory of gases, thermodynamics, mechanical waves, sound, light reflection and refractions, interference and diffraction phenomena, optics, lasers, special relativity, quantum physics, atomic physics, nuclear physics, and particle physics.

**PHYS 495 INDEPENDENT STUDIES IN PHYSICS 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 3 hours LAB

**PHYS 499 EXPERIMENTAL OFFERING IN PHYSICS .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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## Astronomy (ASTR)

**ASTR 300 INTRODUCTION TO ASTRONOMY 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a descriptive course in general astronomy treating the nature and evolution of the solar system, stars, galaxies, cosmology and life in the universe.

**ASTR 400 ASTRONOMY LABORATORY 1 UNIT**

Prerequisite: None

Corequisite: ASTR 300 (may be taken previously). Grade of "C" or better required to meet corequisite.

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course offers practical use of a telescope for both visual observation and astrophotography; identification of constellations; and experience in the collection of scientific data.

**ASTR 495 INDEPENDENT STUDIES IN ASTRONOMY 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**ASTR 499 EXPERIMENTAL OFFERING IN ASTRONOMY .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Political Science

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Political Science involves the study of governmental structures and political systems, as well as the examination of how individuals and institutions interact within those systems. Courses in our 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. All courses require significant writing and research. Completion of English 101 or eligibility for English 300 is advised for all courses. Student success is a priority and attention is paid to the individual needs of those enrolled. Educational resources are available through the college and the department for students who may require additional assistance.

Our introductory courses also prepare students for further study of political science and government theories and practice at the university level. Supervised internships and special studies in political, governmental or related organizations are also available for credit. Most of the courses we offer are transferable to accredited universities and fulfill general education requirements for a variety of major and degree programs and certificates.

## Career Options

Political Science courses help students develop and practice research, writing, and analysis skills that are relevant to many professional fields. These introductory courses provide students with a better understanding of politics and political systems which can assist them as a first step toward careers in law, administration, business, politics, teaching, military leadership, foreign service, journalism, urban planning, local, state or federal government, legislative analysis and advocacy, public relations, civil service and many others.

## Highlights

- Courses in both American and foreign political structures
- Widely traveled and internationally astute instructional staff
- Insightful analysis of international events
- Suggestions/contacts for student involvement in the political process

## Pre-Law Education

Pre-law, contrary to common belief, is not a major but rather a term that describes a student interested in applying for admission to a law school.

Because overall GPA is important in applying for admission to a law school, a pre-law student should consider a major which he/she enjoys and can do well. It is advisable to consider the major as an alternative to law school or one which can be used in conjunction with the law degree. Law schools are looking for individuals who have a high level of writing competence; good analytical skills; intellectual discipline; breadth in humanities, sciences and social sciences; and a general understanding of the business world. Most law schools require a baccalaureate degree. The Law School Admission Test (LSAT) is required. A pre-law student needs to plan a course of study in cooperation with a counselor in the Counseling Center.

## Political Science (POLS)

### POLS 301 INTRODUCTION TO GOVERNMENT: UNITED STATES 3 UNITS

Prerequisite: None

Advisory: Completion of ENGWR 101 or eligibility for ENGWR 300 is advised.

Course Transferable to UC/CSU

Hours: 54 hours LEC

An introduction to Political Science, American government and politics. Structured to promote political and analytical understanding and thinking regarding American politics and government. Areas of concentration include principles, institutions, problems, processes, theory, philosophy, and ideology. Satisfies the State requirement regarding the Constitution, American Institutions, and State and Local Government.

### POLS 302 INTRODUCTION TO GOVERNMENT: FOREIGN 3 UNITS

Prerequisite: None

Advisory: Completion of ENGWR 101 or eligibility for ENGWR 300 is advised.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Comparative study and analysis of political systems, ideologies, institutions, policies, cultures, histories, and the development of selected foreign governments. Special emphasis placed on the cultural and social dimensions of political behavior and attitudes in connection with governmental and political practices typical of particular geographical regions. Coverage includes an examination of selected developed and lesser developed nation states from a global perspective.

### POLS 310 INTERNATIONAL RELATIONS 3 UNITS

Prerequisite: None

Advisory: Completion of ENGWR 101 or eligibility for ENGWR 300 is advised.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This is an introduction to international relations and a survey 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 an analysis of the world outlook of Central and Eastern Europe, Russia, the United States, the major Western Allies, China, and the Lesser Developed World.

### POLS 495 INDEPENDENT STUDIES IN POLITICAL SCIENCE 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### POLS 499 EXPERIMENTAL OFFERING IN POLITICAL SCIENCE .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Psychology

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

## DEGREE

A.S.—Psychology

Psychology concerns itself with the study of 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.

### Career Options

Career options as educators, scientists, consultants, practitioners and mental health professionals with some of the following titles:

Administrator; Behavior Analyst; Childcare Worker; College Professor; College Counselor; Social Services Counselor; Human Services Specialist; Marketing Specialist; Personnel Analyst; Probation Officer; Psychiatric Tech/Aide; Psychologist; Psychometrist; Public Survey; Research Therapist; Training/Development Specialist; Ward Attendant; Youth Supervisor

Some career options may require more than two years of college study.

### Highlights

Exemplary instructional staff that includes authors and researchers

Varied course offerings including psychology of women and human sexuality

Psychology courses complement AA degrees and/or certifications in many other fields: Administration of Justice, Anthropology, Communications Media, Corrections, Early Childhood Education, Human Services, Interdisciplinary Studies, Marketing/Business, Health/Medicine, Consumer Affairs, and the military.

## Psychology (PSYC)

### PSYC 300 GENERAL PRINCIPLES 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

An introduction to the scientific study of human behavior. Topics include Personality, Abnormal Psychology, Psychotherapy, Social Psychology, Intelligence, Lifespan Development Psychology, Cognition and Memory, Conditioning and Learning Motivation, Emotion, Biological Determinants, Consciousness, and Applied Psychology. Designed for psychology majors, behavioral science majors, and other students who desire a comprehensive overview of general principles of contemporary psychology.

### PSYC 312 BIOLOGICAL PSYCHOLOGY 4 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course offers a survey of the physiological determinants of behavior. The course content focuses on brain and nervous system interactions, central nervous system pathologies, endocrine function, and the biochemistry of mental disorders. PSYC 312 is appropriate for students majoring in psychology, medicine and the biological sciences. The laboratory experience complements and amplifies the lectures.

### PSYC 320 SOCIAL PSYCHOLOGY 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

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 3 UNITS

Prerequisite: MATH 120 or MATH 125 or the equivalent. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course covers the application of descriptive and inferential statistics to experimental findings in psychology and other behavioral sciences from an applied rather than a theoretical perspective.

### PSYC 335 RESEARCH METHODS IN PSYCHOLOGY 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides an overview of the methodologies used in experimental and quasi-experimental research in psychology. Students will learn how to design and conduct research, including formulating hypotheses, reviewing the literature, evaluating ethical issues, selecting methodologies, organizing data, applying statistics and writing reports.

## DEGREE

A.A.—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.

REQUIRED PROGRAM	Units
PSYC 300 General Principles .....	3
PSYC 312 Biological Psychology .....	4
PSYC 320 Social Psychology .....	3
PSYC 330 Statistics for the Behavioral Sciences .....	3
PSYC 335 Research Methods in the Behavioral Sciences .....	3
Three (3) additional units selected from: PSYC 340, PSYC 351, PSYC 354, PSYC 356, PSYC 358, PSYC 360, FCS 324, PSYC 372, PSYC 495, PSYC 499	
TOTAL UNITS REQUIRED .....	19

**PSYC 340 ABNORMAL BEHAVIOR 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an exploration of the broad questions of normality and abnormality. It includes an investigation of specific mental, emotional, and behavioral difficulties. Current approaches to psychological intervention, including current community mental health practices will be covered. The course reviews the contribution of social, biological, and psychological factors to the development and persistence of behavioral disorders.

**PSYC 351 HUMAN BEHAVIOR 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

An introduction to the study of human behavior. The course provides a comprehensive overview of the subject matter of psychology while emphasizing the application of psychological thought and research to personal and social issues. Particular attention is paid to the individual's development through the lifespan and his or her interaction with such "social arenas" as family, friends, work, school, and community.

**PSYC 354 MARRIAGE, THE FAMILY AND ALTERNATIVES 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

Overview of the elements involved in building, maintaining and surviving paired relationships, both traditional and newer partnerships and relationship styles. Includes choosing each other, types of commitment (love, romance, sex and security), dealing with conflict, parenting, crisis and family disorganization, such as starting over, and changes confronting the individual throughout life's stages. Not open to students who have received credit for FCS 322.

**PSYC 356 HUMAN SEXUALITY 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

A survey of the biological, psychological and social aspects of human sexual behavior. The course provides factual, up-to-date nonjudgmental information designed to dispel myths and facilitate problem identification and problem-solving. Topics include sexual anatomy and physiology, conception and childbirth, contraception, sexual development, variations and deviations, sex research, sexually transmitted diseases, sex therapy, intimacy and relationships, and sexual victimization.

**PSYC 358 PRINCIPLES OF INTERPERSONAL RELATIONSHIPS 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

The study of principles involved in effective interpersonal relationships. Includes such topics as interpersonal feedback, self-disclosure, the role of emotions in relationships, the act of listening and the ability to challenge others toward growth and productivity. The focus is on concepts useful to the student in his/her face-to-face relationships at home, school, or work.

**PSYC 360 PSYCHOLOGY OF WOMEN 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

A course for men and women that highlights the psychological, biological and social influences on the behavior of women.

**PSYC 372 CHILD DEVELOPMENT 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

A survey of human, social, physical and intellectual development from conception through adolescence.

**PSYC 495 INDEPENDENT STUDIES IN PSYCHOLOGY 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**PSYC 499 EXPERIMENTAL OFFERING IN PSYCHOLOGY .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Real Estate

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREE** A.A.—Real Estate  
**CERTIFICATES** Real Estate Broker  
 Real Estate Sales

Folsom Lake College offers, in addition to a Real Estate AA Degree, a variety of courses available which satisfy State of California prerequisites for Real Estate Salesperson and Real Estate Broker examinations.

**Career Options**

Real Estate Agent; Real Estate Broker; Real Estate Appraiser

Some career options may require more than two years of college study.

**Highlights**

- Instruction by trained, working real estate professionals
- Preparation for State of California real estate license examinations
- Training in one of the most lucrative careers in today's world
- A lab with tutorial assistance

**APPLICANTS FOR THE REAL ESTATE SALESPERSON EXAM**

To qualify to take an examination for a Real Estate Salesperson License, an applicant must submit evidence (transcripts) of having completed a college-level course in Real Estate Principles.

In addition to Real Estate Principles the applicant must also (either when qualifying for the examination, when applying for the original license or within eighteen months after license issuance) submit evidence of having completed TWO additional basic real estate courses from the following FLC course offerings (it is recommended that Real Estate Practice be one of the courses selected).

- Accounting 301 (1A)
- Business Law 340 (18A)
- Introduction to Escrow Procedures
- Legal Aspects of Real Estate
- Real Property Management
- Real Estate Appraisal
- Real Estate Economics
- Real Estate Finance
- Real Estate Practice

**APPLICANTS FOR THE REAL ESTATE BROKER EXAMINATION**

An applicant for the Broker examination must have completed eight college-level courses, in addition to the experience/educational requirements. These eight courses should include the following FLC course offerings:

- Real Estate Principles
- Real Estate Practice
- Legal Aspects of Real Estate
- Real Estate Finance
- Real Estate Appraisal
- Real Estate Economics or Accounting 301 (1A)
- and two courses from the following group: \*
  - Business Law 340 (18A)
  - Real Property Management
  - Introduction to Escrow Procedures
  - Advanced Appraisal

\* If applicant completes both Accounting and Real Estate Economics, only one additional course is required.

**DEGREE**  
**A.A.—Real Estate**

REQUIRED PROGRAM ..... Units

Business Core:

ACCT 301 (1A)	Financial Accounting .....	4
BUS 310 (8)	Business Communication .....	3
BUS 330 (15)	Managing Diversity in the Workplace .....	3
BUS 340 (18A)	Business Law .....	3
BUS 300 (20)	Introduction to Business .....	3
BUSTEC 302 (41)	Computer Keyboarding .....	2
MKT 300 (20)	Principles of Marketing .....	3
CISC 310 (CIS 3)	Intro to Computer Information Science or Three (3) units to include: .....	3
	CISC 300(CIS 1) Computer Familiarization - (1 unit) and Two (2) additional units selected from: CISA 300(CIS 11A), CISA 350 (CIS 12A), CISA 320 (13A), CISC 320 (14A), CISA 340 (15A), CISC 350 (CIS 16A), CISA 330 (17A)	
	Plus three (3) units selected from the following: ECON 302 (1A) Principles of Macroeconomics or ECON 320 (14)/BUS 320 (14) Concepts of Personal Finance .....	3
	Real Estate Option:	
RE 300 (19)	Principles of Real Estate .....	3
RE 110 (81)	Legal Aspects of Real Estate .....	3
RE 120 (82)	Real Estate Practice .....	3
RE 130 (83)	Real Estate Finance .....	3
RE 140 (84)	Real Estate Appraisal .....	3
RE 190 (95)	Real Property Management .....	3
	TOTAL UNITS REQUIRED .....	45

Suggested Electives:  
 MKT 310 (22); MGMT 362 (24); RE 150 (85), 160 (86), 161 (87), 141 (94).

**CERTIFICATE**  
**Real Estate Broker**

REQUIRED PROGRAM ..... Units

RE 300 (19)	Principles of Real Estate .....	3
RE 110 (81)	Legal Aspects .....	3
RE 120 (82)	Real Estate Practice .....	3
RE 130 (83)	Real Estate Financing .....	3
RE 140 (84)	Real Estate Appraisal .....	3
RE 150 (85)	Real Estate Economics or ACCT 301 (1A) Financial Accounting .....	3-4
RE 190 (95)	Real Property Management .....	3
	Plus three (3) units selected from the following: .....	3
	RE 160 (86), 161 (87), 141 (94); BUS 340 (18A)	
	TOTAL UNITS REQUIRED .....	24-25

**CERTIFICATE**  
**Real Estate Sales**

REQUIRED PROGRAM ..... Units

RE 300 (19)	Principles of Real Estate .....	3
RE 120 (82)	Real Estate Practice .....	3
	Plus three (3) units selected from: .....	3
	RE 110 (81), 130 (83), 140 (84) or 190 (95)	
	TOTAL UNITS REQUIRED .....	9

## Real Estate (RE)

### RE 110 LEGAL ASPECTS OF REAL ESTATE 3 UNITS

Prerequisite: None

Hours: 54 hours LEC

This course is a study of California real estate laws. 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; landlord-tenant law, land use controls, and title insurance and escrow. Successful completion of this course applies towards the education requirements for the broker's examination.

### RE 120 REAL ESTATE PRACTICE 3 UNITS

Prerequisite: None

Hours: 54 hours LEC

This course covers practices and techniques of residential real estate brokerage and sales. Topics will include ethics, fair housing agency, goal setting, prospecting, listing, advertising, escrow procedures, financing, taxation, marketing, property management, leasing and business opportunities. Successful completion of this course applies toward California Department of Real Estate Education requirement for the broker's examination.

### RE 130 REAL ESTATE FINANCE 3 UNITS

Prerequisite: None

Hours: 54 hours LEC

This course is an analysis of real estate financing, including lending policies and problems in financing transactions in residential, apartment, commercial, and special purpose properties. Methods of financing properties are emphasized. Successful completion of the course applies toward the educational requirements for the Broker's Examination.

### RE 140 REAL ESTATE APPRAISAL 3 UNITS

Prerequisite: None

Hours: 54 hours LEC

This course covers the purposes of appraisals and the appraisal process. Topics will also include the different approaches, methods and techniques used to determine the value of various types of property with emphasis on residential single-family properties. Successful completion of this course applies toward the educational requirement for the Real Estate Broker's license, and Licensed and General Appraisers' license.

### RE 141 ADVANCED APPRAISAL 3 UNITS

Prerequisite: RE 140. Grade of "C" or better required to meet prerequisite.

Hours: 54 hours LEC

This course discusses advanced appraisal concepts with an emphasis on market and income analysis, capitalization techniques, rate derivation, compound interest tables, cost and sales comparison approaches; and the appraisal of specific income properties such as apartments, office buildings, shopping centers and industrial properties.

### RE 150 REAL ESTATE ECONOMICS 3 UNITS

Prerequisite: None

Hours: 54 hours LEC

This course covers nature and classification of real estate and real estate investments, economic development of real property, real estate cycles and market trends. Governmental and private sector influence on the economics of real estate is covered. It is recommended that this course be taken last in the real estate course series.

### RE 160 INTRODUCTION TO ESCROW PROCEDURES 3 UNITS

Prerequisite: None

Hours: 54 hours LEC

This course covers the functions and responsibilities of the escrow holder, including actual preparation of escrow instructions and documents in a typical real estate transaction. Audit, disbursement, the issuance of closing statements and analysis of title insurance policies are also covered.

### RE 161 ADVANCED ESCROW PROCEDURES 3 UNITS

Prerequisite: RE 160. Grade of "C" or better required to meet prerequisite.

Hours: 54 hours LEC

This course covers unusual and difficult types of escrow, including the evaluation of possible solutions with emphasis on real estate loans, financing instruments and exchanges.

### RE 190 REAL PROPERTY MANAGEMENT 3 UNITS

Prerequisite: None

Hours: 54 hours LEC

This course covers the day-to-day operation and management of real property. Topics will include: marketing procedures, leases, maintenance, accounting and economics, recordkeeping, management forms, legal requirement, laws, human relations, employer responsibilities and management.

### RE 295 INDEPENDENT STUDIES IN REAL ESTATE 1-3 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

### RE 299 EXPERIMENTAL OFFERING IN REAL ESTATE .5-4 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

### RE 300 CALIFORNIA REAL ESTATE PRINCIPLES 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This fundamental real estate course covers the basic laws and principles of California real estate, giving understanding, background, and terminology necessary for advanced study in specialized courses. 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 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### RE 499 EXPERIMENTAL OFFERING IN REAL ESTATE .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Science

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

## DEGREE

A.S.—Science, General

### Areas of Study:

- Biology
- Chemistry
- Environmental Technology
- Geography
- Geology
- Physics, Physical Science, Astronomy

Folsom Lake College students may choose courses in the various disciplines of science to meet any of several objectives. Courses are designed to:

- Prepare students for transfer and continuation of studies at other colleges or universities (chemistry, biology, medicine, etc.)
- Meet general education requirements for non-science majors
- Prepare students for immediate entry into a science-based technology career
- Provide for career advancement and continuing education

Many courses include hands-on practical experience and/or opportunities for work experience in local industry and business.

The student, in consultation with a counselor, should choose science courses to meet his/her program, transfer, or general education requirements. The Counseling Center also has information regarding science requirements for transfer to other 4-year institutions.

- (4) other courses required for the chosen speciality, i.e., dental, medical, optometry, and/or veterinary.

The basic core courses are:

BIOL 400 (1A), 420 (3)  
 CHEM 400 (1A), 401 (1B)  
 ENGWR 300 (ENGL 1A), 301 (ENGL 1B), 302 (ENGL 1C)  
 PHYS 350 (5A), 360 (5B)  
 MATH 335 (20), 350 (16A) (or high school equivalent)

## Pre-Dental

Although a student may be admitted to a dental school upon completion of 90 units, a baccalaureate degree is recommended. A student should have at least a 3.0 GPA. The Dental Aptitude Test (DAT) is a requirement.

In addition to the basic core courses, the required PSYC 300 (1) and 320 (3) and a minimum of 12 units of social sciences, humanities, and foreign languages may be completed at Folsom Lake College.

## Pre-Medical

Although a student may be admitted to a medical school upon completion of 90 units, a baccalaureate degree is recommended. The usual stated minimum GPA is 2.5. In reality, a student with a GPA below 3.0 is almost never accepted, and it is rare to be admitted with a GPA below 3.4. The Medical College Admission Test (MCAT) is a requirement.

In addition to the basic core courses, the required MATH 350 (16A) and 351 (16B) and a full year of organic chemistry [CHEM 420 (12A) and 421 (12B)] may be completed at Folsom Lake College.

## Pre-Optometry

Although a student may be admitted to an optometry school upon completion of 90 units, a baccalaureate degree is recommended. The usual stated minimum GPA is 2.0; however, a more realistic minimum is a 3.0 GPA. The Optometry College Admission Test (OCAT) is a requirement.

In addition to the basic core courses, other courses such as BIOL 440 (6), 430 (25), 431 (26); MATH 350 (16A), 351 (16B); PSYC 300 (1); STAT 300 (1); humanities courses and social science classes may be required. Please check with your counselor. These courses can be completed at Folsom Lake College.

## Pre-Veterinary

It is extremely difficult to gain admission to a veterinary school without being a resident of the state in which the school is located. A California resident, therefore, is virtually restricted to attending the University of California School of Veterinary Medicine at Davis.

Although a student may be admitted to the School of Veterinary Medicine upon completion of 90 units, a baccalaureate degree is recommended. A student with a 2.5 GPA may be considered for admission; however, rarely is a student admitted with a GPA below 3.0. Experience with animals is given heavy consideration. The Graduate Record Examination General Aptitude Section and Advanced Test in Biology are requirements.

In addition to the basic core courses, the required STAT 300 (1) may be completed at Folsom Lake College.

## Pre-Physical Therapy

Students may take general education and a basic core of prerequisite courses at Folsom Lake College and transfer to California State University, Fresno, Long Beach or Northridge. Admission into a physical therapy program is very competitive with great weight given to relevant work experience and grade point average earned in the prerequisite courses. Because admission requirements vary among the programs, students are advised to work closely with a counselor to plan for the completion of work experience, general education and a core of basic program courses. Many Physical Therapy programs will be offered at the Master's Degree level only. Check with the counseling department.

The core courses may include:

BIOL 400 (1A), 420 (3), 430 (25), 431 (26)  
 CHEM 400 (1A), 401 (1B) or CHEM 305 (307), 306 (308)  
 PHYS 350 (5A), 360 (5B)  
 PSYC 300 (1)

**Pre-Nursing Option, see BIOLOGY**

## DEGREE

A.S.—Science, General

This degree is designed to meet common lower division requirements for a general science major.

REQUIRED PROGRAM ..... Units

Eighteen (18) units of transfer level course work in science. Two laboratory courses must be included: one in the physical sciences and one in the biological sciences. Courses may be selected from Astronomy, Biology, Chemistry, Geology, Natural Resources, Physical Geography, Physical Anthropology, Physics, and Physical Science.

TOTAL UNITS REQUIRED ..... 18

## PRE-PROFESSIONAL HEALTH SCIENCE EDUCATION

Students planning to attend a dental, medical, veterinary or optometry school are not required to complete a prescribed undergraduate major. Many students have the misconception that "predental," "pre-med," etc., are academic majors. They are not. A student's undergraduate degree might be achieved in anything, as long as appropriate courses required for dental/medical/veterinary/optometry school admission are completed. Professional schools are looking for well-rounded students who have taken courses in the humanities and social sciences and who have participated in school activities and community work. Generally, admission criteria include: completion of required courses; cumulative GPA; science courses GPA only; extracurricular activities, including work experience related to the health science specialization; test scores; application, which includes a personal statement; letters of recommendation; and an interview.

In addition to a good GPA, a student must be self-motivated, have social concern, communication skills and maturity. An applicant, however, does not need a 4.0 GPA for admission, as a GPA is an impersonal reflection of a student's ability to handle university work.

Students planning to enroll in a professional health science school may complete at Folsom Lake College:

- (1) transfer general education courses,
- (2) transfer courses for the student's chosen major,
- (3) a basic core of courses which is required for all health science students, and

# Sign Language Studies

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Folsom Lake College offers courses in Sign Language Studies 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. SILA 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 Interpreting Training Program.

## Career Options

ADA Specialist; Audiologist; Childcare Worker; Group Home Worker; Human Services Worker; Independent Skills Instructor; Interpreter; Linguist; Mental Counselor; Rehabilitation Counselor; Teacher; Teacher Aide; Telecommunications Operators

Some career options may require more than two years of college study.

## Highlights

Dedicated, well-trained instructors

Highly interactive learning environment

Close relationship with the deaf community

Practical tools provided for communication opportunities

## SILA 316 AMERICAN SIGN LANGUAGE 4 4 UNITS

Prerequisite: SILA 315. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course is the fourth in a series of four courses in American Sign Language. The emphasis is on non-verbal communication, at advanced levels of competency. Topics presented included advance grammatical features, such as descriptors, classifier use, various numbering systems in American Sign Language, cultural features of the language and the diverse aspects of the American Deaf Community.

## SILA 345 FINGERSPELLING 1 UNIT

Prerequisite: None

Corequisite: SILA 305. Grade of "C" or better required to meet corequisite.

Course Transferable to CSU

Hours: 18 hours LEC ; 9 hours LAB

A basic course in use of the manual alphabet designed to augment expressive and receptive fingerspelling skills introduced in American Sign Language (ASL) courses. Perceptual strategies of use to hearing adults stressed. Emphasis on recognition of fingerspelling in context. Basic knowledge of American Sign Language required.

## SILA 495 INDEPENDENT STUDIES IN SIGN LANGUAGE STUDIES 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## SILA 499 EXPERIMENTAL OFFERING IN SIGN LANGUAGE STUDIES .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

## Sign Language Studies (SILA)

### SILA 305 AMERICAN SIGN LANGUAGE 1 4 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 72 hours LEC

This is the beginning course in a series of four courses in visual-gestural processing of sign language. It provides instructional activities for people who wish to become competent in communication with deaf people. This emphasis is on non-verbal communication.

### SILA 306 AMERICAN SIGN LANGUAGE 2 4 UNITS

Prerequisite: SILA 305. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This is the second in a series of four courses in American Sign Language. The emphasis is on non-verbal communication. Topics presented include grammatical features such as descriptors, differentiation between cardinal/ordinal numbers, contrastive structure, temporal aspect markers and temporal sequencing.

### SILA 315 AMERICAN SIGN LANGUAGE 3 4 UNITS

Prerequisite: SILA 306. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course is the third in a series of four courses in American Sign Language. It emphasizes expressive and receptive non-verbal communication skills between signers who have preliminary American Sign Language syntactical and lexical skills. It provides an understanding of deaf cultural processes by identifying behaviors and several norms from activities assigned in the class. It also includes dialogues that involve asking, empathizing, negotiation and agreeing or disagreeing.

# Social Science

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**DEGREE** A.A.—Social Science

Folsom Lake College offers classes for the 21 units of coursework in the following areas: anthropology, economics, geography, history, philosophy, political science, psychology, social science, or sociology. Students who wish to transfer to a four-year college or university should plan their programs to meet general education and lower division major requirements. All students are encouraged to consult with a counselor.

**Career Options**

Instructor; Social Worker; Researcher; Criminal Justice; Social Services; Business and Corporate employment

Some career options may require more than two years of college study.

**Highlights**

Opportunities to build a foundation for interdisciplinary studies

Overview of theoretical, methodological, analytical, and cultural principles

**DEGREE**

A.A.—Social Science

This degree is designed to meet common lower division requirements for a major in one of the social sciences. Students should check the transfer requirements for the college and specific major to which they wish to apply.

**REQUIRED PROGRAM** ..... Units

Twenty-one (21) units must be completed from at least three different subject areas listed below:

Program subject areas:

Anthropology, Economics, Geography 310 (2), History, Political Science, Psychology, Social Science, and Sociology.

This degree enables the student to experience a wide range of diverse social science disciplines. To verify the transferability of specific courses and their university application, please consult your FLC counselor.

**TOTAL UNITS REQUIRED** ..... 21

# Sociology

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

**Sociology** courses are concerned with the study of systems and how individuals live, work and interact within them. Career options include: Sociologist; Social Worker; Instructor; Probation Officer; Employment Counselor; Urban Planner (some career choices may require courses beyond the Associate Degree). Highlights include practical courses valuable to all students and well-trained and interesting instructional staff

## Sociology (SOC)

**SOC 300 INTRODUCTORY SOCIOLOGY 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a study of human behavior in society, including social groups, culture, personality, social stratification, social change, collective behavior and social institutions.

**SOC 301 SOCIAL PROBLEMS 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of social problems in American society. It will examine their causes and evaluate proposed solutions. A special emphasis will be placed on local issues.

**SOC 310 MARRIAGE AND THE FAMILY 3 UNITS**

Prerequisite: None

Advisory: Eligibility for ENGWR 101.

Course Transferable to CSU

Hours: 54 hours LEC

This course will examine the social, psychological, historical and economic factors relating to the changing family, marriage, remarriage and significant relationships. Exploration of the changing gender roles, the meaning of love and sexuality, dating, communication skills and parenting will also be included.

**SOC 321 RACE, ETHNICITY AND INEQUALITY IN THE UNITED STATES 3 UNITS**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a social profile of major American minority groups. It examines the problems of minority assimilation into an "open" society and culture.

**SOC 335 SOCIOLOGY OF AGING 3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course examines the aged and the aging process, with emphasis on social factors affecting and affected by an aging population. It includes an analysis of demography and history of aging in America; individual aging and adaptation; needs, resources, and social support systems; employment and retirement; and social class/cultural differences. Not open to students who have received credit for GERON 300.

**SOC 495 INDEPENDENT STUDIES IN SOCIOLOGY 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**SOC 499 EXPERIMENTAL OFFERING IN SOCIOLOGY .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Spanish

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Folsom Lake College offers the basic grammar and conversation courses in Spanish. Students will be able to understand the spoken language, to speak with reasonable fluency, and to write at their speaking level.

## Career Options

Airlines/Travel; Banking; Bilingual Education/Teacher's Aide; Bilingual Telecommunications; Emergency Services; Foreign Service; Foreign Language Teacher; Import & Export; Intelligence/Military Service; International Business; IRS/State Franchise Tax Board; Overseas Employment: Business & Commerce; Law Enforcement/Correctional Officer; Social Security Officer; Social Service; Translating & Interpreting; Tourism

Some career options may require more than two years of college study.

## Highlights

Multimedia, interactive language lab with Internet capabilities

Internationally trained faculty and staff

Native speakers who have high school-equivalent reading and writing skills in their native language should enroll in the 411 (2A) level course (or above) of their native language.

## SPAN 311 CONVERSATIONAL SPANISH, INTERMEDIATE 2 UNITS

Prerequisite: SPAN 102. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This course provides refinement of skills attained in 102. 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 in culturally appropriate language at a higher level of accuracy than found in 102. Students 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. This course will consist of one hour of lecture and two hours of laboratory work conducted in the classroom each week and one hour of laboratory work conducted in the Language Laboratory each week.

## SPAN 312 CONVERSATIONAL SPANISH, INTERMEDIATE 2 UNITS

Prerequisite: SPAN 311 or 411. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This is second semester Intermediate Spanish. It is designed for students who have completed Spanish 311 or four years of high school Spanish. It provides continued development of skills attained in 311. The focus will be the development of written narrative and expository prose combined with increased cultural awareness. Emphasis will be placed on culturally authentic reading and writing through the introduction of basic literary analysis. Students will develop the ability to handle complicated situations using past and future time frames. Students 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. This course will consist of one hour of lecture and two hours of laboratory work conducted in the classroom each week and one hour of laboratory work conducted in the Language Laboratory each week.

## SPAN 401 ELEMENTARY SPANISH 4 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

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 and writing will be comprehensible to a sympathetic listener. Verbal and written expression is limited to short, culturally appropriate communication. Students will acquire a knowledge of the geography, culture and people of regions where Spanish is spoken and of Spanish-speakers' contributions to North American and world cultures.

## SPAN 402 ELEMENTARY SPANISH 4 UNITS

Prerequisite: SPAN 401 or equivalent. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is second semester Elementary Spanish. It is designed for students who have completed SPAN 401 or two years of high school Spanish. It provides refinement of skills begun in SPAN 401. Students will gain increased accuracy and ability to understand and produce appropriate responses in high-frequency situations utilizing learned materials. Speaking and writing will be comprehensible to a sympathetic listener. Verbal and written expression will be limited to short, culturally appropriate communication on a broader scale than at the SPAN 401 level. Students will acquire a knowledge of the geography, culture and people of regions where Spanish is spoken and of Spanish-speakers' contribution to North American and world cultures.

## Spanish (SPAN)

### SPAN 101 CONVERSATIONAL SPANISH, ELEMENTARY 3 UNITS

Prerequisite: None

Hours: 36 hours LEC ; 54 hours LAB

This is a 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 and writing will be comprehensible to a sympathetic listener. Verbal and written expression is limited to short, culturally appropriate communication. Students will acquire a 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 class consists of two hours lecture and one hour of laboratory work conducted in the classroom each week and two hours of laboratory work conducted in the Language Laboratory each week.

### SPAN 102 CONVERSATIONAL SPANISH, ELEMENTARY 3 UNITS

Prerequisite: SPAN 101. Grade of "C" or better required to meet prerequisite.

Hours: 36 hours LEC ; 54 hours LAB

This is second semester Elementary Spanish. It is designed for students who have completed SPAN 101 or two years of high school Spanish. It provides refinement of skills begun in 101. Students will gain increased accuracy and ability to understand and produce appropriate responses in high frequency situations utilizing learned materials. Speaking and writing will be comprehensible to a sympathetic listener. Verbal and written expression will be limited to short, culturally appropriate communication on a broader scale than at the 101 level. Students will acquire a knowledge of the geography, culture and people of regions where Spanish is spoken and of Spanish-speakers' contribution to North American and world cultures. This class consists of two hours lecture and one hour of laboratory work conducted in the classroom each week and two hours of laboratory work conducted in the Language Laboratory each week.

**SPAN 411 INTERMEDIATE SPANISH 4 UNITS**

Prerequisite: SPAN 402 or equivalent. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

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 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 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 4 UNITS**

Prerequisite: SPAN 411. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is second semester Intermediate Spanish. It is designed for students who have completed SPAN 411 or four years of high school Spanish. It provides continued development of skills attained in 411. The focus will be the development of written narratives and expository prose combined with increased cultural awareness. Emphasis will be on culturally authentic reading and writing through the introduction of basic literary analysis. Students will develop the ability to handle complicated situations using past and future time frames. Students 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 425 ADVANCED READING AND CONVERSATION 3 UNITS**

Prerequisite: SPAN 402. Grade of "C" or better required to meet prerequisite.

Course Transferable to UC/CSU

Hours: 54 hours LEC

Advanced reading and conversation in Spanish with emphasis on building vocabulary and review of grammar. Introduction to literature of the Hispanic world. May be taken two times for credit.

**SPAN 434 SPANISH FOR THE PROFESSIONS - INTERMEDIATE 3 UNITS**

Prerequisite: SPAN 102 or 402. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 54 hours LEC

This is an intermediate course designed for persons in law enforcement, business and finance, social services and the medical professions. The emphasis of the course is on acquiring verbal facility in interviewing, collecting data, giving instructions and general courtesies. The course will help students acquire language proficiency while reviewing and broadening the grammar foundation attained in elementary Spanish. It will introduce specific vocabulary necessary for professionals to communicate successfully in a professional situation. Cultural and behavioral attitudes appropriate for relating to persons of Hispanic heritage will be suggested. This course may be taken twice for credit.

**SPAN 495 INDEPENDENT STUDIES IN SPANISH 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**SPAN 499 EXPERIMENTAL OFFERING IN SPANISH .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Student Government

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

These courses are designed for those students elected to student government positions. The Associated Student Government is recognized as the voice of students. Those enrolled in this program have a variety of opportunities to serve on the Student Senate, and/or various college committees.

## Highlights

Develop leadership skills by working with student activities, student government, and the inter-club council

Participate on college committees to help develop and determine policy as it relates to student issues

Represent the student voice to the campus and community

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## Student Government (SGVT)

### **SGVT 300 INTRODUCTION TO STUDENT GOVERNMENT 2 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This class provides a study of the legal, educational and philosophical basis of student government. May include travel to other campuses, area conferences and state conferences. Will include the opportunity to participate on faculty and administrative committees. Designed to teach leadership skills and to give practical experience in the field of student government. May be taken three times for credit.

### **SGVT 495 INDEPENDENT STUDIES IN STUDENT GOVERNMENT 1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 36 hours LAB

### **SGVT 499 EXPERIMENTAL OFFERING IN STUDENT GOVERNMENT .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Theatre Arts

**Counseling** - FLC/RCC 916-608-6500; EDC 530-642-5645

The Theatre Arts courses are designed to provide students with a basic understanding of activities involved in theatre presentations and production. The basic program also provides an opportunity for students to apply skills associated with the course offerings.

#### Career Options

Acting; Theatre Arts Management; Publicity and Public Relations; Teaching; Box Office Management

Some career choices may require an Associate Degree or course work beyond.

#### Highlights

Dedicated faculty with a passion for the theatre with professional experience in directing and playwriting as well as considerable teaching experience at the undergraduate level.

Opportunity for some students to gain access to four-year college and university theatre programs as well as internships in major regional theatres.

## Viticulture

### VITI 499 EXPERIMENTAL OFFERING IN VITICULTURE 0.5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

## Theatre Arts (TA)

### TA 300 INTRODUCTION TO THE THEATRE 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This class surveys the literary, cultural and historical aspect of theatre arts. It is an audience oriented, non-performance theatre arts course open to all students.

### TA 340 BEGINNING ACTING 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course introduces the student to the basic art and craft of acting. Basic exercises in voice and diction, movement, and character will be utilized.

### TA 494 TOPICS IN THEATRE ARTS .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 108 hours LEC ; 108 hours LAB

This course is designed to give students an opportunity to study a variety of topics dealing with performance and/or production aspects of theatre not included in current course offerings. This course may be repeated for credit, providing there is no duplication of topics.

### TA 495 INDEPENDENT STUDIES IN THEATRE ARTS 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### TA 498 WORK EXPERIENCE IN THEATRE ARTS 1-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

### TA 499 EXPERIMENTAL OFFERING IN THEATRE ARTS .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

# Work Experience (Co-op) Education & Internships

Counseling - FLC/RCC 916-608-6500; EDC 530-642-5645

Cooperative Work Experience Education (Co-op) 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 Co-op experience, students may earn 1-4 units of transferable credit with a letter grade. Co-op serves: College interns, volunteers, and employees. It is also one of several Living Skills graduation requirements for an associate degree.

## Co-op Internships and Opportunities

Internships and volunteer experiences provide an opportunity for students to obtain work experience in their major. This activity assists students to develop technical skills, check out career choice, build confidence, network with people in the field, and transition for entry into a competitive labor market.

Interested students must apply two or more weeks before classes start and are required to take a weekly one hour career management class. College credit is earned and internships may be paid or non-paid.

## Employees

Co-op also assists our busy employed students who are interested in advancing within their existing work environment. Through Co-op and the approval of the student's employer supervisor, students can apply what they have learned in the classroom to their job.

College credit is earned.

Human Services  
Management  
Marketing  
Photography  
Theatre Arts  
Veterinary Technology

## General Work Experience (198):

General work experience education assists students in learning about the world of work and is open to all students regardless of major or job. Like vocational work experience, it is designed for students wanting to apply skills learned in the classroom to their actual job.

College credit (1-3 units) will be earned for working in the students' current job per semester. No more than six units may be earned in the program. One unit of credit may be earned for each 75 hours of paid work experience or for 60 hours of volunteer experience. Students must have a cooperative employer by the end of the third week of the semester (end of the first week of a nine week or a summer session) to remain in the program.

- Register for "General Work Experience" (Work Experience 198), and attend weekly career management class.

## Co-op Work Experience (198/298/498)

Co-op has two different ways to qualify for the program:

### New (1st Time Co-op) Students:

- You are working a paid or non-paid job, internship, or volunteer opportunity.
- You must attend the class that meets each week. This class will cover workforce/career transition issues.
- Your grade and units are earned based on your performance in the workplace (developing new skills) and classroom assignments.

### Returning Students:

- You have completed a Co-op class at FLC.
- You are working a paid or non-paid job, internship, or volunteer opportunity.
- No class attendance is required for this program except for the first two "orientation" sessions. However, you must establish new on-the-job skills with your employer and complete the necessary forms.
- Your grade and units are earned based on your work performance and outside homework assignments that emphasize career transition.

For more information, call 916-568-3100, extension 15157.

## How the Program Works

There are two types of Co-op Programs: Vocational and General.

**Vocational Work Experience (298/498)** provides students with opportunities to develop or add marketable skills related to their vocational study programs. \*

### Eligible students must:

- Be working in a paid job, internship, or volunteer opportunity. Students not currently in an internship opportunity who would like assistance should contact the Cooperative Work Experience Education Office. Students must have a cooperating employer by the end of the third week of the semester, first week of a nine week, or summer session to remain in the program.
- With employer's assistance, establish new or expanded on-the-job skills that will be documented.
- Attend a one-hour weekly career management class... or qualify for the "Returning Co-op Student" status. However, attendance is required for everyone for the first two orientation sessions.
- Register for 1, 2, 3, or 4 units. One unit of credit may be earned for each 75 hours of paid work experience or for 60 hours of non-pay experience. A total of 16 units may be earned in Vocational Work Experience.
- Students working in their college majors and taking, or have taken a course in that area, should enroll in that area's work experience class (e.g. - a sales clerk should enroll in Business).\*

\* Interested students may earn college credit in the following majors:

Accounting  
Architecture  
Automotive Mechanics Technology  
Business  
Communications Media  
Computer Information Science  
Construction Management Technology  
Culinary Arts Management  
Early Childhood Education  
Environmental Technology  
Fire Technology  
Horticulture

## Work Experience (WEXP)

### WEXP 198 WORK EXPERIENCE - GENERAL 1-3 UNITS

Prerequisite: None  
Hours: 18 hours LEC ; 54 hours LAB

### WEXP 298 WORK EXPERIENCE IN (SUBJECT) 1-4 UNITS

Prerequisite: None  
Hours: 18 hours LEC ; 54 hours LAB

### WEXP 498 WORK EXPERIENCE IN (SUBJECT) 1-4 UNITS

Prerequisite: None  
Course Transferable to CSU  
Hours: 18 hours LEC ; 54 hours LAB

# Course Renumbering Guide

ACCOUNTING (ACCT)			
New		Old	
ACCT 101	ACCT 60		
ACCT 103	ACCT 91A		
ACCT 104	ACCT 91B		
ACCT 107	ACCT 93		
ACCT 111	ACCT 92		
ACCT 121	ACCT 70		
ACCT 125	ACCT 77		
ACCT 295	ACCT 99i		
ACCT 299	ACCT 99		
ACCT 301	ACCT 1A		
ACCT 311	ACCT 1B		
ACCT 341	ACCT 5		
ACCT 495	ACCT 49i		
ACCT 498	ACCT 98		
ACCT 499	ACCT 49		

ADMIN. JUSTICE (ADMJ)			
New		Old	
ADMJ 300	ADMJ 51		
ADMJ 304	ADMJ 86		
ADMJ 305	ADMJ 72		
ADMJ 320	ADMJ 61		
ADMJ 322	ADMJ 71		
ADMJ 323	ADMJ 62		
ADMJ 330	ADMJ 80		
ADMJ 331	ADMJ 82		
ADMJ 332	ADMJ 81		
ADMJ 334	ADMJ 83		
ADMJ 340	ADMJ 52		
ADMJ 341	ADMJ 53		
ADMJ 342	ADMJ 54		
ADMJ 343	ADMJ 55		
ADMJ 344	ADMJ 56		
ADMJ 345	ADMJ 64		
ADMJ 346	ADMJ 87		
ADMJ 347	ADMJ 88		
ADMJ 348	ADMJ 89		
ADMJ 370	ADMJ 84		
ADMJ 494	ADMJ 91		
ADMJ 495	ADMJ 49i		
ADMJ 498	ADMJ 98		
ADMJ 499	ADMJ 49		

ALLIED HEALTH (AH)			
New		Old	
AH 110	AH 54		
AH 130	AH 68		

ANTHROPOLOGY (ANTH)			
New		Old	
ANTH 300	ANTH 1		
ANTH 301	ANTH 11		
ANTH 310	ANTH 2		
ANTH 330	ANTH 12		
ANTH 495	ANTH 49i		
ANTH 499	ANTH 49		

ARCHITECTURE (ARCH)			
New		Old	
ARCH 310	ARCH 40		
ARCH 320	ARCH 3		
ARCH 321	ARCH 6		
ARCH 495	ARCH 49i		
ARCH 498	ARCH 48		
ARCH 499	ARCH 49		

ART (ART)			
New		Old	
ART 300	ART 11A		
ART 302	ART 11B		
ART 304	ART 12A		

ART 305	ART 12B		
ART 307	ART 13		
ART 312	ART 36		
ART 316	ART 22		
ART 320	ART 14		
ART 323	ART 15B		
ART 327	ART 17A		
ART 328	ART 17B		
ART 336	ART 20A		
ART 337	ART 20B		
ART 361	ART 39A		
ART 370	ART 16		
ART 372	ART 21A		
ART 373	ART 21B		
ART 402	ART 34A		
ART 404	ART 34B		
ART 410	ART 40		
ART 430	ART 26		
ART 494	ART 42		
ART 495	ART 49i		
ART 499	ART 49		

ART HISTORY (ARTH)			
New		Old	
ARTH 300	ARTH 10		
ARTH 303	ARTH 3		
ARTH 309	ARTH 4		
ARTH 311	ARTH 5		
ARTH 312	ARTH 35		
ARTH 326	ARTH 47		
ARTH 332	ARTH 9		
ARTH 499	ARTH 49		

ASTRONOMY (ASTR)			
New		Old	
ASTR 300	ASTR 1		
ASTR 400	ASTR 2		
ASTR 495	ASTR 49i		
ASTR 499	ASTR 49		

AUTOMOTIVE MECH TECH (AMT)			
New		Old	
AMT 300	AMT 57		
AMT 308	AMT 58		
AMT 320	AMT 63		
AMT 495	AMT 49i		
AMT 498	AMT 98		
AMT 499	AMT 49		

BIOLOGY (BIOL)			
New		Old	
BIOL 300	BIOL 12		
BIOL 307	BIOL 13		
BIOL 310	BIOL 16		
BIOL 350	BIOL 14		
BIOL 380	BIOL 24C		
BIOL 382	BIOL 24D		
BIOL 384	BIOL 24F		
BIOL 386	BIOL 24M		
BIOL 388	BIOL 24R		
BIOL 389	BIOL 24W		
BIOL 390	BIOL 24		
BIOL 400	BIOL 1A		
BIOL 410	BIOL 2		
BIOL 420	BIOL 3		
BIOL 430	BIOL 25		
BIOL 431	BIOL 26		
BIOL 440	BIOL 6		
BIOL 470	BIOL 30		
BIOL 495	BIOL 49i		
BIOL 499	BIOL 49		

BUSINESS (BUS)			
New		Old	
BUS 100	BUS 50		
BUS 105	BUS 60		
BUS 210	BUS 71A		
BUS 212	BUS 71B		
BUS 214	BUS 71C		
BUS 218	BUS 71E		
BUS 219			
BUS 224	BUS 71I		
BUS 295	BUS 99i		
BUS 299	BUS 99		
BUS 300	BUS 20		
BUS 310	BUS 8		
BUS 320	BUS 14		
BUS 330	BUS 15		
BUS 340	BUS 18A		
BUS 341	BUS 18B		
BUS 345	BUS 16		
BUS 350	BUS 25		
BUS 354			
BUS 360	BUS 24		
BUS 360.1	BUS 24A		
BUS 360.2	BUS 24B		
BUS 490	BUS 47		
BUS 495	BUS 49i		
BUS 498	BUS 98		
BUS 499	BUS 49		

BUSINESS TECHNOLOGY (BUSTEC)			
New		Old	
BUSTEC 101	BUS 53		
BUSTEC 110	BUS 52		
BUSTEC 120	BUS 82		
BUSTEC 302	BUS 41		
BUSTEC 303	BUS 42		
BUSTEC 304	BUS 43		
BUSTEC 499	BUS 49		

CHEMISTRY (CHEM)			
New		Old	
CHEM 305	CHEM 307, 2A		
CHEM 306	CHEM 308, 2B		
CHEM 321	CHEM 7		
CHEM 322	CHEM 7L		
CHEM 400	CHEM 1A		
CHEM 401	CHEM 1B		
CHEM 410	CHEM 5		
CHEM 495	CHEM 49i		
CHEM 499	CHEM 49		

COMMUNICATION STUDIES (COMM)			
New		Old	
COMM 301	COMM 1		
COMM 311	COMM 3		
COMM 315	COMM 18		
COMM 321	COMM 10		
COMM 325	COMM 14		
COMM 331	COMM 15		
COMM 341	COMM 13		
COMM 361	COMM 9		
COMM 363	COMM 8		
COMM 371	COMM 7		
COMM 373	COMM 4		
COMM 494	COMM 12		
COMM 495	COMM 49i		
COMM 499	COMM 49		

COMMUNICATIONS MEDIA (CMED)			
New		Old	
CMED 300	CMED 5		
CMED 305	CMED 14		
CMED 332	CMED 74		
CMED 360	CMED 80		
CMED 362	CMED 82		
CMED 377	CMED 85		
CMED 495	CMED 49i		
CMED 498	CMED 98		
CMED 499	CMED 49		

COMPUTER INFORMATION SCIENCE - APPLICATIONS (CISA)			
New		Old	
CISA 160	CIS 75		
CISA 299	CIS 99		
CISA 300	CIS 11A		
CISA 301	CIS 11B		
CISA 302	CIS 11C		
CISA 309	CIS 11U		
CISA 310	CIS 12A		
CISA 311	CIS 12B		
CISA 319	CIS 12U		
CISA 320	CIS 13A		
CISA 321	CIS 13B		
CISA 329	CIS 13U		
CISA 330	CIS 17A		
CISA 331	CIS 17B		
CISA 339	CIS 17U		
CISA 340	CIS 15A/15B		
CISA 349	CIS 15U		
CISA 405	CIS 26		
CISA 499	CIS 49		

COMPUTER INFORMATION SCIENCE - CORE (CISC)			
New		Old	
CISC 300	CIS 1		
CISC 303	CIS 4		
CISC 305	CIS 21A		
CISC 306	CIS 21B		
CISC 310	CIS 3		
CISC 320	CIS 14A		
CISC 321	CIS 14B		
CISC 322	CIS 14C		
CISC 329	CIS 14U		
CISC 350	CIS 16A		
CISC 351	CIS 16B		
CISC 360	CIS 29		
CISC 495	CIS 49i		
CISC 498	CIS 98		
CISC 499	CIS 49		

COMPUTER INFORMATION SCIENCE - NETWORKING (CISN)			
New		Old	
CISN 140	CIS 72A		
CISN 141	CIS 72B		
CISN 142	CIS 72C		
CISN 143	CIS 72D		
CISN 299	CIS 99		

**COMPUTER INFORMATION SCIENCE**

**- PROGRAMMING (CISP)**

New	Old
CISP 300	CIS 41
CISP 310	CIS 35A
CISP 350	CIS 37
CISP 351	CIS 52A
CISP 352	CIS 52B
CISP 353	CIS 53
CISP 354	CIS 54
CISP 360	CIS 32A
CISP 370	CIS 38
CISP 400	CIS 32B
CISP 405	CIS 32C
CISP 409	CIS 39
CISP 430	CIS 40
CISP 440	CIS 44
CISP 499	CIS 49

**COMPUTER INFORMATION SCIENCE - WEB (CISW)**

New	Old
CISW 300	CIS 22
CISW 305	
CISW 350	CIS 21G
CISW 380	CIS 24
CISW 380.1	CIS 24A
CISW 380.2	CIS 24B
CISW 425	CIS 25
CISW 499	CIS 49

**CONSTRUCTION MANAGEMENT TECH (CMT)**

New	Old
CMT 498	CMT 98

**CRIMINAL JUSTICE**

New	Old
CJ 1000	CJC 121A
CJ 1001	CJC 121B

**EARLY CHILDHOOD EDUCATION (ECE)**

New	Old
ECE 295	ECE 99i
ECE 299	ECE 99
ECE 300	ECE 1
ECE 302	ECE 29
ECE 304	ECE 19
ECE 320	ECE 3
ECE 321	ECE 4
ECE 330	ECE 7A
ECE 331	ECE 7B
ECE 334	ECE 7L
ECE 350	ECE 10
ECE 356	ECE 9
ECE 364	ECE 24
ECE 400	ECE 8
ECE 402	ECE 6
ECE 404	ECE 11
ECE 410	ECE 13
ECE 411	ECE 13A
ECE 412	ECE 13B
ECE 413	ECE 13C
ECE 415	ECE 14
ECE 420	ECE 5
ECE 422	ECE 15
ECE 424	ECE 47
ECE 430	ECE 36
ECE 494	ECE 52
ECE 495	ECE 49i
ECE 498	ECE 48
ECE 499	ECE 49

**ECONOMICS (ECON)**

New	Old
ECON 302	ECON 1A
ECON 304	ECON 1B
ECON 320	ECON 14
ECON 495	ECON 49i
ECON 499	ECON 49

**EMERGENCY**

**MEDICAL TECH (EMT)**

New	Old
EMT 100	EMT 50
EMT 102	EMT 51
EMT 299	EMT 99

**ENGINEERING (ENGR)**

New	Old
ENGR 300	ENGR 2
ENGR 303	ENGR 14
ENGR 495	ENGR 49i
ENGR 499	ENGR 49

**ENGLISH - WRITING (ENGWR)**

New	Old
ENGWR 41	ENGL 255
ENGWR 42	ENGL 201
ENGWR 44	ENGL 203
ENGWR 45	ENGL 202
ENGWR 51	ENGL 256
ENGWR 101	ENGL 57
ENGWR 103	ENGL 60
ENGWR 124	ENGL 59
ENGWR 299	ENGL 99
ENGWR 300	ENGL 1A
ENGWR 301	ENGL 1B
ENGWR 302	ENGL 1C
ENGWR 330	ENGL 14A
ENGWR 331	ENGL 14B

**ENGLISH - READING (ENGRD)**

New	Old
ENGRD 13	ENGL 268
ENGRD 14	ENGL 269
ENGRD 15	ENGL 270
ENGRD 16	ENGL 271
ENGRD 112	ENGL 72
ENGRD 299	ENGL 99
ENGRD 495	ENGL 49i
ENGRD 499	ENGL 49

**ENGLISH - LITERATURE (ENGLT)**

New	Old
ENGLT 303	ENGL 42
ENGLT 309	ENGL 12
ENGLT 310	ENGL 35
ENGLT 311	ENGL 36
ENGLT 320	ENGL 30
ENGLT 321	ENGL 31
ENGLT 340	ENGL 33
ENGLT 341	ENGL 34
ENGLT 345	ENGL 26
ENGLT 360	ENGL 27
ENGLT 370	ENGL 39
ENGLT 402	ENGL 47A
ENGLT 495	ENGL 49i
ENGLT 499	ENGL 49

**ENGLISH - CREATIVE WRITING (ENGCW)**

New	Old
ENGCW 400	ENGL 15
ENGCW 410	ENGL 15A
ENGCW 420	ENGL 15B
ENGCW 430	ENGL 15C
ENGCW 452	ENGL 17C
ENGCW 495	ENGL 49i
ENGCW 499	ENGL 49

**ENGLISH - EDUCATION (ENGED)**

New	Old
ENGED 305	ENGL 2
ENGED 320	ENGL 10
ENGED 495	ENGL 49i
ENGED 499	ENGL 49

**ENGLISH - LABORATORY (ENGLB)**

New	Old
ENGLB 70	ENGL 252
ENGLB 299	ENGL 99

**ESL - ENGLISH AS A SECOND LANGUAGE**

New	Old
ESL 90	ESL 252
ESL 299	ESL 99

**ESLG - ENGLISH GRAMMAR**

New	Old
ESLG 57	ESL 280G
ESLG 86	ESL 288V
ESLG 299	ESL 99

**ESLL - ENGLISH LISTENING**

New	Old
ESLL 20	ESL 200L
ESLL 30	ESL 260L
ESLL 40	ESL 270L
ESLL 50	ESL 280L
ESLL 299	ESL 99
ESLL 310	ESL 1L

**ESLP - ENGLISH PRONUNCIATION**

New	Old
ESLP 85	ESL 288P

**ESLR - ENGLISH READING**

New	Old
ESLR 20	ESL 200R
ESLR 30	ESL 260R
ESLR 40	ESL 270R
ESLR 50	ESL 280R
ESLR 310	ESL 1R
ESLR 499	ESL 49

**ESLW - ENGLISH WRITING**

New	Old
ESLW 20	ESL 200W
ESLW 30	ESL 260W
ESLW 40	ESL 270W
ESLW 50	ESL 280W
ESLW 85	ESL 288F
ESLW 86	ESL 288S
ESLW 310	ESL 1W
ESLW 499	ESL 49

**ENVIRONMENTAL TECHN (ENVT)**

New	Old
ENVT 304	ENVT 4
ENVT 350	ENVT 25
ENVT 350.1	ENVT 25A
ENVT 350.2	ENVT 25B
ENVT 350.3	ENVT 25C
ENVT 352	ENVT 26
ENVT 495	ENVT 49i
ENVT 498	ENVT 48
ENVT 499	ENVT 49

**FAMILY & CONSUMER SCIENCE (FCS)**

New	Old
FCS 312	FCS 34
FCS 314	FCS 35
FCS 322	FCS 33
FCS 324	FCS 38
FCS 494	FCS 18
FCS 495	FCS 49i
FCS 499	FCS 49

**FILM & MEDIA STUDIES (FMS)**

New	Old
FMS 300	FMS 10
FMS 495	FMS 49i
FMS 499	FMS 49

**FIRE TECH (FT)**

New	Old
FT 498	FT 98

**FRENCH (FREN)**

New	Old
FREN 101	FREN 50A
FREN 102	FREN 50B
FREN 311	FREN 42A
FREN 312	FREN 42B
FREN 401	FREN 1A
FREN 402	FREN 1B
FREN 411	FREN 2A
FREN 412	FREN 2B
FREN 495	FREN 49i
FREN 499	FREN 49

**GEOGRAPHY (GEOG)**

New	Old
GEOG 300	GEOG 1
GEOG 301	GEOG 11
GEOG 306	GEOG 6
GEOG 310	GEOG 2
GEOG 390	GEOG 24
GEOG 495	GEOG 49i
GEOG 499	GEOG 49

**GEOLOGY (GEOL)**

New	Old
GEOL 300	GEOL 1
GEOL 301	GEOL 2
GEOL 305	GEOL 8
GEOL 306	GEOL 8L
GEOL 310	GEOL 3
GEOL 311	GEOL 4
GEOL 330	GEOL 5
GEOL 342	GEOL 18
GEOL 345	GEOL 12
GEOL 347	GEOL 9
GEOL 351	GEOL 6
GEOL 390	GEOL 24
GEOL 495	GEOL 49i
GEOL 499	GEOL 49

**GERONTOLOGY (GERON)**

New	Old
GERON 300	GERON 2
GERON 331	GERON 41
GERON 333	GERON 42
GERON 495	GERON 49i
GERON 498	GERON 48
GERON 499	GERON 49

**GRAPHIC COMMUNICATION (GCOM)**

New	Old
GCOM 330	
GCOM 340	
GCOM 361	
GCOM 363	

**HEALTH EDUCATION (HEED)**

New	Old
HEED 300	HEED 1
HEED 312	HEED 11
HEED 313	HEED 10
HEED 314	HEED 12
HEED 350	HEED 2
HEED 495	HEED 49i
HEED 499	HEED 49

HISTORY (HIST)		
New		Old
HIST 307		HIST 11
HIST 308		HIST 12
HIST 312		HIST 17
HIST 313		HIST 18
HIST 314		HIST 21
HIST 331		HIST 35
HIST 344		HIST 28
HIST 495		HIST 49i
HIST 499		HIST 49

HORTICULTURE (HORT)		
New		Old
HORT 299		HORT 99
HORT 300		HORT 1
HORT 302		HORT 2
HORT 305		HORT 51
HORT 306		HORT 52
HORT 495		HORT 49i
HORT 498		HORT 48
HORT 499		HORT 49

HUMAN/CAREER DEVELOPMENT (HCD)		
New		Old
HCD 81		HCD 252
HCD 132		HCD 51C
HCD 310		HCD 2
HCD 330		
HCD 495		HCD 49i
HCD 499		HCD 49
HCD 1000		HCD 300

HUMAN SERVICES (HSER)		
New		Old
HSER 300		HSER 14
HSER 302		HSER 21
HSER 304		HSER 22
HSER 340		HSER 35
HSER 350		HSER 39
HSER 360		HSER 41
HSER 362		HSER 40
HSER 364		HSER 42
HSER 494		HSER 47
HSER 495		HSER 49i
HSER 498		HSER 48
HSER 499		HSER 49

HUMANITIES (HUM)		
New		Old
HUM 300		HUM 1
HUM 310		HUM 2
HUM 320		HUM 3
HUM 332		HUM 7
HUM 334		HUM 13
HUM 340		HUM 12
HUM 495		HUM 49i
HUM 499		HUM 49

JOURNALISM (JOUR)		
New		Old
JOUR 310		JOUR 10
JOUR 335		JOUR 35A
JOUR 336		JOUR 35B
JOUR 340		JOUR 40
JOUR 495		JOUR 49i
JOUR 499		JOUR 49

LIBRARY (LIBR)		
New		Old
LIBR 318		LIBR 15
LIBR 499		LIBR 49

MANAGEMENT (MGMT)		
New		Old
MGMT 308		MGMT 22
MGMT 360		MGMT 21
MGMT 362		MGMT 24
MGMT 372		MGMT 23
MGMT 495		MGMT 49i
MGMT 498		MGMT 98
MGMT 499		MGMT 49

MARKETING (MKT)		
New		Old
MKT 120		MKT 50
MKT 122		MKT 51
MKT 132		MKT 54A
MKT 134		MKT 54B
MKT 295		MKT 99i
MKT 299		MKT 99
MKT 300		MKT 20
MKT 310		MKT 22
MKT 312		MKT 24
MKT 314		MKT 26
MKT 330		MKT 21
MKT 495		MKT 49i
MKT 498		MKT 98
MKT 499		MKT 49

MATHEMATICS (MATH)		
New		Old
MATH 20		MATH 200
MATH 30		MATH 210
MATH 100		MATH 51
MATH 112		MATH 52
MATH 120		MATH 53
MATH 295		MATH 99i
MATH 299		MATH 99
MATH 300		MATH 1
MATH 310		MATH 2
MATH 335		MATH 20
MATH 341		MATH 43
MATH 343		MATH 44
MATH 344		MATH 42
MATH 350		MATH 16A
MATH 351		MATH 16B
MATH 361		MATH 27
MATH 370		MATH 29
MATH 400		MATH 9A
MATH 401		MATH 9B
MATH 402		MATH 9C
MATH 410		MATH 35
MATH 420		MATH 11
MATH 495		MATH 49i
MATH 499		MATH 49

MUSIC (MUFHL)		
New		Old
MUFHL 300		MUFHL 6
MUFHL 321		MUFHL 2
MUFHL 330		MUFHL 9
MUFHL 495		MUFHL 49i
MUFHL 499		MUFHL 49

MUSIC (MUIVI)		
New		Old
MUIVI 310		MUIVI 22A
MUIVI 311		MUIVI 22B
MUIVI 320		MUIVI 23A
MUIVI 321		MUIVI 23B
MUIVI 370		MUIVI 42A
MUIVI 371		MUIVI 42B
MUIVI 410		MUIVI 38
MUIVI 495		MUIVI 39
MUIVI 499		MUIVI 49

MUSIC (MUP)		
New		Old
MUP 350		MUP 19
MUP 357		MUP 18
MUP 495		MUP 49i
MUP 499		MUP 49

SPECIALIZATIONS IN MUSIC (MUSM)		
New		Old
MUSM 334		MUSM 62
MUSM 370		MUSM 9
MUSM 495		MUSM 49i
MUSM 499		MUSM 49

NATURAL RESOURCES (NATR)		
New		Old
NATR 302		NATR 3
NATR 304		NATR 5
NATR 320		NATR 2
NATR 495		NATR 49i
NATR 499		NATR 49

NUTRITION AND FOODS (NUTRI)		
New		Old
NUTRI 300		NUTRI 10
NUTRI 320		NUTRI 14
NUTRI 495		NUTRI 49i
NUTRI 499		NUTRI 49

PHILOSOPHY (PHIL)		
New		Old
PHIL 300		PHIL 6
PHIL 304		PHIL 3
PHIL 310		PHIL 5
PHIL 320		PHIL 4
PHIL 328		PHIL 2
PHIL 330		PHIL 20
PHIL 331		PHIL 21
PHIL 338		PHIL 8
PHIL 350		PHIL 10
PHIL 352		PHIL 9
PHIL 356		PHIL 16
PHIL 360		PHIL 7
PHIL 495		PHIL 49i
PHIL 499		PHIL 49

PHOTOGRAPHY (PHOTO)		
New		Old
PHOTO 262		PHOTO 90B
PHOTO 294		PHOTO 90
PHOTO 295		PHOTO 99i
PHOTO 299		PHOTO 99
PHOTO 300		PHOTO 1
PHOTO 301		PHOTO 40
PHOTO 400		PHOTO 57
PHOTO 410		PHOTO 59
PHOTO 425		PHOTO 14
PHOTO 495		PHOTO 49i
PHOTO 498		PHOTO 98
PHOTO 499		PHOTO 49

P.E. - DANCE		
	New	Old
DANCE 303		African Dance
DANCE 342		Social Dance
DANCE 495		Independent Studies in Dance
		OLD PER 49i
DANCE 499		Experimental Offering in Dance
		OLD PER 49

OLD PER 1		
	New	Old
		P.E. - FITNESS (FITNS)
FITNS 301		Aerobics
FITNS 304		Fitness Kickboxing
		Step Aerobics
FITNS 309		Body Fitness
FITNS 320		Fitness Ball
FITNS 323		Boot Camp Fitness
FITNS 331		Fire Fitness
FITNS 342		Trail Hiking
FITNS 366		Weight Trng
FITNS 382		Yoga
FITNS 391		Fitness Walking
FITNS 403		Karate Fitness
FITNS 410		Okinawan
FITNS 413		Kabudo
		Tai Chi
FITNS 414		Self-Defense/ Women
FITNS 451		Self-Defense/ Men
FITNS 452		Independent Studies in Fitness
FITNS 495		OLD PER 49i
FITNS 499		Experimental Offering in Fitness
		OLD PER 49

P.E. - PERSONAL ACTIVITIES (PACT)		
	New	Old
PACT 320		Bowling
PACT 353		Golf
PACT 392		Tennis
PACT 495		Independent Studies in Personal Activity
		OLD PER 49i
PACT 499		Experimental Offering in Personal Activity
		OLD PER 49

P.E. - TEAM ACTIVITIES (TMACT)		
	New	Old
TMACT 362		Team Sports

P E THEORY (PET)		
	New	Old
PET 301		Personal Wellness
		OLD PET 2

PHYSICS (PHYS)		
	New	Old
PHYS 310		PHYS 10
PHYS 311		PHYS 11
PHYS 350		PHYS 5A
PHYS 360		PHYS 5B
PHYS 411		PHYS 4A
PHYS 421		PHYS 4B
PHYS 431		PHYS 4C
PHYS 495		PHYS 49i
PHYS 499		PHYS 49

PHYSICAL SCIENCE (PS)		
	New	Old
PS 302		PS 1
PS 495		PS 49i
PS 499		PS 49

**POLITICAL SCIENCE (POLS)**

New		Old	
POLS 301		POLS 1	
POLS 302		POLS 2	
POLS 310		POLS 10	
POLS 495		POLS 49i	
POLS 499		POLS 49	

**PSYCHOLOGY (PSYC)**

New		Old	
PSYC 300		PSYC 1	
PSYC 312		PSYC 2	
PSYC 320		PSYC 3	
PSYC 330		PSYC 5	
PSYC 335		PSYC 4	
PSYC 351		PSYC 7	
PSYC 354		PSYC 24	
PSYC 356		PSYC 25	
PSYC 358		PSYC 40	
PSYC 360		PSYC 28	
PSYC 372		PSYC 34	
PSYC 495		PSYC 49i	
PSYC 499		PSYC 49	

**REAL ESTATE (RE)**

New		Old	
RE 110		RE 81	
RE 120		RE 82	
RE 130		RE 83	
RE 140		RE 84	
RE 141		RE 94	
RE 150		RE 85	
RE 160		RE 86	
RE 161		RE 87	
RE 190		RE 95	
RE 295		RE 99i	
RE 299		RE 99	
RE 300		RE 19	
RE 495		RE 49i	
RE 499		RE 49	

**SIGN LANGUAGE STUDIES (SILA)**

New		Old	
SILA 305		SILA 1	
SILA 306		SILA 2	
SILA 315		SILA 3	
SILA 316		SILA 4	
SILA 345		SILA 54	
SILA 495		SILA 49i	
SILA 499		SILA 49	

**SOCIAL SCIENCE (SOCSC)**

New		Old	
SOCSC 338		SS 45	
SOCSC 360		SS 16	
SOCSC 495		SS 49i	
SOCSC 499		SS 49	

**SOCIOLOGY (SOC)**

New		Old	
SOC 300		SOC 1A	
SOC 301		SOC 1B	
SOC 310		SOC 3	
SOC 321		SOC 5	
SOC 335		SOC 22	
SOC 495		SOC 49i	
SOC 499		SOC 49	

**SPANISH (SPAN)**

New		Old	
SPAN 101		SPAN 50A	
SPAN 102		SPAN 50B	
SPAN 311		SPAN 42A	
SPAN 312		SPAN 42B	
SPAN 401		SPAN 1A	
SPAN 402		SPAN 1B	
SPAN 411		SPAN 2A	
SPAN 412		SPAN 2B	
SPAN 425		SPAN 35	
SPAN 434		SPAN 52A	
SPAN 495		SPAN 49i	
SPAN 499		SPAN 49	

**STATISTICS (STAT)**

New		Old	
STAT 300		STAT 1	
STAT 495		STAT 49i	
STAT 499		STAT 49	

**STUDENT GOVT (SGVT)**

New		Old	
SGVT 300		SGVT 1	
SGVT 499		SGVT 49	

**THEATRE ARTS (TA)**

New		Old	
TA 300		TA 1	
TA 340		TA 13	
TA 494		TA 42	
TA 495		TA 49i	
TA 498		TA 48	
TA 499		TA 49	

**WORK EXPERIENCE (WEXP)**

New		Old	
WEXP 198		WEXP 97	
WEXP 298		WEXP 98	
WEXP 498		WEXP 48	

# College Administration

Thelma Scott-Skillman

President

Kathleen Kirklin

Vice President, Administration

Susan L. Lorimer

Vice President, Instruction

Denise Noldon

Vice President, Student Development and Enrollment Management

Monica Flores

Dean, Instruction

Bruce Werner

Interim Dean, Instruction, El Dorado Center

Gary Hartley

Dean, Instruction & Technology

Stuart Van Horn

Dean, Instruction, Occupational Education, Workforce Development

## Degrees - Faculty and Administration

*NOTE: Year in parentheses refers to date of full-time hiring at Los Rios Community College District or Folsom Lake College.*

ABRAHAM, Linda (2005)

Microbiology

Ph.D., University of British Columbia

ALEXANDER, John E. (1997)

Instructional Programs Coordinator and English Instructor

B.A., Ohio State University; M.A., CSU, Sacramento

ANAYAH, Bernadette M. (2002)

English as a Second Language

B.A., Trinity College, Dublin, Ireland; M.A., CSU, San Francisco

BAKER, James B. (1991)

Communications Media

A.A., Santa Rosa Junior College; B.A., CSU, Sonoma; M.Ed., University of Nevada/Reno

BECKMAN, Karen L. (1973)

Physical Education

B.A., M.A., CSU, Sacramento

BOYLAN, KC (2001)

Communication Studies

A.A., American River College; B.A., CSU, Sacramento; M.A., CSU, Chico

CARAMAGNO, Thomas (2005)

English

M.A., Loyola Marymount University; M.A., Loyola Marymount University; Ph.D., UCLA; M.A., Professional School of Psychology

CHANG, Diana (2005)

English as a Second Language

A.A., Sacramento City College; B.A., UC, Davis; M.A., Columbia International University

CHIANG, Michelle (2001)

Mathematics

B.A., UC, Berkeley; M.A.T., UC, Davis

CHURCH, Kristi P. (1989)

Instructional Program Coordinator and CIS Instructor

B.A. in Psychology, Chapman University; M.A. in Educational Administration, Chapman University

CLARK, Christopher S. (2005)

Counselor, Articulation Officer

A.A., West Valley College; B.A., M.S., San Francisco State University

COOPER, David (1998)

Computer Information Science

B.S., Chapman College

CURRAN, Tim (2000)

Mathematics

B.S., Northern Arizona University; M.A., CSU, San Bernardino

DALY, Lisa C. (1998)

Early Childhood Education

B.A., M.A., San Francisco State University

DANNER, Lisa (2005)

English

A.A., Los Angeles Pierce College; B.A., CSU, Northridge; M.A., UC, Davis

DOWELL, Zachary (2001)

Instructional Design & Development Coordinator

B.A., M.A., CSU, Los Angeles

EITEL, Joseph E. (1997)

Mathematics

M.A., Fresno Pacific University

ELLERMAN, C. Howell (2003)

Business

A.B., Occidental College; J.D., Loyola Law School; IEM Certificate, Harvard University

FLETCHER, Francis (2001)

English

B.A., M.A., CSU, Sacramento

FLORES, Juan J. (2004)

Counselor, EOP&S/CARE/CalWORKs Coordinator

B.A., M.S., CSU, Sacramento

FLORES, Monica (2004)

Dean, Instruction

B.A., New Mexico State University; M.A., New Mexico State University; Ph.D., Colorado State University

FOSTER, Ted F. (1998)

Chemistry

B.S., Carleton College; M.S., Ph.D., UC, San Diego

FUSON, Joy A. (1999)

Mathematics

B.S., UC, Davis; M.A., CSU, Sacramento

GERMANY, Talver J. (1989)

Counselor

B.A., M.S., CSU, Sacramento

GIBSON, Bernard (2005)

Business

B.P.A., University of Mississippi; M.B.A., CSU, San Francisco

GREENE, Calvin D. (1992)

Mathematics

B.S., Louisiana State University; M.S., M.A., UC, Davis

HARRELL, Kimberly (2001)

Physical Education

B.A., M.A., UC, Davis

HARTLEY, Gary (2004)

Dean, Instruction & Technology

B.A., Trinity College; M.A., Trinity Evangelical Divinity School; ABD, Northern Illinois University

HEGNER, Paula E. (1997)

Accounting

M.S., CSU, Sacramento

HILL, David H., (1990)

Counselor

A.A., Ricks College; B.A., Humboldt State University; M.Ed., Ed.D., Brigham Young University

HWANG, Eunyong (2000)

Art

B.A., Wagner College; M.F.A., West Texas A&M; M.A., University of North Texas

JENSEN, Wayne (2001)

Mathematics

A.S., American River College; B.A., CSU, Sacramento; M.A., University of Colorado

JIMENEZ, Regina A. (1990)

Librarian

B.A., CSU, Sonoma; M.L.S., UC, Berkeley

JONES, Janis Cox (1983)

English

B.A., M.A., Stanford University; Ph.D., Union Institute and University

- KIRKLIN, Kathleen (1987)  
Vice President for Administration  
B.A., National University; M.B.A., Golden Gate University
- KRAEMER, Jennifer L. (2002)  
Early Childhood Education  
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- PENDER, Sarah (1982)  
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Early Child Education  
B.A., CSU, Sacramento; M.A., Pacific Oaks
- PIETROMONACO, Dean (2000)  
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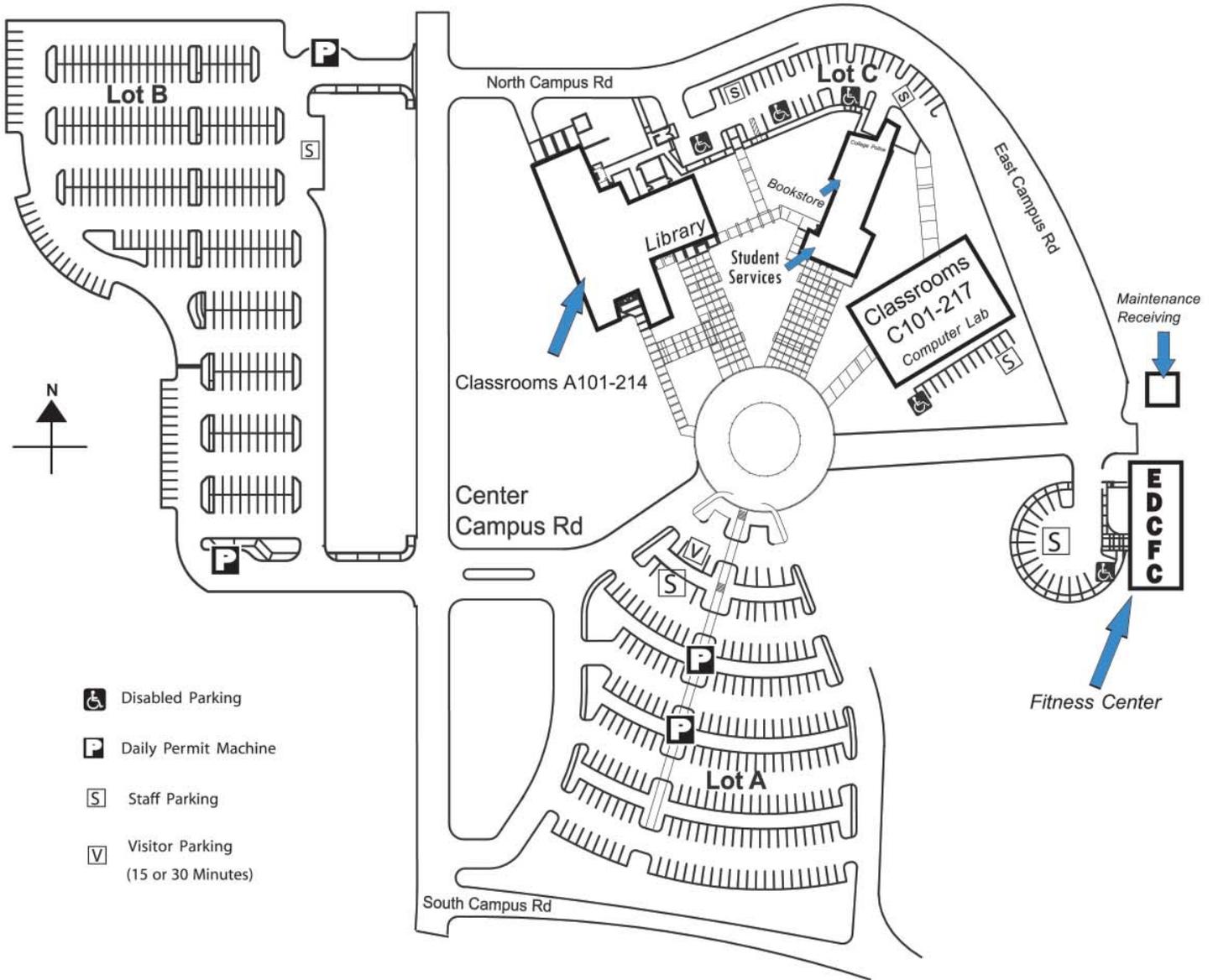
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# The El Dorado Center

6699 Campus Drive, Placerville, CA 95667 ■ 530-642-5644



## El Dorado Center Legend

**Building 1**  
Classrooms A101-214  
Library

**Building 2**  
*First Floor*  
Admissions  
Assessment  
Bookstore (B-127)  
CalWORKs/EOP&S  
College Police (B-128)  
Counseling  
DSP&S (B-121)  
Financial Aid (B-120)  
Student Government (B-122)  
Student Lounge  
Student Services

*Second Floor*  
College Administration  
Outreach (B-232)

**Building 3**  
Classrooms C101-214  
*First Floor*  
Community Room (C-102)

*Second Floor*  
Computer Lab (C-204)  
English Center (C-213)  
Tutoring Center (C-204)

**Building 4**  
Fitness Center (EDCFC)

**Building 6**  
Custodial  
Facilities Management/Grounds  
Maintenance  
Receiving