

Folsom Lake College 2008-2009 College Catalog

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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

If you're looking for great information about Folsom Lake College, you've found the perfect publication! This 2008-09 Folsom Lake College catalog is packed with lots of details to help you make informed choices about your education.

Inside, you'll find information about:

- detailed specifics on the college's academic programs, degrees, and certificates
- the resources Folsom Lake College offers to help you succeed as a student
- steps on how to become a student

Folsom Lake College is a community college – our primary mission is to serve the educational needs of our communities. We are proud to serve our communities and provide higher-education opportunities for all. We offer a friendly, student-centered environment designed to help everyone succeed – whatever your educational goals may be.

Your goal may be to prepare for transfer to a 4-year university, boost your career, or just learn something new. You'll find something

at Folsom Lake College regardless of what that goal may be.

One thing I wanted to mention is that Folsom Lake College is developing new academic programs, especially in various career and technical fields. This catalog includes exciting new classes and programs in Project Management, Nonprofit Management, Fire Technology, Theatre Arts, and Water Resource Management.

I hope you will consider Folsom Lake College as you pursue your educational dreams and goals. Thank you for your interest in Folsom Lake College.



Dr. Thelma Scott-Skillman
President, Folsom Lake College



Students, faculty, staff, & administrators pose for a group photo in front of the Falcon's Roost on the Folsom campus in May 2007.

About Folsom Lake College

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

Folsom Lake College

Folsom Lake College is a comprehensive, public community college, the 109th community college in the State of California. 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 10 College Parkway (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

The college's Master Plan calls for the college gradually growing to eventually accommodate 15,000-20,000 students.

In Spring 2008, Folsom Lake College enrolled 8,338 students choosing from among approximately 1,000 different course offerings. Those students were served by 93 full-time faculty, 193 part-time faculty, 87 classified staff, and 10 administrators.

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.

Folsom Lake College Value Statements

Excellence

Folsom Lake College strives for excellence in programs and services through fostering innovative teaching practices and educational technologies and valuing personal interactions as the core to learning.

Inclusion

Folsom Lake College provides equitable access to programs and services, celebrates the diversity of students and staff, fosters an atmosphere of collaboration, and encourages the free exchange of ideas and the pursuit of individual goals.

Community

Folsom Lake College endeavors to build community through addressing the educational needs of its service area, reaching out to underrepresented populations, fostering relationships with local schools and transfer institutions, and forging partnerships with businesses and community organizations.

Student Success

Folsom Lake College promotes student success by providing student centered academic and support services and creating opportunities for employment, internships, and community service.

El Dorado Center

Folsom Lake College's El Dorado Center was established in the mid-1960s 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 County 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 on the western slope of the Sierra Nevada in El Dorado and adjoining counties. 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.



One of the instructional buildings at the El Dorado Center in Placerville

About FLC Students

Gender	
Female	63%
Male	37%

Age	
Under 18	4%
18-20	33%
21-24	18%
25-29	11%
30-39	13%
40+	22%

Race/ethnicity	
African-American	2%
Asian	10%
Hispanic/Latino	10%
Native American	2%
Other	2%
White	74%

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, physical education, administration of justice, 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.



The entrance to the Rancho Cordova Center

About Our Programs

A Commitment to Student Success

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.

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.

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 career 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.

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.

Associate Degrees and Certificates

Folsom Lake College offers training needed to qualify students for a well-paying job with opportunities 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 technical programs are offered in many areas that employers need. Career technical (vocational or occupational) education includes 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 students less than 18 years of age to enroll in up to 2 courses per semester 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. **In addition, fees for non-residents and international students still apply.** The Advanced Education Application must accompany the college enrollment 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.

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.

Other resources

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.

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 or visit 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.

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 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.

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. For fee information, contact the Admissions Office.

Requirements for I-20 Issuance:

1. Evidence of English Proficiency:
 - Official TOEFL test result of 450 minimum (written), 133 (computer based), or 45 minimum (Internet based). The FLC TOEFL school code # is **8685** or;
 - FLC ESL assessment exam (you can access this schedule online at www.flc.losrios.edu).
2. Financial Support:
 - Official bank letter/BCIS affidavit of support in the exchange rate of \$15,500 U.S.
3. Educational History:
 - 1 official high school diploma/transcript showing graduation, or;
 - 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.
9. Under age 18; must also provide an official power of attorney from home country stating guardianship.

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.

Registration Steps for Students

If you are a...	then . . .
<p>Continuing Student (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 eServices system to complete the Supplemental Enrollment Information Form.</p>
<p>First-time Student (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"> a) Complete an online application for admission. b) Take the appropriate assessment test. Test schedules are available from Admissions & Records online and at each site. c) Attend Orientation & Counseling. d) 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.
<p>New Transfer Student (never attended a Los Rios college before)</p> <p>Returning Student (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"> a) Complete an online application. b) Submit official transcripts of all college work to the Admissions & Records office. c) After completing a and b, register for classes.
<p>Veteran and/or Dependent All recipients must confirm their classes with the Admissions & 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 MUST be submitted to the Admissions & Records office. For more information, veterans or dependents should contact the FLC Admissions & Records office at (916) 608-6500.</p>	<p>Two months prior to the term of attendance, complete an online application and contact the Admissions & Records office.</p>
<p>International Student</p>	<p>Six months prior to the term of attendance, complete an online application and contact the Admissions & Records office. <i>For more details, see the International Student Admissions section.</i></p>
<p>High School Student (concurrently enrolled in high school) See your high school counselor for an Advanced Education Application or contact the Admissions & Records office.</p>	<p>To qualify for Priority 2 or open registration:</p> <ol style="list-style-type: none"> 1. Complete an online application. 2. Obtain an Advanced Education Application through high school and obtain appropriate approvals. 3. Submit Advanced Education Application along with copy of most recent high school transcript for college counselor approval. 4. Register for classes in person only.

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 (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 and to participate in activities and programs designed to support student success.

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.

Students who have completed college or university level courses outside the United States and are requesting credit must have those transcripts evaluated by a Foreign Credit Evaluation Services. A list of these Evaluation Services can be found at www.naces.org/

A student's official transcript from another college or university or from a high school becomes the property of FLC and cannot be distributed to a third party, including the student, without a court order, in accordance with District policy 2215. Students desiring such transcripts must request them directly from the issuing institution.

Registration

Students may register for classes using the following methods:

- Via the Internet using eServices at www.flc.losrios.edu; or
- In person at the Admissions & Records offices.
- The Telephone Registration System will not be available for use beginning March 18, 2008. It is expected that the system will be available by July 2008. Until then, students can use the online registration system or they can register on campus by going to Admissions & Records offices during regular hours. Please check the Los Rios District Web site at www.losrios.edu/lrc/lrc_reg.html for updated information concerning telephone registration.

For detailed information on registration procedures refer to the current class schedule or online at www.flc.losrios.edu.

Fees

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 \$20 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 nonresident 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 an international student 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 or online.*

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, 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 (\$2.50 for students receiving BOG fee waivers); \$10 per semester for 6 to 11.9 units (\$5.00 for students receiving BOG fee waivers); and \$15 per semester for 12 units or more (\$7.50 for students receiving BOG fee waivers). 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 enrolled in the Criminal Justice Training Consortium; students enrolled in Apprenticeship programs; those UC Davis students taking classes on the UC Davis main campus; and students studying abroad. Students who are enrolled in online courses only may request a refund during the semester.
- Students can get their Student Access card beginning August 1 for the Fall semester and January 5 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 eServices) 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.

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 permit 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 eServices at www.flc.losrios.edu or in person at the Admissions & Records office by the second Friday of the semester for full-semester classes and the first Friday of the semester for short-term classes (5-week, 8-week, summer sessions).
- Submit a Request for Fee Refund 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 link 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 second Friday of the semester. Short-term courses are 100% refundable through the first Friday of the term. 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 second Friday of the fall or spring semester and the first Friday of the term for the 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.

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/.

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 sports events and other college activities where student identification is required.

Regional Transit Pass Card

Students approved a Universal Transit Pass fee which 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 which 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 photo copies 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. (Note: If you still have money on a former Los Rios GoPrint card, you can continue to use that card until the value is spent by going to a Revalue Station and inserting your card to reactivate it.)

Discount Card

Some stores and merchants offer discounts to our students. Use your Student Access card to prove you qualify for the discount.

Where to pick up your Student Access card:

FLC: Computer Lab/Library in FL1

EDC: Computer Lab

RCC: Main Counter

Can I get a card for the Summer Session?

Yes, new students who are only attending classes during the summer can get a Student Access Card. The card functions the same as a regular semester card, except students cannot use it as a public transportation pass. Students continuing in summer from the spring semester should continue to use their existing card for the summer session.

If your card is lost, stolen, or damaged:

There is no charge to replace a damaged, lost, or stolen card. Damaged cards or damaged stickers will be replaced free of charge. Please bring the damaged card with sticker to a location where cards are issued. Fees will be charged if the sticker is not on a damaged card.

College and Academic Regulations

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.

Academic Renewal without Course Repetition

A student may have previous substandard work earned within the District alleviated if it is not reflective of a student's current demonstrated ability according to the following regulations and procedures:

- For purposes of academic renewal, substandard work is defined as a D or F grade; and alleviate is defined as the letter grade remaining on the transcript but removed from calculating the grade point average;
- The maximum amount of coursework that may be alleviated is thirty (30) units;
- A minimum of 12 consecutive months shall have elapsed since the end of the semester or summer session in which the work to be alleviated was recorded; and a minimum of twelve (12) semester units (or its equivalent) with a grade of C or Credit or better shall have been attained. The coursework must have been completed at a regionally accredited college.
- All work on the permanent record must remain legible, insuring a true and complete academic history;
- College procedures related to academic renewal will be published in the college catalog and will be implemented by the Office of Admissions and Records;
- Records of academic renewal action shall be kept by the Admissions and Records Office at each college.
- If using coursework from outside of the Los Rios Community College District, an official transcript must be on file at Admissions and Records.

Attendance

Students are expected to attend all sessions of the class in which they are registered. If, however, absence is excessive, 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 either online using eServices at www.flc.losrios.edu, or in person. Excessive absence is defined as exceeding six percent (6%) of the total hours of class time. For attendance purposes, the college regards a laboratory session as the equivalent of one class meeting. Instructors shall state in each course syllabus what constitutes excessive absence for that course.

Students who fail to attend one of the first three class sessions of a course will 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.

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.

Change of Address/Name

Students must report a change of address immediately to the Admissions & Records office using a Change of Student Data form (or submit the change online via eServices at 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.

Course Repetition

Repetition of courses taken at accredited colleges will not be allowed, except for the following specified cases. A course may be repeated twice. One of the following conditions must be present for the repetition to be allowed:

- A student may repeat a course in which a substandard grade was received. Substandard grade is defined as D, F, or NP. The grade and credits earned in the second or third enrollment shall be used exclusively in determining the grade points earned for that particular course.
- A student may repeat a course a third time per extenuating circumstances. Extenuating circumstances are verified cases of accidents, illness, or other circumstances beyond the control of

the student. Grades awarded for courses repeated under this circumstance shall not be counted in calculating a student's grade point average.

- The college finds, upon a student's petition, that a student should 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 in calculating a student's grade point average.

When course repetition occurs, the permanent academic record shall be annotated in such a manner that all work remains legible, insuring a true and complete academic history.

The colleges shall identify courses in their catalogs that are repeatable up to a maximum of three times beyond the first enrollment on the basis that the course content differs each time it is offered, and that the student who repeats it is gaining an expanded educational experience for one of the following reasons:

- Skills or proficiencies are enhanced by supervised repetition and practice within class periods.
- Active participatory experience in individual or group assignments is the basic means by which learning objectives are obtained.

Course repetition that is necessary for a student to meet a legally mandated training requirement as a condition of continued paid or volunteer employment is not limited to one repetition (Title V, section 58161).

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 Dean 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

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.

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.

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

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. The Credit/No Credit 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.

Note: Please check with your transfer institution to ensure that they accept courses with a "Credit" versus a letter (A, B, C) grade.

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 class is dropped by the student prior to the end of the fourth week of classes or 30% of a course whichever time frame is shorter. Withdrawals will be noted on the permanent academic record as "W" between the beginning of the fifth week or after 30% of a course whichever time frame is shorter and

the last 25% of semester courses. 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.

A "W" is not used in calculating grade point averages, but is used for determining progress probation and progress dismissal. See page 14 for the progress probation and dismissal procedures.

Students may drop classes two different ways: online using eServices 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.

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.

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

Computations:

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

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

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 eServices.

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.

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.

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.

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.

Credit/units will be used when evaluating an A.A. or A.S. degree,

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

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.

Cooperative Work Experience

Cooperative Work Experience Education (WEXP) 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
 Architecture
 Automotive Mechanics Technology
 Business
 Communications Media
 Computer Information Science
 Construction Management Technology
 Early Childhood Education
 Environmental Technology
 Fire Technology
 Health Education
 Horticulture
 Human Services
 Management
 Marketing
 Photography
 Theatre Arts

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

New (First-time) Students:

- You must be enrolled in no fewer than 7 units including WEXP.
- You are working a paid or non-paid job or internship.
- 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 7 units at a community college or four-year institution in California.
- You are working a paid or non-paid job or internship.
- 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.
- 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) 608-6552.

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.

Independent Studies

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

Students who are enrolled in regular catalog courses at Folsom Lake College and are in good standing may petition to enroll in an independent studies offering. 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 Independent Studies allowed per semester. A maximum of twelve (12) units of Independent 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 Independent Study may not be transferable; the student should consult a counselor regarding a specific college or university's acceptance of these units.)

Application: To apply for Independent Study a qualified student first discusses the proposed study with the instructor who will supervise the study and with the appropriate instructional dean. If the instructor agrees to supervise the project, the student then completes a petition and course proposal 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 eight-week class (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.

Military Service - Credit

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 three (3) units of living skills graduation requirements and one (1) unit of elective credit, if applicable, by submitting a copy of the DD214 separation papers. 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 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.

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 often full-semester 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.

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.

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/~itv

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.

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.

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 prepare a Petition for Certification form.

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 form available in the Counseling Office by the date set forth in the academic calendar (located on the inside front cover of this catalog).

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.

New Numbering for Associates Degree General Education Patterns

Beginning with the 2008-09 catalog, all associates degree general education patterns within the Los Rios Community College District will align to a new numbering system. As a result, the format of the general education pattern has changed. Please use the chart below as a reference for the pattern. If you have questions, please consult a counselor.

Courses in Categories for GE Requirements before 2008-09	New categories beginning 2008-09
1. Natural Sciences	IV. Natural Sciences
2. Social and Behavioral Sciences	V.b. Social and Behavioral Sciences — Other
3. American Institutions	V.a. Social and Behavioral Sciences — American Institutions
4. Humanities	I. Humanities
5. a. Languages and Rationality — English Composition	II.a. Languages and Rationality — English Composition
5.b. Languages and Rationality — Communications & Analytical Thinking	II.b. Languages and Rationality — Communications & Analytical Thinking
6.a. Living Skills — Physical Education	III.a. Living Skills — Physical Education
6.b. Living Skills — Other	III.b. Living Skills — Other
7. Ethnic/Multicultural Studies Requirement	VI. Ethnic/Multicultural Studies Requirement

Associates Degree Graduation Requirements

For 2008-09, the format of the general education pattern has changed. Please see the chart on page 21 for more information.

2008 - 2009 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.	C	IP	N
B. MAJOR – Complete one of the degree programs listed in the Catalog with a minimum "C" grade in each course used for the major.			
GENERAL EDUCATION - Complete the following (21 units minimum) C=completed, IP=in progress, N=needed			
C. I. HUMANITIES (3 units minimum) selected from: Architecture 310; Art History 300, 303, 309, 311, 312, 326, 332, 333; Art 300, 304, 307, 320, 323, 370, 372, 390, 430; Communications Media 305*; Communication Studies 305; Early Childhood Education 361; English Writing 301; English Literature 303, 310, 311, 320, 321, 339, 340, 341, 345, 360, 370, 402; Film and Media Studies 320*, French 101, 102, 401, 402, 411; Humanities 300, 310, 320, 332, 334, 340; Music Fundamentals, History & Literature 300, 310, 311, 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, 302, 303, 304, 320*, 350 Course from other college: _____ College Name: _____			
II. 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 310; Computer Information Science---Programming 350, 360, 400; English Reading 310; English Writing 302; English Creative Writing 400, 410, 420, 430; Geography 330; 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: _____			
III. 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, 310; Communications Studies 321; Early Childhood Education 312*, 314, 350, 415; English Education 320; Family and Consumer Science 322, 324*; Gerontology 300; Health Education 300, 320, 350; Human/Career Development 310, 318, 330, 335; Human Services 302; Library 318; Nutrition and Foods 300, 320; Physical Education Theory 301, 410; Psychology 354, 356, 370*, 372*, 358, 368; 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: _____			
IV. NATURAL SCIENCES (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: _____			
V.(a) AMERICAN INSTITUTIONS (3 units minimum) selected from: History 312, 313, 314, 331; Political Science 301 Course from another college: _____ College Name: _____			
V.(b) 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; Family and Consumer Science 324*, Geography 310; Gerontology 300; History 307, 308, 344; Journalism 310; Philosophy 360; Political Science 302, 310; Psychology 300, 320, 340, 351, 368, 370*; Sociology 300, 301, 321, 335 Course from another college: _____ College Name: _____			
VI. ETHNIC/MULTICULTURAL STUDIES REQUIREMENT – Students must fulfill a 3-units Ethnic/Multicultural Studies course requirement. <i>(Most of these courses may also be used to meet General Education requirements.)</i> 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; Nutrition 310; Philosophy 352; Psychology 368; Sociology 321. Course from other college: _____ College Name: _____			
D. 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 310 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: _____			

- Courses listed in more than one area may only be used to satisfy the requirements in a single area (Exception: Ethnic/Multicultural Studies).
- Courses marked with a single "*" have credit limitations. Please consult a counselor for details.

Degrees and Certificates

Folsom Lake College offers a variety of degree and certificate options. 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.

Degrees

Accounting (AA)

Administration of Justice (AA)

- Correctional Science (AA)

Art

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

Biology

- Biological Sciences (AS)
 - Biology Option
 - Health Science, Pre-Professional Option
 - Pre-Nursing Option

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)

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 of Achievement (A) & Recognition (R)

Accounting

- Accounting (A)
- Accounting - Advanced (A)
- Accounting Clerk (A)
- Accounting - Computer Applications (A)

Business

- Office Assistant (R)
- Office Technician (A)
- Small Business Management/Entrepreneurship (A)

Communication Studies

- Applied Communication Skills (R)

Computer Information Science

- Computer Programmer SQL (A)
- Database Analyst SQL (R)
- Programming (A)
- Relational Database Administration (A)
- Web Developer (A)
- Web Publishing (R)
- Windows Programming (A)

Early Childhood Education

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

Graphic Communication

- Web/Graphics Production (R)

Human Services

- General (A)
- Gerontology (A)
- Home Caregiver (R)

Management Information Systems

- Application Data Entry (R)
- Application Technician (A)
- Information Processing (A)

Real Estate

- Broker (A)
- Sales (R)

Transfer Information

Make a plan for your transfer success

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.

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

Guaranteed Admission with Four-Year Colleges: Folsom Lake College enjoys guaranteed admission with 13 colleges and universities. Participating institutions include:

- CSU Monterey Bay
- Golden Gate University
- Sacramento State University
- Saint Mary's University
- San Francisco State University
- UC Davis
- UC Merced
- UC Irvine
- UC Riverside
- UC San Diego
- UC Santa Cruz
- UC Santa Barbara
- University of the Pacific

Students may file a transfer admission guarantee (known as a TAG) after completing a specified number of transferable units with a minimum GPA (typically a 2.8 or higher) as determined by the transfer institution. Please see a counselor for TAG details including application deadlines.

Transfer to California State University

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), 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.

Crossover Enrollment with Sacramento State University: Students who have completed 30 transferable units with a 2.0 GPA may be eligible to take classes at Sacramento State University through the Crossover Enrollment Program, free of charge. For details and a crossover application, please contact the counseling department.

Transfer to University of California

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.)

Transfer to Private Colleges

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 2007-08 academic year. Students need to meet with a counselor for updated requirements.****

CSU – General Education/Breadth Requirements

<p>A total of 39 units of lower division general education may be certified by Folsom Lake College (note GE represents part of the 60 units required to transfer as an upper division transfer student).</p> <p>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.</p> <p>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.</p>			
AREA A – ORAL and WRITTEN COMMUNICATION, and CRITICAL THINKING ("C" grade or better required)			
9 units, with one course from each group:			
A1	Oral Communication: Communications Studies 301, 331, 361 Course from another college: _____ College Name: _____		
A2	Written Communication: English-Writing 300 Course from another college: _____ College Name: _____		
A3	Critical Thinking: Communications Studies 311, 315; English-Writing 301, 302; Philosophy 300, 320, 325, 328 Course from another college: _____ College Name: _____		
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).			
B1	Physical Sciences: 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**, 421**, 431** Course(s) from other college(s): _____ College Name: _____		
B2	Life Forms: Anthropology 300, 301*; Biology 300, 307**, 310**, 323**, 350, 400**, 410**, 420**, 430**, 431**, 440**, 470; Environmental Technology 304, Psychology 312** Course(s) from other college(s): _____ College Name: _____		
B4	Mathematics/Quantitative Reasoning ("C" grade or better required): 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: _____		
AREA C – ARTS, FOREIGN LANGUAGES, LITERATURE and PHILOSOPHY – 9 units minimum, with AT LEAST one course from Arts, and one from Humanities			
C1	Arts: Architecture 310; Art-History 300, 303, 309, 311, 312, 326, 332, 333; Art 300, 302, 304, 305, 312, 320, 323, 327, 328, 370, 372, 430; Communications Media 305; Film & Media Studies 300; Music Fundamentals, History & Literature 300, 310, 311, 321, 330, 400, 401, 410; 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	Humanities: English-Creative Writing 400, 410; English-Literature 303, 310, 311, 320, 321, 339, 340, 341, 345, 360, 370, 402; English-Writing 301; French 311, 312, 401, 402, 411, 412; History 307, 308; 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: _____		
AREA D (D0-D9) – SOCIAL and BEHAVIORAL SCIENCES – 9 units minimum (An ^ ^ denotes courses that satisfy CSUS' Race and Ethnicity Grad Requirement)			
TWO COURSES	American History and Institutions: can be met by one of the following combinations: 6 semester units, choose one two-course combination from Group 1 or Group 2 Group 1: One course from History 312, 313, or 331 paired with Political Science 301 OR ; Group 2: History 312 paired with one course from History 313 or 314 Course(s) from other college(s): _____ College Name: _____		
ONE COURSE	3 units, selected from the following: Anthropology 310, 319, 320, 330; Business 330, 345; Communications Studies 325^^, 341, 363; Communications Media 300; Economics 302, 304; Early Childhood Education 312*, 314;*Family & Consumer Sciences 312*, 314*; Geography 310; Gerontology 300; History 307, 308, 344; Journalism 310; Philosophy 360; Political Science 302, 310; Psychology 300, 312, 320, 335, 340, 351, 368, 372; Social Sciences 338, 360; Sociology 300, 301, 321^^, 335 Course(s) from other college(s): _____ College Name: _____		
AREA E – LIFELONG UNDERSTANDING and DEVELOPMENT – 3 units minimum			
Communications Studies 321; Early Childhood Education 314*; 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) Requires copy of DD-214			

Intersegmental General Education Transfer Curriculum (IGETC)

****Information is current as of the 2007-08 academic year. Students need to meet with a counselor for updated requirements.****

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. **The course requirements in ALL areas must be completed before IGETC can be certified.** 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.

AREA 1 – ENGLISH COMMUNICATION

CSU – 3 courses required, one from Group A, one from Group B, and one from Group C

UC – 2 courses required, one from Group A and one from Group B

COMP IN PROG NEED

<p>Group A: English Composition, 1 course, 3 semester/4-5 quarter units English Writing 300</p> <p>Course from another college: _____</p>			
<p>Group 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>Group C: 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>			

AREA 2 MATHEMATICAL CONCEPTS and QUANTITATIVE REASONING

1 course, minimum 3 semester/4-5 quarter units
Math 341*, 344, 350*, 351*, 370*, 400*, 401*, 402*; Psychology 330*; Statistics 300*

Course(s) from other college(s): _____ Advanced Placement Score: _____

AREA 3 – (A) ARTS and (B) HUMANITIES

3 Courses, with at least one course from the Arts and one course from the Humanities, 9 semester/12-15 quarter units

(A) ARTS:

Art History 300, 303, 309, 311, 312, 326, 332, 333; Communications Media 305*; Film & Media Studies 300;
Music Fundamentals, History & Literature 300*, 310, 311, 321*, 330, 400, 401; Photography 425*; Theatre Arts 300

Course(s) from other college(s): _____ Advanced Placement Score: _____

(B) HUMANITIES:

English Literature 303, 310, 311, 320, 321, 339, 340, 341, 345, 360, 402; French 411, 412; History 307, 308;
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

Course(s) from other college(s): _____ Advanced Placement Score: _____

Additional ARTS OR HUMANITIES

AREA 4 (4A - 4J) – SOCIAL and BEHAVIORAL SCIENCES

3 courses from at least 2 disciplines or an interdisciplinary sequence, 9 semester/12-15 quarter units

Anthropology 310, 320, 330; Business 345*; Communications Studies 325**[^]; Communications Media 300*;
Economics 302, 304; Early Childhood Education 312*; Family & 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, 368, 372*; Social Science 338, 360; Sociology 300, 301, 321**[^]

Course(s) from other college(s): _____ Advanced Placement Score: _____

[^]Indicates courses that satisfy CSUS' Race and Ethnicity Graduation Requirement

AREA 5 (A/B) – PHYSICAL and BIOLOGICAL SCIENCES

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

(A) PHYSICAL SCIENCES:

Astronomy 300, 400**[^]; Chemistry 305**[^], 306**[^], 321, 322**[^], 400**[^], 401**[^], 420**[^], 421**[^]; 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: _____

(B) BIOLOGICAL/LIFE SCIENCES:

Anthropology 300, 301**[^]; Biology 300, 307**[^], 310**[^], 323**[^], 400**[^], 410**[^], 420**[^], 430**[^], 431**[^], 440**[^], 470;
Psychology 312**[^]

Course(s) from other college(s): _____ Advanced Placement Score: _____

AREA 6(A) – LANGUAGE OTHER THAN ENGLISH (UC requirement only)

Proficiency equivalent to two years of High School study in the **SAME** language. Grades of "C" or better required.
Complete either: French 401, Sign Language Studies 305, Spanish 401

OR earn a score of 3 or higher on the foreign language Advanced Placement Test

OR 550 on the College Board Achievement Test in Foreign Language

Course from another college: _____ Completed in High School (H.S. Transcript required): _____

Other (specify Advanced Placement or other exam): _____

CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION, and AMERICAN IDEALS

(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 **NOT** be used to satisfy IGETC requirements.

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

Course(s) from other college(s): _____ Advanced Placement Score: _____

Student Development Programs and Services

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 competency requirements are also available during regularly scheduled assessment sessions. Competency exams to meet math competency requirements can be arranged by appointment. 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 or in the Student Services. Students with special testing needs should call Assessment prior to the testing date to arrange for accommodations.

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
- Job Placement Referrals
- Case Management Referrals
- Assistance with county book services
- Child Care services on and off campus
- Job Development and Exploration Workshops
- On and Off Campus Workstudy
- Supply Voucher

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, The CARE Program is a state-funded program providing academic, career, and personal counseling; campus and community referrals; child care; transportation financial assistance; supply voucher; priority registration; transfer assistance; and support workshops to eligible students.

To be eligible, a student must be:

- at least 18 years of age
- eligible for the Extended Opportunity Programs and Services (EOP&S) program
- currently receiving cash aid for self and/or child(ren) under the age of 14
- a single head of household
- a California resident

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

(916) 558-2221

The police department is a P.O.S.T. certified agency and provides both law enforcement and security services to the students. In addition to assisting and handling cases of emergencies, they handle all parking enforcement, 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 in Building 2, room B-128.

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. Also, wireless access is available at the main Folsom campus.

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, and learning disabilities. Students with disabilities are encouraged to lead active and independent lives by participating in all college programs. Counseling, support services, and academic accommodations are provided to students who are eligible for the program.

Physical and Psychological Disabilities: Students with the following disabilities are eligible to receive support services and academic accommodations: attention deficit disorder (ADD/ADHD); blind and visually-impaired; deaf and hearing-impaired; mobility-impaired, psychological and mental health issues, and other medical and 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 accommodations to students who have documentation of a specific learning disability from another school or an appropriate professional. In addition, testing and assessment services are available at FLC.

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

- Testing accommodations, including an extension of time, distraction reduced room, use of calculator, spelling checker, computer, alternative method of testing, or modification of the test response format.
- The use of equipment and materials such as a tape recorder, calculator, computer, taped or electronic text or spelling checker in the classroom and in meeting class assignments.
- The use of personnel such as interpreters, note-takers (while attending classes), readers and scribes.
- Individualized tutoring when student needs exceed existing college tutorial services, which are available to all students.
- Alternate Formats: These alternate formats, including electronic text, books on tape, large print and Braille, help accommodate specific processing needs. Students with verified disabilities who require alternate formats of college publications and resources should check with Disabled Students Programs and Services. These are obtained in the timeliest manner possible.

If an academic accommodation is requested that is not listed, the request will be forwarded by the DSP&S Staff to the Vice President of Student Development and Enrollment Management for consideration. The student has a right to appeal any decision regarding academic accommodations. Contact the DSP&S Office for more information.

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.

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. To this end, we offer a number of services 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:

- Early registration each semester
- Book service program
- Connections to academic, career, and personal counseling
- Career/major exploration
- CARE program
- Visits to 4-year colleges and universities
- Application fee waivers (CSU, UC)
- Workshops
- Cap & Gown paid
- Phi Theta Kappa membership paid
- Annual Scholars Night Celebration
- Multi-lingual Services

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 50 units of degree applicable units.
- Submit an application to the EOP&S program
- Meet specific income and educational criteria as established by EOP&S

Applications may be picked up at any campus 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 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.

FLC Reading, Writing, & Math Center and EDC English Center

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

The FLC Reading and Writing Center (FL2-239) and the EDC English Center (C213) are supportive and personalized learning environments. By enrolling in one or more of the classes the centers have to offer, students receive innovative, individualized, and quality instruction in reading, writing, and English language skills. In addition, students can receive assistance with their reading and writing assignments across the disciplines. The FLC Online Math Office is also located in the RWMC. Each center has a spacious room with tables and chairs for individual work; breakout rooms for group work; a computer lab for internet access, word processing, and electronic library research; bibliographic and speed reading software.

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/Website

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 college website at www.flc.losrios.edu provides a wide variety of student information, including the latest campus news & class schedules.

Student Government

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

Student Government (SG) 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 SG 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: SG is willing to provide assistance and information to campus clubs and groups on event planning, publicity, and fund-raising. SG 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.

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 visit 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.

Crossover Enrollment with Sacramento State University: Students who have completed 30 transferable units with a 2.0 GPA may be eligible to take classes at Sacramento State University through the Crossover Enrollment Program, free of charge. For details and a crossover application, please contact the counseling department.

Guaranteed Admission with Four-Year Colleges: Folsom Lake College enjoys guaranteed admission with 13 colleges and universities. Participating institutions include CSU Monterey Bay, Golden Gate University, Sacramento State University, Saint Mary's University, San Francisco State University, UC Davis, UC Irvine, UC Merced, UC Riverside, UC San Diego, UC Santa Cruz, UC Santa Barbara, and University of the Pacific.

The center also helps students to concurrently enroll at CSUS (with fees waived) and provides for admission through a Transfer Admissions Guarantee (TAG) 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 for more information.

Tutorial Services

The Tutorial Services Program offers students free tutoring assistance for their college courses, with the exception of English or related reading/writing skills, all of which are provided at the Folsom campus by the Reading/Writing Center and at EDC by the English Center. The Tutorial Program offers individualized and small group tutoring in various subjects, dependent upon the availability of qualified peer tutors. Tutorial Services are available on a drop-in basis during the posted tutoring hours. Given the availability of student tutors, tutoring hours may change over the course of the semester, so students should regularly check the current tutoring schedule. For more information, go to: 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. 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 active 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. The college can only certify for certificate, AA, or AS majors listed in the FLC catalog, or for transfer majors for which official articulation has been completed between FLC and the intended transfer college and program.

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

Work Experience Education (WEXP)

(916) 608-6552

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.

Libraries

Libraries are central to inquiry and learning. 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 libraries at both Folsom Lake College and El Dorado Center are a great place to find reliable information or for a quiet location to study. They are equipped with computers and fee-based photocopiers and printers. Wireless Internet connection is available in the libraries for personal laptop usage. Study rooms are available in the libraries for group study or individual study on a two-hour reservation basis.

LIBRARIANS

Librarians are available to provide individual, group, drop-in, and class instruction on various library services and resources, including assistance with selecting 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. Librarians also help students identify reliable web sites and information in order to expand their research to the Internet. Additionally, the EDC Librarian's Internet Guide contains carefully selected links to various scholarly directories linking users to many web sites by subject. This guide is available at: <http://flc.losrios.edu/~jimener/> (This link is also available on the FLC and EDC library web sites.)

LIBRARY CARD

The Student Access Card is your Los Rios Library Card, as well as your official college Photo ID, Regional Transit pass (with current RT sticker), and GoPrint card. Access Cards can be obtained in the FLC or EDC Computer Lab.

Your Access Card has your library barcode, which must be activated at the Library Circulation Counter each semester you are enrolled. Once your barcode is activated, it allows you to check out library materials and gives you access to valuable online services and resources from off campus, including the library research databases. A lost or stolen Access Card should be reported immediately. You are responsible for any material checked out on your card. Violation of library policies may result in the loss of library privileges.

LIBRARY CATALOG

The online library catalog, Los Rios Online Information System (LOIS), identifies books, eBooks, periodicals, media, and reserve materials available at FLC/EDC and the other Los Rios Community College District Libraries. Additional services such as renewing books online, viewing your library account, and requesting books from other Los Rios College Libraries are accessed through the online catalog as well. Ask a librarian if you need assistance using the catalog.

ONLINE RESEARCH DATABASES

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 encyclopedias, reference works, literary criticism, biography, international affairs, and current events. Library research databases are available to Los Rios Community College students, faculty, and staff. These databases can be accessed from off-campus by using your library barcode and PIN. Ask a librarian if you need assistance using the databases. Visit the FLC Library website at: www.flc.losrios.edu/~library or the EDC Library website at: www.flc.losrios.edu/~lrc for information on accessing these resources.

LOAN PERIODS

General circulating books check out for 21 days and may be renewed once unless there is a hold on the item(s). You may check out up to 7 general circulating books at a time. General circulating media check out for 7 days, with no renewals. You may check out 2 general media at a time. Reserve materials check out for 2 hours, 1 day, 3 days, or 7 days. You may check out 2 reserve items at a time.

Item type	Loan period
General Circulating Books	21 days
General Circulating Media	7 days
Reserve Materials	2 hours, 1 day, 3 days, or 7 days
Reference Books & Periodicals	Library Use Only

OVERDUE FINES

Fines also accrue during the hours and days the library is closed. Fines can be paid at the Circulation Counter.

Fine rates	
General Circulating Books	\$.50 per day/per item
1-day, 3-day, 7-day Materials	\$1.00 per day/per item
2-hr Reserve Materials	\$.50 per hour/per item

LOST MATERIALS

Library materials that are lost will have a current replacement cost, plus a \$10.00 non-refundable processing fee.

RESERVE MATERIALS

These items are supplementary resources, including textbooks, made available by instructors and circulate for short loan periods. Reserve materials can be found by searching under Reserves in the Library Catalog.

FLC Library: www.flc.losrios.edu/~library
(916) 608-6613

EDC Library: www.flc.losrios.edu/~lrc
(530) 642-5695

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. The Title IV federal school code for Folsom Lake College is: **038713**.

Once the FAFSA is submitted online, a Student Aid Report (SAR) will be emailed or mailed directly to the student and a duplicate version will be transmitted electronically to the designated school. Students will be notified by Folsom Lake College regarding any additional documents needed in order to complete their file upon receipt of their SAR. If selected for verification, a student must complete all verification documentation as required by federal guidelines.

Folsom Lake College participates in the following programs:

Board of Governors Fee Waiver (BOGFW)

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 year. There is no deadline to apply. Applications are available on line starting April 1, 2008 at www.losrios.edu/lrc/bog_steps.htm as well as at the Financial Aid office.

Eligibility:

- Must be a California resident.
- Complete a simple application form available on line or in the Financial Aid Office.
- Be prepared to provide proof of eligibility. There are four methods by which you may qualify:
- Special Classification: Dependents of Veterans or National Guard; recipient or the child of a recipient of the Congressional Medal of Honor; a dependent of a victim of the September 11, 2001 terrorist attack; or a dependent of a deceased law enforcement/fire suppression personnel killed in the line of duty recipients must bring documentation in order to qualify. Documents submitted will be accepted only if they are dated within the last 30 days.
- 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 (see chart). Dependent students must use the Parent's income (do not include the student's income). Income includes adjusted gross income, wages not reported on a tax return, all untaxed income and cash received or any money paid on your behalf.
- Note: Applicants must qualify for Method A or B in order to receive a reduced parking fee.
- Method C: If you have completed a Free Application for Federal Student Aid (FAFSA) and have been determined to have just \$1 of "financial need" based on Federal calculation.

2008-2009 BOGFW Income Standards

Family Size	2007 Income
1	\$15,315
2	\$20,535
3	\$25,755
Each Additional Family Member	\$5,220

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).

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.

Academic Competitiveness Grant (ACG)

This program is for full-time, Pell-eligible students who have completed a rigorous high school program of study and maintain a 3.0 GPA while in college. Students must be a U.S. Citizen to qualify, and cannot have attended college before.

State Cal Grants

Cal Grant are administered and processed by the California Student Aid Commission (CSAC). The FAFSA and a GPA Verification form must be completed by March 2nd prior to the award year. Contact the Financial Aid office for GPA Verification form requirements.

- 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.
- Cal Grant B: Aids students from low-income and disadvantaged backgrounds. This grant may be used at a community college or a university for up to four years.
- 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 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, satisfactory academic standing, availability and feasible work skills.

Scholarships (do not require repayment)

Scholarships awards are available for students who are interested in particular fields of study, who are members of underrepresented 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 Patron's Club Scholarship

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 Scholarship

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.

Contact Financial Aid for scholarship information at (916) 608-6646.

Loans (requires repayment)**Federal Stafford Loan Program (Subsidized)**

This loan is offered to middle and low-income borrowers who demonstrate financial need. Loan limits and interest rates 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 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
- Maintain a cumulative 2.0 GPA
- Receive 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 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:
 3. 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.
 4. Total Units (Maximum Time Frame) - Students may attempt up to 90 units toward the completion of degree or certificate program. Students who have attempted 90 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.
 5. 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 90 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

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.

Faculty Statement of Professional Ethics

1. Faculty members, guided by a deep conviction of the worth and dignity of the advancement of knowledge, recognize the special responsibilities placed upon them. Their primary responsibility to their subjects is to seek and to state the truth as they see it. To this end they devote their energies to developing and improving their scholarly and teaching competence. They accept the obligation to exercise critical self-discipline and judgment in using, extending and transmitting knowledge. They practice intellectual honesty. Although they may follow subsidiary interests, these interests must never seriously hamper or compromise their freedom of inquiry.
2. As teachers, faculty members encourage the free pursuit of learning in their students. They hold before them the best scholarly standards of their discipline. They demonstrate respect for the student as an individual and adhere to their proper role as intellectual guides and counselors. They make every reasonable effort to foster honest academic conduct and to assure that their evaluation of students reflects their true merit. They respect the confidential nature of the relationship between faculty member and student. They avoid any exploitation of students for their private advantage and acknowledge significant assistance from them. They protect their academic freedom.
3. As colleagues, faculty members have obligations that derive from common membership in the community of scholars. They respect and defend the free inquiry of their associates. In the exchange of criticism and ideas they show due respect for the opinions of others. They acknowledge their academic debts and strive to be objective in their professional judgment of colleagues. They accept their share of faculty responsibilities for the governance of their institution.
4. As members of their institution, faculty members seek above all to be effective teachers and scholars. Although they observe the stated regulations of the institution, provided they do not contravene academic freedom, they maintain their right to criticize and seek revision. They determine the amount and character of the work they do outside their institution with due regard to their paramount responsibilities within it. When considering the interruption or termination of their service, they recognize the effect of their decision upon the program of the institution and give due notice of their intentions.

Statement of Principles on Academic Freedom

(American Association of University Professors)

- The purpose of this statement is to promote public understanding and support of academic freedom and tenure and agreement upon procedures to ensure them in colleges and universities. Institutions of higher education are conducted for the common good and not to further the interest of either the individual teacher or the institution as a whole. The common good depends upon the free search for truth and its free exposition.
- Academic freedom is essential to these purposes and applies to both teaching and research. Freedom in research is fundamental to the advancement of truth. Academic freedom in its teaching aspect is fundamental for the protection of the rights of the teacher in teaching and the freedom of the student in learning. It carries with it duties correlative with rights.
- Teachers are entitled to freedom in the classroom in discussing their subject, but they should be careful not to introduce into their teaching controversial matter, which has no relation to their subject.

- College and university teachers are citizens, members of a learned profession, and officers of an educational institution. When they speak or write as citizens, they should be free from institutional censorship or discipline, but their special position in the community imposes special obligations. As scholars and educational officers, they should remember that the public may judge their profession and their institution by their utterances. Hence they should at all times be accurate, should exercise appropriate restraint, should show respect for the opinions of others, and should make every effort to indicate that they are not speaking for the institution.

Los Rios Colleges Federation of Teachers Statement on Academic Freedom

The LRCCD and LRCFT agree that 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. In addition, Academic Freedom ensures faculty member's rights and obligations of Professional Protection, Autonomy and Responsibility.

Professional Protections—faculty members shall be protected from:

- censorship, restraint, or dismissal in their ability to study, investigate, present, interpret, or discuss the relevant facts and ideas within the assigned curriculum and outline
- extraneous considerations such as a faculty member's ethnicity, race, religion, political beliefs or affiliation, sexual orientation, or disability being used in evaluations of professional performance.

Professional Autonomy

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.

Professional Commitments and Obligations—all faculty members should:

- 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.
- clearly differentiate to students the expression of a faculty member's personal opinions or convictions from the objective presentation of theory, fact, or ideas.
- adhere to District procedures for using approved materials and resources.

(Informed by documents of the AAUP, LRCFT, LRCCD)

Reaffirmed by the Folsom Lake College Academic Senate on March 8, 2005

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.

Administrator's Code of Ethics

The administrators of Folsom Lake College shall serve the college community by facilitating the process of education through creating and maintaining an environment conducive to teaching, learning, supportive service and student success. Administrators have a responsibility to exemplify the best qualities of the College and to observe the highest standards of personal and professional conduct. An administrator at Folsom Lake College shall:

1. demonstrate personal integrity, truthfulness, honesty, and fortitude in meeting his/her professional responsibilities;
2. be accountable for serving the interests of the College;
3. accord respect to self and others;
4. strive to give fair and just treatment to all;
5. accept intellectual and moral responsibility for his or her actions;
6. aspire to achieve excellence;
7. avoid conflict or the appearance of conflict between personal and institutional interests;
8. promote, support and implement diversity;
9. encourage civil expression of one's own views and tolerance for the views of others; and
10. exercise freedom of conscience and the right to refuse to engage in actions that violate the ethical principles contained in this code or provisions of law.

Adopted 3/12/08

Student Rights and Responsibilities

Essential Elements of a High-Quality Education

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.

- College students, citizens of the United States, and foreign guests are members of the academic community.
- They have the same rights and freedoms that all citizens have as students, and must comply with federal and state laws and statutes.
- 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.

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

What academic integrity and responsibility are:

Academic integrity and responsibility means acting honestly, conscientiously, and most importantly, with honor and integrity in all academic endeavors. You are accountable for all that you say and write. Since trust is the foundation of an intellectual community, and since your work is the basis for your instructors to evaluate your performance in courses, you should not misrepresent your work nor give or receive unauthorized assistance.

What academic integrity and responsibility are not:

The lack of academic integrity and responsibility takes the form of plagiarism. From the Latin word *plagiarius* meaning kidnapper, plagiarism is generally the taking of words, sentences, organization, and ideas from another source without acknowledging the source(s).

Plagiarism can include:

- Submitting papers, examinations, or assignments written by others;
- Copying directly portions of another's work without enclosing the copied passage in quotation marks for written work or without appropriate citation in an oral presentation and acknowledging the source in the appropriate scholarly convention whether the work is presented in written or oral form;
- Using a unique term or concept without acknowledging the source;
- Paraphrasing or summarizing a source's ideas without acknowledging the source;
- Replicating a visual presentation, representation, or performance without acknowledging the source;
- Fabricating or altering a source or data in a laboratory or experiment;
- Collaborating with others when collaboration is not permitted, or when the contributions of the others are not made clear;
- Giving or receiving unauthorized assistance during an examination.

What the results of academic dishonesty are:

- A faculty member has the right to choose whether or not to pursue suspected cases of plagiarism.
- When a faculty member has reasonable evidence to suspect plagiarism, the faculty member should notify the student of the concern.
- A faculty member may consult with other faculty, the pertinent

Division Dean, and the Dean or Vice President for Student Services when evaluating whether plagiarism has occurred.

- In situations where plagiarism has been confirmed, the faculty member will determine the consequences in compliance with Los Rios Community College District (LRCCD) Board policy and regulations. The consequences may include the following options:
 - Giving the student a written warning
 - Giving the student an additional assignment
 - Giving the student a zero or "F" on the assignment
 - Assigning a grade of "F" for the course
 Or other appropriate consequences that comply with LRCCD Board policy and regulations, including suspension or expulsion per Board regulations (Reg. 2441, par. 3.2e).
- In situations where plagiarism has occurred, the faculty member may notify the student that a "Referral for Student Standards of Conduct Violation" will be filed through the Division Dean to the office of the Dean or Vice President of Student Services.
- Students have the right to grieve the action if they believe the action violates their student rights. However, students should be aware that grades per se are not grievable and should consult the Student Handbook and district policies and regulations for further information.
- The office of the Dean or Vice President for Student Services will be responsible for maintaining records related to plagiarism.

Approved by PAC 10-20-03

Approved by Academic Senate 11-07-03

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 Standards

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 Standards 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:

- Probation via verbal or written reprimand.
- Suspension from classes/activities for a specified time.
- 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) 608-6713

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 Grievance Officer
(916) 608-6768

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.

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 CounselingFLC (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 believe 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: (916) 558-2221

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) 558-2221, 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		
	2004	2005	2006
On-campus			
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	4	3	0
Motor vehicle theft	0	0	1
Arson	0	1	0
Non-campus	2004	2005	2006
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	1
Arson	0	0	0
Public Property	2004	2005	2006
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		
	2004	2005	2006
On-campus			
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
Non-campus	2004	2005	2006
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
Public Property	2004	2005	2006
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		
	2004	2005	2006
On-campus			
Illegal weapons possession	0	0	0
Drug law violations	0	0	0
Liquor law violations	1	0	0
Non-campus	2004	2005	2006
Illegal weapons possession	0	0	0
Drug law violations	0	0	0
Liquor law violations	0	0	0
Public Property	2004	2005	2006
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		
	2004	2005	2006
On-campus			
Illegal weapons possession	0	0	0
Drug law violations	0	0	0
Liquor law violations	0	0	0
Non-campus	2004	2005	2006
Illegal weapons possession	0	0	0
Drug law violations	0	0	0
Liquor law violations	0	0	0
Public Property	2004	2005	2006
Illegal weapons possession	0	0	0
Drug law violations	0	0	0
Liquor law violations	0	0	0

**Courses, Degrees, & Certificates:
Accounting (ACCT) -
Work Experience (WEXP)**

Course Numbering, Prerequisites, & More

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.

Number	Course Type
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.
1000-1999	Continuing education courses for working professionals who need to update their skills for employment or licensure, as well as, tutoring and other attendance-only courses. These courses are non-degree applicable

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

Many courses and educational programs have enrollment conditions such as prerequisites, corequisites or advisories on recommended preparation. These faculty-approved conditions are considered necessary and appropriate to ensure that students are adequately prepared to succeed in the course or educational program. Enrollment restrictions are defined below. It is the student's responsibility to meet any and all enrollment conditions.

- **Prerequisite:** A course that a student is **required** to take in order to demonstrate current readiness for enrollment in another course or educational program. For example, in order to take English 301 (College Composition & Literature), you must already have completed English 300 with a grade of “C” or better.
- **Corequisite:** A course that a student is **required** to take the same semester as another course. For example, the Basic Anatomy and Physiology Lab must be taken along with Basic Anatomy and Physiology.
- **Advisory on recommended preparation:** A condition of enrollment when a student is **advised, but not required**, to meet before or in conjunction with enrollment in a course or educational program. **Students who believe they have satisfied the advisory by means other than the stated advisory are urged to consult with the appropriate department to determine their readiness to enroll in the course or educational program.**

Verifying prerequisites

Students enrolled in courses that have a prerequisite must provide verification to the instructor that they have met the prerequisite. Supporting evidence includes:

- Transcript that verifies that you have earned a ‘C’ or better in the prerequisite course. Los Rios students may print an unofficial transcript by logging on to eServices. Instructors have access to this information on their roster if the class was taken within Los Rios since 2003 (prior course information cannot be viewed).
- Assessment test scores.

Verifying corequisites

Your personal class schedule provides verification of enrollment in a corequisite course or prior completion of a course.

Prerequisite challenge process

- If you do not have the credentials described above but believe that you should qualify to enroll in the course, or one of the conditions below exists, then you may challenge a prerequisite.
- Challenges should be filed at least one week before the beginning of instruction. Prerequisite Challenge Forms are available at all instructional area deans’ offices and at the Admissions and Records Office.

Criteria for challenging a course are:

Students who have not met the criteria outlined above but feel they are prepared to enroll in the course may challenge the course prerequisite by completing the Prerequisite Challenge Application form. Criteria for challenging a course include:

- You have knowledge or ability to succeed in the course without the prerequisite.
- The course that provides the prerequisite is not readily available.
- You believe that the prerequisite is discriminatory or being applied in that manner.
- 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 form, your challenge will be reviewed by the appropriate department's prerequisite challenge committee. You will be informed in writing of the committee's determination within five working days of the review. If a student enrolls for a class and does not meet the prerequisite, the instructor must drop the student from the class.

Accounting

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE A.A. - Accounting
CERTIFICATES OF ACHIEVEMENT 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

The Accounting degree is designed for students planning to seek accounting positions in business, industry, or government upon completion of two years of college study. The program also meets the needs of employed individuals seeking to learn applications of accounting theory as practiced in the field. The program provides the foundation for individuals to prepare financial statements and record business transactions for all types of business and industry. Students develop a strong knowledge base of U.S. Generally Accepted Accounting Principles (GAAP) and accounting procedures. Communication skills, teamwork, computer technology, and ethical behavior are also emphasized.

For those students interested in transferring to a four-year college or university to pursue a bachelor's degree in this major, it is critical that you meet with an FLC counselor to select and plan the courses for your major. Schools vary widely in terms of the required preparation. The courses that FLC require for an A.A. degree in this major may be different from the requirements needed for a Bachelor's degree.

Upon completion of this program, the student will be able to:

- Record, classify, summarize and report the business transactions of a company.
- Prepare financial statements in conformity with accounting principles generally accepted in the United States of America.
- Analyze and prepare financial information for management decision-making.
- Communicate financial information effectively within a business environment
- Provide management support in the budgeting, planning and decision-making processes.
- Understand the role of ethics and standards of professional conduct in the accounting profession.
- Integrate the principles of business, business law, taxation, and economics into accounting functions.
- Apply principles of accounting to business situations and to understand other functions of business: marketing, management, finance and information processing.

DEGREE

A.A.—Accounting

REQUIRED PROGRAM	Units
<i>Business Core:</i>	
ACCT 301 Financial Accounting	4
BUS 300 Introduction to Business	3
BUS 310 Business Communications	3
BUS 330 Managing Diversity in the Workplace	3
BUS 340 Business Law	3
BUSTEC 302 Computer-Keyboarding	2
CISC 310 Intro. to Computer Information Science (3) or Three (3) units to include: CISC 300 Computer Familiarization - (1) unit and Two (2) additional units selected from: CISA 300, CISA 310, CISA 320, CISA 330, CISA 340, CISA 350, CISC 320	3
ECON 302 Principles of Macroeconomics or ECON 320/BUS 320 Concepts of Personal Finance	3
MKT 300 Principles of Marketing or MGMT 362 Techniques of Management	3
<i>Accounting Core:</i>	
ACCT 103 Intermediate Accounting	3
ACCT 104 Intermediate Accounting	3
ACCT 107 Auditing	3
ACCT 111 Cost Accounting	3
ACCT 311 Managerial Accounting	4
ACCT 341 Accounting on the Microcomputer	2
BUSTEC 101 Computer Keyboarding: 10-Key	1
TOTAL UNITS REQUIRED	46

Suggested Electives:
ACCT 125, 498; BUS 341, 498; CISA 311, 321; Human/Career Development (any course); MGMT 372.

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.

CERTIFICATE OF ACHIEVEMENT

Accounting

REQUIRED PROGRAM	Units
ACCT 107 Auditing	3
ACCT 111 Cost Accounting	3
ACCT 301 Financial Accounting	4
ACCT 311 Managerial Accounting	4
ACCT 341 Accounting on the Microcomputer	2
BUS 340 Business Law	3
TOTAL UNITS REQUIRED	19

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

The Accounting Certificate is a program which prepares students for entry level positions in accounting. The program is designed for students who would like to gain a core understanding of the principals of accounting. Many who take the certificate program are looking for advancement in their careers or the ability to learn a new skill set. Certificate recipients are competent to record and maintain financial data in journals and ledgers from date of original transaction through a full accounting cycle terminating with closing entries and statement preparation.

Upon completion of this program, the student will be able to:

- Record, classify, summarize and report the business transactions of a company.
- Prepare financial statements in conformity with accounting principles generally accepted in the United States of America.
- Analyze and prepare financial information for management decision-making.
- Communicate financial information effectively within a business environment.
- Provide management support in the budgeting, planning and decision-making processes.

CERTIFICATE OF ACHIEVEMENT**Accounting, Advanced**

REQUIRED PROGRAM	Units
ACCT 107 Auditing.....	3
ACCT 111 Cost Accounting.....	3
ACCT 125 Federal and State Taxation.....	4
ACCT 301 Financial Accounting.....	4
ACCT 311 Managerial Accounting.....	4
BUS 300 Introduction to Business.....	3
BUS 340 Business Law.....	3
BUSTEC 101 Computer Keyboarding: 10-Key.....	1
TOTAL UNITS REQUIRED	25

The advanced accounting certificate is designed to build upon the skills learned in the accounting certificate. Students will continue their studies and receive training in federal and state tax applications.

Upon completion of this program, the student will be able to:

- Record, classify, summarize and report the business transactions of a company.
- Prepare financial statements in conformity with accounting principles generally accepted in the United States of America.
- Analyze and prepare financial information for management decision-making.
- Communicate financial information effectively within a business environment.
- Provide management support in the budgeting, planning and decision-making processes.
- Prepare fundamental individual federal and state income tax returns.

CERTIFICATE OF ACHIEVEMENT**Accounting Clerk**

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

The Accounting Clerk Certificate is a program offering basic courses designed for students with little or no work experience. The certificate provides students with an introduction to business technology, communication and basic accounting skills and helps prepare them for entry level positions as accounting clerks, data entry clerks, accounts payable clerks, accounts receivable clerks, office financial clerks, payroll assistants, and other positions in an office or business environment. The program is also intended to prepare students who are currently employed and wish to gain new skill sets in bookkeeping, financial software, and communication.

Upon completion of this program, the student will be able to:

- Perform basic bookkeeping and accounting tasks both manually and on the computer.
- Demonstrate proficiency on the computer keyboard and ten-key calculator.
- Prepare written business communications.
- Perform basic accounting operations using a spreadsheet such as Excel.
- Understand essential features of the Windows XP operating system.

CERTIFICATE OF ACHIEVEMENT**Accounting, Computer Applications**

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

The Accounting Computer Applications program is designed for those individuals who wish to become proficient in the use of computers for business accounting purposes. The program offers a core curriculum that provides the academic and technical background for individuals who wish to prepare for entry-level accounting positions in business and industry using both accounting and personal computer skills.

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.

Upon completion of this program, the student will be able to:

- Record, classify, summarize and report the business transactions of a company.
- Prepare financial statements in conformity with accounting principles generally accepted in the United States of America.
- Analyze and prepare financial information for management decision-making.
- Communicate financial information effectively within a business environment
- Perform basic business computer skills with specific knowledge of commercial accounting software

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 emphasize 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 - PART I 4 UNITS

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

Hours: 72 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 4 UNITS

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

Hours: 72 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. ACCT 104 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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE

A.A. - Administration of Justice

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.

DEGREE

A.A. — Administration of Justice

REQUIRED PROGRAM	Units
ADMJ 300 Introduction to Administration of Justice	3
ADMJ 305 Community Relations	3
ADMJ 320 Concepts of Criminal Law	3
ADMJ 323 Legal Aspects of Evidence	3
ADMJ 330 Criminal Investigation	3
ADMJ 340 Introduction to Correctional Services	3
ADMJ 498 Work Experience in Administration of Justice	2-4
Plus six (6) units selected from:	
ADMJ 304, 322, 331, 346, 370	6
TOTAL UNITS REQUIRED	26-28

Suggested Electives:

ADMJ 341, 345, 347; PSYC 320, 351; SOC 321; CISA 300 & CISA 301

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.

Upon completion of this program, the student will be able to:

- Identify and evaluate various local, state, and federal law enforcement career options.
- Recognize the complexities of law enforcement career application and hiring process and develop the most effective career strategy.
- Recall and appreciate the philosophy of the American justice system (adult and juvenile).
- Analyze crime causation, criminal statutes and procedures
- Understand the complexities of punishment, corrections, community and human relations.
- Recognize the complex legal aspects of criminal investigations, procedures, constitutional law, and case law.
- Identify various controlled substances and interpret their addictive properties, influences, and impact on society and law enforcement.
- Apply laws and procedures for the collection and use of evidence.
- Identify and adapt to ethical standards placed on law enforcement professionals and recognize how they impact their daily decisions and actions

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

This course introduces students to the characteristics of the criminal justice system in the United States. Focus is placed on examining crime measurement, theoretical explanations of crime, response to crime, components of the system, and current challenges to the system.

ADMJ 301 APPLIED REPORTING TECHNIQUES FOR CRIMINAL JUSTICE 3 UNITS

Prerequisite: ENGWR 101 with a grade of "C" or better

Course Transferable to CSU

Hours: 54 hours LEC

This course provides a study of the techniques of communicating facts, information, and ideas effectively in a simple, clear, and logical manner in the various types of criminal justice system reports: letters, memorandums, directives, and administrative reports. Emphasis will be placed on criminal justice terminology; use of English and organization of information; experience in note taking and report writing; and presentation of testimony in court.

ADMJ 302 COMMUNITY RELATIONS: MULTICULTURAL ISSUES 3 UNITS

Prerequisite: None.

Advisory: ENGWR 101

Course Transferable to CSU

Hours: 54 hours LEC

This course examines the complex, dynamic relationship between communities and the institutions of the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse, multicultural population. The course addresses the role that race, ethnicity, gender, sexual orientation, social class, culture and the criminal justice professional play in shaping these relationships. The course examines new strategies, skills, tools, and cultural knowledge necessary for personnel engaged in all aspects of the criminal justice system. Special topics include the impact that terrorism and the need for homeland security have changed the dynamics of police community relations.

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 309 PROFESSIONAL EMPLOYMENT PREPARATION FOR LAW ENFORCEMENT OCCUPATIONS 3 UNITS

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed for students who are pursuing careers in law enforcement and corrections. This course will cover employment and career search, application processes, resume development, and cover letter. Participation will prepare students for pre-employment testing, interview techniques, background investigation, polygraph examination, medical screening, conditional job offer, and hiring processes.

ADMJ 320 CONCEPTS OF CRIMINAL LAW 3 UNITS

Prerequisite: None

Advisory: ENGRD 310 and ENGWR 101.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course examines the philosophy, history and structure of criminal law in the United States. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case studies to introduce students to criminal law and the classification of crimes against persons, property, morals, and public welfare. The course will also include some discussion of the U.S. Constitution, prosecution and defense decision making, criminal culpability, and defenses to crimes.

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

This course introduces students to investigative procedures and concepts as applied to criminal investigations. Topics include crime scene response management and identification, evidence collection, and processing of physical evidence.

ADMJ 331 PATROL PROCEDURES 3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This course will explore the early development and present-day role of patrol operations and techniques used by local law enforcement agencies. Major topics will include community policing, effective patrol strategies, gang awareness, and key factors affecting deployment of patrol resources such as community involvement and meeting department objectives.

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 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 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 terminology, prices, packaging, methods of use, duration of effect, addiction, history, and recognizing persons under the influence. The course also examines current federal and state laws and law enforcement trends including managing informants, search and seizure, courtroom testimony, "knock and talks", and search 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

ACADEMIC
COUNSELING

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

An introductory course which analyzes the human place in nature. Description of how humans evolved and the unique role of culture in our evolution. How genetics and reproduction shape our lives. The classification and distribution of living and extinct human populations. How we determine the geological age of our ancestors. Our relationship to non-human primates such as apes and monkeys.

ANTH 301 PHYSICAL ANTHROPOLOGY LABORATORY 1 UNIT

Prerequisite: None.

Corequisite: ANTH 300 (may be taken previously)

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

Same As: BIOL 393 and HIST 393

Prerequisite: None.

Advisory: Completion of ANTH 310 or ANTH 392 with a grade of "C" or better.

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

Architecture (ARCH)**ARCH 310 HISTORY OF ARCHITECTURE 3 UNITS**

Prerequisite: None.

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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 Elementary Drawing and Composition.....	3
ART 304 Figure Drawing and Composition	3
ART 320 Design: Fundamentals.....	3
ART 323 Design: Color Theory	3
ART 370 Three-Dimensional Design.....	3
A minimum of 6 units from the following:	6
ARTH 300, 303, 309, 311, 312, 326, 332, 333	
A minimum of 9 units from chosen area (i.e., painting, drawing, sculpture): ...	9
Drawing: ART 302, 305, 307, 312; Painting: 327, 328, 336, 337; Sculpture: 372, 373, 383, 390, 402, 404	
A minimum of 2 units from the following:	2
ART 494 or 499	
TOTAL UNITS REQUIRED	32

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.

The A.A. degree in Art is designed for students to develop their skills in visual arts to further their studies as well as for self enrichment. Students who transfer to earn their BA or BFA can continue their studies in MA and MFA. Art program includes two and three dimensional, fine and applied arts, as well as study in art history. Upon completion of their higher degrees, students can work as independent artists, educators, restorers, designers, etc.

Upon completion of this program, the student will be able to:

- Create, and critique, works of art using different techniques in visual arts, elements of art, and principles of design
- Create works of art and express oneself using traditional and/or contemporary materials and techniques.
- Distinguish historical developments in the visual arts.
- Evaluate how different subjects and aesthetic view points are depicted in traditional and contemporary arts.

DEGREE

A.A. — Art, Design

REQUIRED PROGRAM	Units
ART 300 Elementary Drawing and Composition.....	3
ART 304 Figure Drawing and Composition.....	3
ART 320 Design: Fundamentals.....	3
ART 323 Design: Color Theory	3
ART 370 Three-Dimensional Design.....	3
CISA 330 Desktop Publishing	2
PHOTO 400 Digital Imaging	3
A minimum of 2 units from the following:	2
CISA 330; CMED 300; PHOTO 410	
A minimum of 3 units from the following:	3
ARTH 300, 303, 309, 311, 312, 326, 332, 333	
A minimum of 2 units from the following:	2
ART 494, 499	
TOTAL UNITS REQUIRED	25

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.

The A.A. degree in Design is designed for students to develop their skills in Design areas to further their studies as well as for self enrichment. Students who transfer to earn their BA or BFA can continue their studies in MA and MFA. Design program includes two and three dimensional, fine and applied arts, as well as study in art history. Upon completion of their higher degrees, students can work as designers in interior design, industrial design, graphic design, commercial areas, etc. independent artists and design consultant, educators, etc.

Upon completion of this program, the student will be able to:

- Create, and critique, works of art using different techniques in visual arts, elements of art, and principles of design.
- Create works of art using materials that are traditional and/or contemporary
- Identify the important roles and functions of design elements in fine and applied arts
- Analyze and understand the visual forms using different techniques
- Express individual or collective ideas through visual forms
- Distinguish historical developments of design in traditional visual and commercial arts.
- Evaluate how different styles and aesthetic viewpoints are depicted in traditional and contemporary art.

DEGREE

A.A. — Art, Art History

REQUIRED PROGRAM	Units
ARTH 300 Introduction to Art.....	3
ARTH 303 Art Survey: Ancient to 14th Century.....	3
ARTH 309 Art Survey: Renaissance to 19th Century	3
ARTH 311 Art Survey: Modern Art.....	3
A minimum of 6 units from the following:	6
ARTH 312, 326, 332, 333; HUM 300, 310, 332; HIST 307, HIST 308	
A minimum of 3 units from the following:	3
ART 300, 304, 312, 320, 323, 327, 336, 370, 372, 383, 390, 402	
A minimum of 2 units from the following:	2
ART 494, 499; ARTH 499	
TOTAL UNITS REQUIRED	23

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.

The A.A. Degree in Art History is designed for students to continue their education in Art History and Art Administration as well as for students who seek self enrichment in the field of Art History. Students, after their transfer and completion of their BA in Art History, can further their studies in Master's and Ph.D. in Art History and Art Administration. Upon the completion of their continued education, students can work in galleries and museums as docents, programmers, curators, etc., as well as working for private collectors and public organizations in the related fields as well as educators, writers, etc.

Upon completion of this program, the student will be able to:

- Identify the roles and contributions of artists throughout history
- Identify and evaluate works of art and architecture according to their appropriate style and time period
- Analyze and critique art and architecture within the context of their function and meaning
- Research and analyze meanings and purposes behind art and architecture
- Analyze art, architecture, and artifacts for their cultural significance

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 twice for credit.

ART 302 ELEMENTARY DRAWING AND COMPOSITION 3 UNITS

Prerequisite: ART 300 with a grade of "C" or better

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 twice for credit.

ART 304 FIGURE DRAWING AND COMPOSITION 3 UNITS

Prerequisite: ART 300 with a grade of "C" or better

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 twice for credit. 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 with a grade of "C" or better

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course utilizes the skills acquired in ART 305 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 both spatially and compositionally. This course may be taken twice for credit.

ART 307 RENDERING 3 UNITS

Prerequisite: ART 300 with a grade of "C" or better

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 class 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 twice 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

This course covers studio problems in the use and understanding of color and its application to works of art, interior design, and graphics; basics of color theory, and color interchange. 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 with a grade of "C" or better

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 with a grade of "C" or better

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 will be considered.

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 INTERMEDIATE 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 386 INTERMEDIATE METAL DESIGN: EMPHASIS IN FABRICATION 3 UNITS

Prerequisite: ART 383 with a grade of "C" or better

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This is an intermediate course offering a historical and contemporary approach to fabrication of metal and jewelry design. Techniques may include forging, raising hollow forms, and the use of the hydraulic press in anticlastic and synclastic raising, matrix die forming and embossing molds. This is a concentrated study of intermediate work in elements of metal design and form. Students need to purchase metals and some required tools.

ART 390 CERAMICS 3 UNITS

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is a beginning ceramic class in hand building and wheel throwing techniques. Clay forming skills of pinch, coil, slab, press, and slump molds are covered, as well as an introduction to the potter's wheel. The geology of clay and glazes is included. Methods of glazing and firing are studied. Historical and modern ceramic traditions provide the context for this course material. Students will need to purchase clay and some required tools.

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. Students will select art as it relates to the child's growth and development. This course is suggested for recreational leadership, preschool, K-12 teachers, and caregivers.

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

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.

Advisory: ARTH 300 and ENGWR 101

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of world art from the Pre-historic period to the 14th century. The lecture and discussion include the developments of the visual arts and architecture of the western and non-western cultures. This is a required class for art history major students.

ARTH 304 ANCIENT ART 3 UNITS

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course covers the development of Western art from the Prehistoric era through the Roman period. Lecture and discussion focus on the visual arts and architecture from the ancient Near Eastern, Egyptian, Greek, and Roman cultures.

ARTH 306 MEDIEVAL ART 3 UNITS

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to Medieval arts and architecture from the fall of Roman empire through late Gothic period. The lecture and discussion include the Early Christian, Byzantine, Celtic, Islamic, Romanesque, and Gothic arts.

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

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of art from the Proto-Renaissance (13th and 14th centuries) to Romanticism (19th century). The course examines paintings, sculptures, graphic art, artifacts, and architecture from western and non-western cultures. This is a required class for art history major students.

ARTH 311 ART SURVEY: MODERN ART 3 UNITS

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of modern art from the mid 19th century to the late 20th century. Through lecture and discussion, the course examines visual arts and architecture from Europe and America. This is a required course for art history major students.

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. ARTH 312 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.

Advisory: ARTH 300 and ENGWR 101

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of Asian arts and architecture from the Prehistoric era to the contemporary. The course examines arts from China, India, Korea, and Japan. The lecture and discussion include the development of Eastern philosophy and beliefs and their relationship to the visual arts.

ARTH 333 INTRODUCTION TO ISLAMIC ART 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

See UC Limitations & Counselor

Hours: 54 hours LEC

This is a survey course that studies the art and culture of the Middle East. It primarily focuses on the Islamic Art and Architecture and provides fundamental information on the formation of Islamic art, its history and philosophy. The students will learn to identify works of art produced by artists from Muslim countries and regions. They will also be able to describe in writing characteristics and key elements in Islamic Art and Architecture. This course will include but not limited to visual examples from Arabic, Persian and Indian cultures.

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

ACADEMIC
COUNSELINGFolsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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. All programs seek to develop critical thinking skills while fostering a lasting appreciation of biology. Students planning to continue for a four-year degree should consult the lower division requirements of the transfer program of the university to which they plan to attend.

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.

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

This 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.

- Upon completion of this program, the student will be able to:
- Apply acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions
 - Demonstrate knowledge of the language, facts, and concepts that serve as the foundation for working independently on more complex problems
 - Employ appropriate information-gathering tools to investigate scientific matters
 - Clearly communicate scientific information, both orally and in written form, to diverse audiences
 - Demonstrate laboratory habits consistent with accepted practices for safety, documentation, and core techniques
 - Analyze data sets, recognize the implications of disturbances to biological systems, and synthesize information to draw conclusions
 - Differentiate between scientifically-derived knowledge, myth, and conjecture in professional or everyday encounters with information
 - Recognize and discuss ethical implications of biological research when encountered in personal, community, and scientific issues
 - Engage in free exchange of ideas to support creative problem solving

HEALTH SCIENCE / PRE-PROFESSIONAL OPTION

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

This 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.

- Upon completion of this program, the student will be able to:
- Apply acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions
 - Demonstrate knowledge of the language, facts, and concepts that serve as the foundation for working independently on more complex problems
 - Employ appropriate information-gathering tools to investigate scientific matters
 - Clearly communicate scientific information, both orally and in written form, to diverse audiences
 - Demonstrate laboratory habits consistent with accepted practices for safety, documentation, and core techniques
 - Differentiate between scientifically-derived knowledge, myth, and conjecture in professional or everyday encounters with information
 - Recognize and discuss ethical implications of biological research when encountered in personal, community, and scientific issues
 - Engage in free exchange of ideas to support creative problem solving

PRE-NURSING OPTION

BIOL 430 Anatomy and Physiology.....	5
BIOL 431 Anatomy and Physiology.....	5
BIOL 440 General Microbiology	4
CHEM 305 Introduction to Chemistry	4
CHEM 306 Introduction to Chemistry	4
FCS 324 Human Development: A Life Span.....	3
NUTRI 300 Nutrition	3
PSYC 300 General Principles (3) or	
PSYC 320 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.

This 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.

- Upon completion of this program, the student will be able to:
- Utilize acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions
 - Demonstrate knowledge of the language, facts, and concepts that serve as the foundation for working independently on more complex problems
 - Employ appropriate information-gathering tools to investigate health-related matters
 - Clearly communicate scientific information, both orally and in written form, to diverse audiences
 - Demonstrate laboratory habits consistent with accepted practices for safety, documentation, and core techniques

- Demonstrate the ability to process information and make decisions based on the quality and relevance of the evidence
- Utilize knowledge of the physical, cognitive, and social factors affecting individuals to improve human interactions
- Differentiate between scientifically-derived knowledge, myth, and conjecture in professional or everyday encounters with information
- Recognize and discuss ethical implications of biological research when encountered in personal, community, and scientific issues
- Engage in free exchange of ideas to support creative problem solving

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

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. This course is the same as ENVT 304, and only one may be taken for credit. See "Cross-Listed Courses" in the catalog.

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.

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.

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.

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.

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.

BIOL 389 NATURAL HISTORY FIELD STUDY OF WETLAND 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 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.

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.

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

Same As: ANTH 393 and HIST 393

Prerequisite: None.

Advisory: Completion of BIOL 392 or BIOL 400 with a grade of "C" or better.

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 a grade 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 with a grade of "C" or better

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 with a grade of "C" or better

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 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 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 with a grade of "C" or better

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 with a grade of "C" or better, or equivalent high school chemistry.

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

Same As: PS 472

Prerequisite: None.

Advisory: Completion of any general education lab-science course.

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

**ACADEMIC
COUNSELING**

 Folsom campus - 916-608-6500
 El Dorado Center - 530-642-5645
 Rancho Cordova Center - 916-255-0717

DEGREES

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

CERTIFICATES OF ACHIEVEMENT

Business, Office Technician
 Business, Small Business Management/
 Entrepreneurship

CERTIFICATE OF RECOGNITION

Business, Office Assistant

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, 311
 Computer Information Science CISA 308, CISA 310, CISC 308
 Economics 302, 304
 Mathematics 343
 Statistics 300

Competency in a foreign language at the 412 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 PROGRAMUnits

ACCT 101	Fundamentals of College Accounting or	
ACCT 301	Financial Accounting	3-4
BUS 300	Introduction to Business.....	3
BUS 310	Business Communication	3
BUS 330	Managing Diversity in the Workplace.....	3
BUS 340	Business Law or	
BUS 345	Law and Society	3
CISC 310	Intro to Computer Information Science or	

Three (3) units to include:

CISC 300 (1 unit) and

Any two (2) additional units selected from:

CISA 300, CISA 310, CISA 320, CISA 340, CISA 330, CISA 350, CISC 320, CISC 350	.....	3
ECON 302	Principles of Macroeconomics or	
ECON 320/BUS 320	Concepts of Personal Finance	3
MGMT 362	Techniques of Management	3
MKT 300	Principles of Marketing.....	3

General Options:

BUS 498 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 REQUIRED36-37

Suggested Electives:

ACCT 121, 311, 341; BUS 100, 210, 212, 214, 218, 350, 360; CISA 301, 302, 311, 321, 331; CISC 321, 351; CISW 380 or 425; MGMT 176, 308, 360, 372; MKT 120, 122, 310, 312, 314; RE 110, 120, 130, 300.

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.

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.

Upon completion of this program, the student will be able to:

- Identify and explain the major functional areas of business organizations including management, marketing, finance, and accounting.
- Develop leadership skills that are effective in managing a multicultural workforce.
- Analyze practical business problems and integrate research and critical thinking to evaluate and recommend alternative solutions.
- Apply accounting concepts and principles to make decisions about business operations.
- Integrate management principles in relationship to finance, personnel, products, services, and information.
- Communicate effectively verbally and in writing in various business settings.
- Apply commonly used computer application programs to create relevant business documents

DEGREE

A.A.—Business, Small Business Management/Entrepreneurship

REQUIRED PROGRAM	Units
Business Core:	
ACCT 101 Fundamentals of College Accounting or	
ACCT 301 Financial Accounting	3-4
BUS 300 Introduction to Business.....	3
BUS 310 Business Communication.....	3
BUS 330 Managing Diversity in the Workplace.....	3
BUS 340 Business Law or	
BUS 345 Law and Society	3
BUSTEC 302 Computer Keyboarding.....	2
CISC 310 Intro to Computer Information Science (3) or	
Three (3) units to include:	
CISC 300 Computer Familiarization (1) and	
Any two (2) additional units selected from:	
CISA 300, CISA 310, CISA 320, CISA 340, CISA 350, CISC 320, CISA 330,	
CISA 350	3
ECON 302 Principles of Macroeconomics or	
ECON 320/BUS 320 Concepts of Personal Finance	3
MKT 300 Principles of Marketing.....	3
Small Business Management/Entrepreneurship Option:	
MKT 310 Selling Professionally or	
MKT 314/CMED 376 Advertising	3
BUS 350 Small Business Mgmt/Entrepreneurship (3) or	
Three (3) units selected from:	
BUS 210, 212, 214, 218, 224.....	3
BUS 498 Work Experience (3) or	
Human/Career Development (any course combination) (3).....	3
TOTAL UNITS REQUIRED	35-36

Suggested Electives: ACCT 125, 341; MGMT 300, 362, 372.

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.

The Small Business Management degree provides training and education for those wishing to own or manage a small entrepreneurial venture. The various elements involved in starting and operating a small business are covered.

Upon completion of this program, the student will be able to:

- Evaluate the feasibility of success when starting a new business venture.
- Research and compose a business plan that can be used for planning as well as financing.
- Employ appropriate management, finance, accounting, and marketing techniques required in operating a business.
- Develop effective oral and written communication skills that can be applied in various business settings.
- Demonstrate the ability to comprehend, apply, and evaluate standards of ethical behavior in various business settings.
- Formulate original ideas and concepts in addition to integrating the ideas of others into the problem solving process.

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 Financial Accounting.....	4
ACCT 311 Managerial Accounting	4
BUS 300 Introduction to Business.....	3
CISA 308 Exploring Word Process & Present Software	1
CISA 310 Intro to Electronic Spreadsheets	1
CISC 308 Exploring Computer Environment & the Internet	1
ECON 302 Principles of Macroeconomics	3
ECON 304 Principles of Microeconomics.....	3
STAT 300 Introduction to Probability and Statistics	4
TOTAL UNITS REQUIRED.....	24

Suggested Electives:

ACCT 341; BUS 310, 345, 340, BUSTEC 302; CISC 300, CISP 320; MGMT 372, 362; MKT 300; RE 300.

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.

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.

Upon completion of this program, the student will be able to:

- Identify and explain the major functional areas of business organizations including management, marketing, finance, and accounting.
- Develop leadership skills that are effective in managing a multicultural workforce.
- Analyze practical business problems and integrate research and critical thinking to evaluate and recommend alternative solutions.
- Apply accounting concepts and principles to make decisions about business operations.
- Integrate management principles in relationship to finance, personnel, products, services, and information.
- Communicate effectively verbally and in writing in various business settings.
- Apply commonly used computer application programs to create relevant business documents

DEGREE

A.A.—Business, Administrative Assistant

REQUIRED PROGRAM	Units
ACCT 301 Financial Accounting or	
ACCT 101 Fundamentals of College Accounting	3-4
BUS 300 Introduction to Business.....	3
BUS 310 Business Communication.....	3
BUS 330 Managing Diversity in the Workplace	3
BUS 340 Business Law or	
BUS 345 Law and Society	3
BUSTEC 302 Computer Keyboarding	2
CISC 310 Intro to Computer Info Science (3) or	
Three to four (3-4) units to include:	
CISC 300 Computer Familiarization (1) and	
Any two (2) additional units selected from:	
CISA 310, CISA 320, CISA 330, CISA 340, CISC 320, CISC 3503-4	
ECON 302 Principles of Macroeconomics or	
ECON 320/BUS 320 Concepts of Personal Finance.....	3
MGMT 362 Techniques of Management.....	3
MKT 300 Principles of Marketing	3
Administrative Assistant Option:	
BUS 100 English for the Professional	3
BUS 498 Work Experience (3).....	3
BUSTEC 101 Computer Keyboarding: 10-Key.....	1
BUSTEC 303 Computer Keyboard Formatting	2
BUSTEC 304 Computer Keyboard Speed-&-Accuracy Building.....	2
CISA 300 Beginning Word Processing.....	1
CISA 301 Intermediate Word Processing	1
Plus three (3) units selected from the following:.....	3
ACCT 121, 341; BUS 105; CISA 311, CISA 331	
TOTAL UNITS REQUIRED	45-49

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.

This program provides the courses necessary to transfer to a 4-year college, while also allowing the student to prepare for an entry-level position in business administration.

Upon completion of this program, the student will be able to:

- identify and explain the major functional areas of the business organizations including management, marketing, finance, and accounting.
- apply accounting concepts and principles in making decisions about business operations.
- manage multiple office tasks and understand the importance of task prioritization.
- develop leadership skills that are effective in managing a multicultural workforce.
- produce clear, concise and mechanically correct written business documents.
- demonstrate electronic communication skills in the preparation and completion of office correspondence.
- demonstrate proficiency in using software application (ms word and excel).
- demonstrate proficiency in keyboarding at 40 words per minute.

CERTIFICATE OF RECOGNITION**Business, Office Assistant**

REQUIRED PROGRAM	Units
Core Courses	
BUS 100 English for the Professional	3
BUSTEC 101 Computer Keyboarding: 10-Key.....	1
BUSTEC 302 Computer Keyboarding or Keyboarding speed verification at 25 wpm or better.....	0-2
BUSTEC 303 Computer-Keyboard Formatting	2
BUSTEC 304 Computer Keyboard Speed-&-Accuracy Bldg or Keyboarding speed verification at 40 wpm or better.....	0-2
CISA 300 Beginning Word Processing	1
CISA 310 Intro to Electronic Spreadsheets.....	1
CISC 300 Computer Familiarization.....	1
<u>Office Assistant</u>	
BUSTEC 120 Skills for Today's Office.....	1
TOTAL UNITS REQUIRED	12-14

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.

Upon completion of this program, the student will be able to:

- manage multiple office tasks and understand the importance of task prioritization
- produce clear, concise and mechanically correct written business documents.
- demonstrate electronic communication skills (internet and email)
- demonstrate proficiency in using software applications (MS Word and Excel)
- demonstrate proficiency in keyboarding 40 wpm

CERTIFICATE OF ACHIEVEMENT**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 a computer applications specialist position.

REQUIRED PROGRAM	Units
Core Courses	
BUS 100 English for the Professional	3
BUSTEC 101 Computer Keyboarding: 10-Key.....	1
BUSTEC 302 Computer Keyboarding or Keyboarding speed verification at 25 wpm or better.....	0-2
BUSTEC 303 Computer-Keyboard Formatting	2
BUSTEC 304 Computer Keyboard Speed-&-Accuracy Bldg or Keyboarding speed verification at 40 wpm or better.....	0-2
CISA 300 Beginning Word Processing	1
CISA 310 Intro to Electronic Spreadsheets.....	1
CISC 300 Computer Familiarization.....	1
<u>Office Technician</u>	
BUSTEC 110 Administrative Procedures.....	3
CISA 301 Intermed Word Processing.....	1
CISA 311 Intermed Electr Spreadsheets.....	1
Plus one (1) unit selected from:.....	1
CISA 320 Database Management (1)	
CISA 340 Presentation Graphics (2)	
TOTAL UNITS REQUIRED	15-19

This certificate program is designed to provide the tools needed for an entry-level office position. 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.

Upon completion of this program, the student will be able to:

- manage multiple office tasks and understand the importance of task prioritization
- produce clear, concise and mechanically correct written business documents.
- demonstrate electronic communication skills (internet and email)
- demonstrate proficiency in using software application (MS Word, Excel, PowerPoint and Database Management)
- demonstrate proficiency in keyboarding of 40 wpm

- implement appropriate office procedures.
- demonstrate competence using business office technology (copy machine, fax machine, 10-key calculator)

CERTIFICATE OF ACHIEVEMENT**Small Business Management/Entrepreneurship**

REQUIRED PROGRAM	Units
BUS 300 Introduction to Business	3
BUS 310 Business Communication.....	3
BUS 350 Small Business Mgmt/Entrepreneurship (3) or Three (3) units selected from:	3
BUS 210, 212, 214, 218, 224	
BUSTEC 302 Computer Keyboarding	2
CISC 310 Intro to Computer Information Science	3
MKT 300 Principles of Marketing	3
MKT 310 Selling Professionally.....	3
TOTAL UNITS REQUIRED	20

This certificate is designed for existing and potential entrepreneurs. It provides an organized course of study that enables students to develop their entrepreneurial skills, recognize opportunities, and learn the basics of starting and managing a small business.

Upon completion of this program, the student will be able to:

- create a business plan that covers all facets of operating a business.
- organize and manage the different business functions necessary for ongoing operations.
- appraise and evaluate business opportunities.

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 180 INTRODUCTION TO THE NONPROFIT SECTOR 3 UNITS

Prerequisite: BUS 100 with a grade of "C" or better

Advisory: ENGWR 101

Hours: 54 hours LEC

This course will provide students with base level knowledge of the Nonprofit sector, laying the foundation for those interested in pursuing a Nonprofit Organizational Management certificate. This course will examine all aspects of business specific to Nonprofit Organizations and will identify key differences between the Nonprofit sector and the For-profit and public sectors. Subject matter includes governance and boards, fundraising, marketing, communications, and techniques of management. Students completing this course will have an understanding of the fundamentals of business, specific to Nonprofit organizations.

BUS 181 NONPROFIT FUNDRAISING 3 UNITS

Prerequisite: None.

Hours: 54 hours LEC

This course will train students how to interact professionally and consistently with the public when raising funds. As many Nonprofits rely heavily on fundraising, this course will provide students with the essential knowledge that can be directly applied to real world organizations to get them the critical, recurring funds needed to fulfill their mission.

BUS 182 NONPROFIT GOVERNANCE AND FINANCIAL MANAGEMENT**3 UNITS**

Prerequisite: None.

Hours: 54 hours LEC

This course will examine board governance and financial management specific to Nonprofit organizations. Students will get an up-close look at Governing Boards, examining their make up and purpose. Additionally, students will be exposed to the unique financial management aspects of the Nonprofit sector.

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 COMMUNICATIONS 3 UNITS

Prerequisite: BUS 100 with a grade of "C" or better

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. It 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

Same As: ECON 320

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. This course is not open to student 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: ENGR 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

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: BUS 100 (English for the Professional), BUSTEC 302 (Computer-Keyboarding), BUSTEC 303 (Computer-Keyboard Formatting), CISA 308 (Exploring Word Processing and Presentation Software), CISA 310 (Introduction to Electronic Spreadsheets), or CISA 320 (Introduction to Database Management).

Hours: 54 hours LEC

This course prepares students to perform various information processing procedures and problem solving tasks required to support both today's office systems and those of the future. Students learn critical thinking, problem solving, teamwork, supervision skills, office procedures, and information processing technologies to manage their work, as well as necessary attributes of an office professional. These skills will provide the background for advancement to supervision and management positions. Primary emphasis is on processing documents using introductory skills in word processing, spreadsheets, presentation graphics, database and e-mail. Also included are managing information storage and retrieval, and coordinating office communications, to improve the efficiency of office functions.

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

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, essential computer-keyboarding information, and use of basic features of a current office-level word processing program.

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 business protocol are reinforced throughout the course.

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

All Chemistry students are required to wear closed-toe shoes at all times in the chemistry laboratory. They are also required to wear indirect-vent safety goggles (safety glasses are not acceptable) while working in the laboratory.

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; 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 300 OR CHEM 305 OR one year high school chemistry lecture and laboratory with a grade of "C" or better; AND MATH 120 with a grade of "C" or better OR placement into a transfer level math course through the assessment process.

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; stoichiometry; atomic structure; quantum theory; molecular structure; bonding theory; physical properties of gases, liquids, and solids; thermochemistry; and properties of solutions.

CHEM 401 GENERAL CHEMISTRY 5 UNITS

Prerequisite: CHEM 400 with a grade of "C" or better

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 with a grade of "C" or better

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 with a grade of "C" or better

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 with a grade of "C" or better; Math 102 or equivalent. Grade "C" or better required to meet prerequisite.

Advisory: None

Course Transferable to UC/CSU

Hours: 72 hours LEC ; 54 hours LAB

This course covers principles of chemistry and scientific method, including a brief introduction of organic chemistry. It is primarily designed for general education and majors in allied health, home economics, physical education, physical therapy(*), psychology(*), natural resources(*). *May require CHEM 400.

CHEM 306 INTRODUCTION TO CHEMISTRY 5 UNITS

Prerequisite: CHEM 305 with a grade of "C" or better

Course Transferable to UC/CSU

Hours: 72 hours LEC ; 54 hours LAB

This course is a continuation of CHEM 305. This course covers the organic functional groups and reactions involved in the mechanisms of the chemistry of life processes (biochemistry) particularly as applied to the health sciences.

CHEM 421 ORGANIC CHEMISTRY 5 UNITS

Prerequisite: CHEM 420 with a grade of "C" or better

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)

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE A.A. - Communication, Organizational Communication
CERTIFICATE OF RECOGNITION 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

DEGREE

A.A. — Communication, Organizational Communication

The role of communication in the workplace today has grown in importance, and workplace communication competencies are increasingly in demand. The number one skill identified by employers is the ability to communicate clearly in both oral and written form. The number two skill identified by employers as necessary is the ability to work effectively as a member of a team. A competitive workplace requires employees to exercise competence in interview skills, professional presentations, written communication, group problem solving, intercultural interactions, conflict management, and analytical reasoning. This degree gives students a foundation that can be used in any career path, increasing their preparation for employment and preparing them for transfer to a four-year college or university.

REQUIRED PROGRAM	.....Units
Core Courses:	
COMM 301 Introduction to Public Speaking	3
COMM 311 Argumentation and Debate.....	3
COMM 321 Interpersonal Communication	3
CMED 300/JOUR 310 Mass Media and Society	3
Communication in Organizations.....	6
COMM 341 Organizational Communication (3)	
And one (1) of the following:	
BUS 330 Managing Diversity in the Workplace (3)	
COMM 315 Persuasion (3)	
MGMT 360 Management Communication (3)	
Written Communication	6
ENGWR 300 College Composition (3)	
And one (1) of the following:	
BUS 310 Business Communication (3)	
ENGWR 302 Adv Composition & Critical Thinking* (3)	
(* 2 nd semester writing requirement for CSUS)	
Communication for a Diverse World.....	6-7
COMM 325 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 Group Discussion (3)	
And one (1) of the following:	
COMM 373 Forensics Laboratory (3)	
Or any department approved internship	
TOTAL UNITS REQUIRED	36-37

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.

Upon completion of this program, the student will be able to:

- demonstrate an understanding of the history, evolution and multidisciplinary nature of human communication.
- analyze evidence and reasoning to identify and provide appropriate and credible support for written and oral communication.
- demonstrate individual responsibility, integrity, and respect in all communication interactions.
- design and deliver effective and appropriate written and/or oral messages in a variety of personal, professional, and social contexts.
- demonstrate communication competency utilizing both nonverbal and verbal communication strategies appropriate for diverse audiences.
- differentiate amongst various theoretical perspectives within the discipline of Human Communication.
- differentiate amongst various theoretical perspectives within the field of Organizational Communication.

CERTIFICATE OF RECOGNITION**Applied Communication Skills**

REQUIRED PROGRAM	Units
COMM 301 Introduction to Public Speaking	3
COMM 325 Intercultural Communication	3
COMM 331 Group Discussion	3
COMM 341 Organizational Communication	3
Plus one (1) additional course selected from:	3
COMM 311 Argumentation and Debate (3)	
COMM 315 Persuasion (3)	
COMM 321 Interpersonal Communication (3)	
COMM 361 The Communication Experience (3)	
COMM 371 Voice and Diction (3)	
TOTAL UNITS REQUIRED	15

This certificate program provides the communication skills necessary for entry-level positions in business, and helps improve managerial attributes with an emphasis on abilities to communicate effectively, efficiently and appropriately in organizational settings. Students with this certificate are prepared to design messages based on analysis of the intended audience and cultural context, apply effective listening skills, analyze persuasive messages, and demonstrate effective oral presentation skills. The certificate prepares students with the skills necessary to demonstrate proficiency in different communication settings by identifying and appraising factors that affect organizational communication structures in small group, interpersonal and intercultural settings.

Upon completion of this program, the student will be able to:

- design and relate messages clearly for effective and appropriate oral communication.
- apply effective listening skills to comprehend spoken messages, analyze information critically and consider multiple perspectives.
- compose ideas clearly in effective, appropriate and well-organized written messages.
- demonstrate effective communication appropriate to diverse contexts and people.

Communication Studies (COMM)**COMM 301 INTRODUCTION TO PUBLIC SPEAKING 3 UNITS**

Prerequisite: ENGWR 101 with a grade of "C" or better; or placement through the assessment process.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course prepares students to speak in a variety of rhetorical situations: academic, professional, social, and political. Students will demonstrate effective verbal and non verbal delivery, ethical research methodology, analytical thinking and listening skills, organization and outlining skills, and appropriate presentation skills. In order to effectively assess oral communication competency, each student will complete a minimum of 22 minutes of evaluated speaking time. Emphasis is on researching, preparing, organizing, writing and presenting a variety of speeches for different audiences. Video taping equipment may be used as an aid to the student's self-analysis and improvement. Access to a computer with online capabilities may be required and is available on campus.

COMM 305 ORAL INTERPRETATION 3 UNITS

Prerequisite: ENGWR 101 with a grade of "C" or better; or placement through the assessment process

Advisory: COMM 301 or ENGWR 300

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces students to the field of performance studies through the oral interpretation of various literary genres, including Western and Non-Western literature. The focus is on audience analysis, selection and thematic analysis of literature, script writing, discussion and application of vocal and physiological delivery techniques, program performance, and post performance evaluation. Theoretical issues and historical developments are examined and applied to the current performance trends in solo, duo and interpreters' theatre.

COMM 311 ARGUMENTATION AND DEBATE 3 UNITS

Prerequisite: ENGWR 300 with a grade of "C" or better

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 with a grade of "C" or better

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 with a grade of "C" or better

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 with a grade of "C" or better

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 with a grade of "C" or better

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 with a grade of "C" or better

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 with a grade of "C" or better

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

Same As: JOUR 310

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 54 hours LEC

The class will offer a survey of the mass media: history, philosophy, structure and trends, as well as theories which help to explain effects and the importance as a social institution. The course will explore economics, technology, law, ethics, and social issues, including cultural and ethnic diversity. This course is the same as JOUR 310, and only one may be taken for credit. See "Cross-Listed Courses" in the catalog.

CMED 305 THE HISTORY OF FILM 3 UNITS

Same as: PHOTO 425

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. This course is the same as FMS 305, and only one may be taken for credit.

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

The Folsom Lake College educational program in computing consists of courses, certificates, and degrees in a variety of areas related to computing.

Individual courses are organized into several groups, related to computer application user skills (CISA), programming (CISP), the web (CISW), and general "core" topics (CISC). Students interested in pursuing a certificate or degree may choose from a variety of educational programs. These educational programs are organized into several groups:

- Computer Science and Programming
- Database Technology and Information Technology
- Management Information Systems

Computer Science and Programming

DEGREES

A.S. — Computer Science

CERTIFICATES OF ACHIEVEMENT

**Programming
Windows Programming**

What is Computer Science?

New technology creates the future. Computer scientists use a body of skills and knowledge to create these new computer hardware and software technologies. Computer scientists are technically educated professionals, and can be found working in many fields: as programmers and designers, as experts in the use of technology in other fields, and as managers in a variety of organizations.

Computer Science as a field of study encompasses the following subareas: Algorithms and Data Structures, Programming Languages, Hardware and Software Architecture, Software Engineering, Databases, Artificial Intelligence and Robotics, Computer Animation and Graphics, Computer Games, Networks, Security, and Bioinformatics.

Academic Programs

Help create the technological future of computing.

The Folsom Lake College academic programs in Computer Science and Programming provide comprehensive exposure to computer science in preparation for upper-division computer science courses, and preparation for entry-level employment in government, business, and computer-related industries.

Career Options

Programmer, Technician, Software Verification and Testing, Systems Analyst, Systems Designer, Software Engineer; Firmware Engineer, Software Architect, Computer Engineer, Computer Technologist, Technical Manager. Many of these options require a Bachelors degree, although some entry-level opportunities exist for individuals with an Associates degree or Certificate.

Highlights

- A great foundation for entry to university
- A broad-based technical education
- State-of-the-art computer facilities
- 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.

Required Program	.....Units
CISC 310	Introduction to Computer Information Science .....3
CISP 300	Algorithm Design/Problem Solving .....3
CISP 310	Assembly Language Prog. for Microcomputers .....4
CISP 360	Introduction to Structured Programming.....4
CISP 400	Object Oriented Programming with C++ .....4
CISP 430	Data Structures .....4
CISP 440	Discrete Structures for Computer Science .....3

A minimum of 10 units from the following:

CHEM 400	General Chemistry (5)
CISP 351	Introduction to Relational Database Design & SQL (3)
CISP 365	Windows API Programming with C (4)
CISP 370	Beginning Visual Basic (4)
CISP 371	Intermediate Visual Basic (4)
CISP 405	Object Oriented Programming using C# on Visual Studio .NET (4)
CISP 453	Introduction to Systems Programming in Unix (4)
CISW 400	
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)

TOTAL UNITS REQUIRED 35

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 for required transfer course articulation.

Upon completion of this program, the student will be able to:

- Design, write, test and debug computer programs, using a low-level language, a structured language, and an object-oriented language.
- Evaluate various solutions to a proposed problem in terms of programming languages, software architecture, and other appropriate computer technologies.
- Demonstrate a fundamental knowledge of the basic concepts that define the discipline of computer science, such as data structures, discrete mathematics, basic computer architecture, operating system internals, networking fundamentals, and programming languages.

CERTIFICATE OF ACHIEVEMENT

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 401	Object Oriented Programming with JAVA (4)
or CISP 405	Object Oriented Programming using C# on Visual Studio .NET (4)
CISP 430	Data Structures .....4
CISP 440	Discrete Structures for Computer Science .....3
TOTAL UNITS REQUIRED	..... 21

- Upon completion of this program, the student will be able to:
- Design, write, test and debug computer programs, using a structured language, and an object-oriented language.
- Evaluate software systems for conformance to system requirements.
- Participate as a member of a software development team.

CERTIFICATE OF ACHIEVEMENT**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
A minimum of 8 units from the following:	
CISP 365 Windows API Programming with C	4
CISP 371 Intermediate Visual Basic	4
CISP 405 Object Oriented Programming using C# on Visual Studio .NET	4
TOTAL UNITS REQUIRED	18

Upon completion of this program, the student will be able to:

- Design, write, test and debug computer programs, using a structured language, and an object-oriented language.
- Participate as a member of a software development team.
- Use current Microsoft programming tools.

Database Technology and Information Technology**CERTIFICATE OF ACHIEVEMENT**

**Computer Programmer - SQL
Relational Database Administration
Web Developer**

CERTIFICATES OF RECOGNITION**Database Analyst - SQL****What is Information Technology?**

The modern world runs on information technology. IT professionals use software tools to design, create, and maintain the information systems used to run organizations.

Academic Programs

This Folsom Lake College program includes study in Database Technology and Information Technology systems. It is designed for the student interested in entry-level information-technology oriented employment in government, business and industry. The Database Technology option offers certificates in a "ladder" approach, with introductory certificates providing progress towards more advanced certificates. The Web and Internet Programming certificates provide students with skills required to create database-driven websites for the Internet and the internal intranets used by most business and industry organizations.

Career Options

Database Analyst – SQL; Computer Programmer – SQL; Relational Database Administrator; Systems Analyst; Programmer; Data Entry Specialist; Internet Programmer; Web Programmer

Highlights

- Technical training in designing and administering IT systems
- Hands-on experience in a state-of-the-art computer center
- Study in a field that has great employment opportunities and encompasses many careers.

Database Ladder - Level 1**CERTIFICATE OF RECOGNITION****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 Intro to Computer Information Science	3
CISC 323 Linux Operating System	1
CISC 324 Intermed Linux Operating System	1
CISP 300 Algorithm Design/Problem Solving	3
CISP 351 Intro to Relational Database Design & SQL	3
CISP 352 Intermediate SQL	3
TOTAL UNITS REQUIRED	14

Upon completion of this program, the student will be able to:

- List the hardware components of a computer system and differentiate among system and application software.
- Describe the relationship of operating systems to database file management.
- Devise computerized solutions in the development of databases by applying a solid foundation of algorithmic principles.
- Distinguish between the user interfaces of the operating system text in regards to using either most effectively.
- Compare and contrast hierarchical, network, and relational databases.
- Design, create, and administer relational databases.
- Create client applications using structured query language (SQL).

Database Ladder - Level 2**CERTIFICATE OF ACHIEVEMENT****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.

REQUIRED PROGRAM	Units
CISC 310 Intro to Computer Information Science	3
CISC 323 Linux Operating System	1
CISC 324 Intermed Linux Operating System	1
CISP 300 Algorithm Design/Problem Solving	3
CISP 351 Intro to Relational Database Design & SQL	3
CISP 352 Intermediate SQL	3
CISP 353 Application Development in a Client Server Environment	3

Two to four (2-4) units selected from the following:.....2-4

CISP 370 Beginning Visual BASIC (4) or	
CISA 320 Database Management (1) and	
CISA 321 Intermed Database Management (1)	

TOTAL UNITS REQUIRED19-21

Upon completion of this program, the student will be able to:

- List the hardware components of a computer system and differentiate among system and application software.
- Describe the relationship of operating systems to database file management.
- Apply intermediate level Linux utilities, such as awk and sed, to implement complex algorithms.
- Explain the common gateway interface (CGI) protocol and apply those concepts to build an interactive web page.
- Devise computerized solutions in the development of databases by applying a solid foundation of algorithmic principles.
- Distinguish between the user interfaces of the operating system text in regards to using either most effectively.
- Compare and contrast hierarchical, network, and relational databases.
- Design, create, and administer relational databases.
- Create client applications using structured query language (SQL).
- Create a user interface with visual basic to connect to a database server.
- Design tables, forms, queries, and reports using office database application software.

Database Ladder - Level 3**CERTIFICATE OF ACHIEVEMENT****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
CISA 320 Database Management	1
CISA 321 Intermediate Database Management	1
CISC 310 Intro to Computer Information Science	3
CISC 323 Linux Operating System	1
CISC 324 Intermed Linux Operating System	1
CISC 325 Adv Linux Operating System	1
CISP 300 Algorithm Design/Problem Solving	3
CISP 351 Intro to Relational Database Design & SQL	3
CISP 352 Intermediate SQL	3
CISP 354 Intro to Relational Database Admin	3
TOTAL UNITS REQUIRED	20

Upon completion of this program, the student will be able to:

- list the hardware components of a computer system and differentiate among system and application software.
- design tables, forms, queries, and reports using office database application software.
- design multi-table forms, establish table relationships and create macros using visual basic for applications (VBA).
- describe the relationship of operating systems to database file management.
- apply system administration concepts and perform tasks such as creating file systems and monitor system performance.
- devise computerized solutions in the development of databases by applying a solid foundation of algorithmic principles.
- distinguish between the user interfaces of the operating system text in regards to using either most effectively.
- compare and contrast hierarchical, network, and relational databases.
- design, create, and administer relational databases.
- create client applications using structured query language (SQL).
- create a user interface with visual basic to connect to a database server.
- perform database backup and recoveries.

CERTIFICATE OF ACHIEVEMENT

Web Developer

The Web Developer certificate is designed for individuals seeking jobs related to designing, developing, and maintaining interactive database-driven web applications for the Internet and Intranets.

REQUIRED PROGRAM	Units
CISC 310	Introduction to Computer Information Science.....3
CISP 300	Algorithm Design/Problem Solving.....3
CISP 351	Intro to Relational Database Design & SQL.....3
CISW 300	Web Publishing.....3
CISW 400	Client-side Web Scripting.....4

A minimum of five (5) units selected from the following:.....5

CISP 371	Intermediate Visual Basic (4)
CISP 405	Object Oriented Programming using C# on Visual Studio .NET (4)
CISW 321	Web Site Development using Dreamweaver (3)
GCOM 361	Creative Web Page Design (3)

TOTAL UNITS REQUIRED 21

Upon completion of this program, the student will be able to:

- Determine requirements, evaluate appropriate tools, design, implement, and administer an effective web-based solution.
- Understand the role of websites within the larger information technology environment.
- Utilize several web development tools and technologies to develop web sites.
- Create and debug client-side or server-side scripts for websites.
- Construct Structured Query Language (SQL) commands to access, display, modify, add, and delete information for a web application.
- Integrate programming functionality with graphics and multimedia content.
- Devise or choose appropriate algorithms for the solution of problems using the control structures of structured programming.
- Utilize object-oriented-event-driven programming techniques to create a web application

Management Information Systems

CERTIFICATES OF ACHIEVEMENT

M.I.S. - Application Technician

M.I.S. - Information Processing

CERTIFICATES OF RECOGNITION

Web Publishing

M.I.S. - Application Data Entry

What is Management Information Systems?

Management Information Systems is concerned with the use and management of computer hardware and software application programs in a business environment.

Academic Programs

This Folsom Lake College program includes study in management information systems. The MIS option offers a "ladder" approach with introductory certificates providing progress towards more advanced certificates. Graduates of the program should expect to find entry-level computer application management or administration oriented employment in government, business and industry, and/or acquire skills for the use of computer applications.

Career Options

Computer Operator; Applications Software Specialist; Systems Analyst; Data Entry Specialist; Computer Systems Specialist; Computer Technician, Webmaster

Highlights

- Hands-on experience in a state-of-the-art computer center
- Study in a field that has great employment opportunities and encompasses many careers.

CERTIFICATE OF RECOGNITION

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.

REQUIRED PROGRAM	Units
BUS 310	Business Communication (3) or
ENGWR 300	College Composition (3).....3
CISC 320	Operating Systems (Windows) (1) or
CISC 323	Operating Systems (Linux) (1).....1
CISW 300	Web Publishing.....3
CISW 350	Graphic Design for the Web.....1
Design Elective:	
PHOTO 400	Digital Imaging.....3
Plus four to six (4-6) units selected from the following:.....4-6	
CISA 330	Desktop Publishing (2)
CISA 340	Presentation Graphics (2)
CISC 306	Introduction to Web Page Creation (1)
TOTAL UNITS REQUIRED	.....15-17

Suggested Electives:

CISC 310	Intro to Computer Information Science (3)
CISW 400	Client-Side Web Scripting (4)

Upon completion of this program, the student will be able to:

- Compose on-screen, print and web documents using appropriate business writing style, document appearance, grammar, and mechanics.
- Demonstrate competence using the tools, commands, and other features of a graphical or command-line user interface operating system to run application software, research and receive on-line and off-line help with the system or other software, and perform file management housekeeping tasks.
- Create web pages using Hyper Text Markup Language (HTML) using various web page software programs.
- Explain the characteristics of a well-designed web page in terms of accessibility; download time, composition, image maps, and animation.
- Demonstrate competence and facility with the software, hardware, and networking tools necessary for publishing documents on the World Wide Web.
- Identify the information dissemination needs of a client, design an appropriate WWW solution, implement it, present the solution to the client, and revise as necessary.
- Demonstrate sufficient working knowledge of designing, creating, and publishing office media to the Web to seek employment as an entry level Web Developer.

MIS Ladder - Level 1

CERTIFICATE OF RECOGNITION

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
BUSTEC 101	Computer Keyboarding: 10 Key.....1
BUSTEC 110	Office Procedures.....3
BUSTEC 302	Computer Keyboarding.....2
BUSTEC 303	Computer Keyboard Formatting.....2
CISA 300	Beginning Word Processing.....1
CISC 300	Computer Familiarization (1) or
CISC 310	Intro. to Computer Information Science (3).....1-3
TOTAL UNITS REQUIRED	.....10-12

Upon completion of this program, the student will be able to:

- Demonstrate in-depth knowledge of common office computerized application software and operating systems.
- Describe and apply ergonomic principles required to maintain appropriate posture and hand positions, and to avoid eyestrain while using computers for data entry.
- Use the keyboard to input data and use a mouse or other pointing device to issue computer commands or access software functions
- Type thirty six words a minute with a maximum of three errors.
- Operate a numeric keypad by touch at a rate of 10,000 or more keystrokes an hour with 98 percent accuracy.
- Create business documents such as letters and reports using appropriate business writing style, document appearance, grammar usage, and writing mechanics.
- Operate office equipment such as computers, telephones, fax machines, and reprographic equipment.

MIS Ladder - Level 2

CERTIFICATE OF ACHIEVEMENT

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 Business Communication	.....3
CISA 301 Intermed Word Processing	.....1
CISA 310 Electronic Spreadsheets	.....1
CISA 320 Database Management	.....1
TOTAL UNITS REQUIRED	.....16-18

Upon completion of this program, the student will be able to:

- Create formal business documents such as letters and reports using appropriate business writing style, document appearance, grammar and mechanics.
- Compose and deliver effective oral and graphical presentations in an appropriate manner
- Describe the characteristics of effective file management principles in storing and retrieving files when using a variety of computer applications.
- Prepare accurate spreadsheets efficiently by using appropriate formulas or functions and format those sheets in an attractive easy-to-understand manner.
- Analyze data needs and prepare tables, forms, queries and reports that display extracted data in an accurate, reliable and readable format.
- Demonstrate a sufficient working knowledge of effective communication and use of office computer applications to seek employment in an office environment as information processing workers

MIS Ladder - Level 3

CERTIFICATE OF ACHIEVEMENT

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 Intermed Electr Spreadsheets	.....1
CISA 321 Intermed Database Management	.....1
CISC 320 Operating Systems	.....1
CISA 340 Presentation Graphics	.....2
TOTAL UNITS REQUIRED	.....21-23

Upon completion of this program, the student will be able to:

- Create formal business documents, labels and envelope through mail merging, inclusion of graphics and tables, and use of templates.
- Compose on-screen and print presentations and web pages
- Prepare and present a variety of charts that present data in a clear and understandable manner.
- Demonstrate competence using the tools, commands, and other features of a graphical user interface operating system to run application software, research and receive on-line and off-line help with the system or other software, and perform file management housekeeping tasks.
- Locate, identify, and change the settings within an operating system to provide more functionality for computer users.
- Design office application macros that reduce redundancy of tasks
- Prepare accurate spreadsheets that can gather data from other sources
- Prepare database switchboards that allow non-database users to enter, save, retrieve and print data with little training.
- Seek employment as a lead person in an office environment with an in-depth knowledge of common office computerized application software.

Computer Info Science - Apps (CISA)

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 wam 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

Advisory: BUSTEC 302 and CISC 300.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course introduces the student to word processing and presentation software. The basic features and skills of creating, editing, formatting, inserting tables and graphics, and enhancing Microsoft Word documents and PowerPoint presentations are covered. This one unit course is primarily designed to meet the requirements for transfer to School of Business Administration at CSUS as MIS-1C.

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 completed a first course in database management. Students design and implement practical database applications, including relational database design to develop programming applications.

CISA 330 DESKTOP PUBLISHING 2 UNITS

Prerequisite: None

Advisory: BUSTEC 302, CISA 300, CISA 308, or CISC 300.

Course Transferable to CSU

Hours: 27 hours LEC ; 27 hours LAB

The course introduces desktop publishing through the use of a current desktop publishing application program. Material presented will include page layout skills needed to produce newsletters, brochures, flyers, reports, and marketing materials. Topics will include importing graphics and text, using palette menus, layers, master pages, styles, and working with graphic and text frames. Students may incur additional costs for storage media and printing. This course may be taken two times if using a different software package or software version.

CISA 340 PRESENTATION GRAPHICS 2 UNITS

Prerequisite: None

Advisory: CISA 300 and CISC 300.

Course Transferable to CSU

Hours: 27 hours LEC ; 27 hours LAB

This course presents an in-depth look at using computer software develop oral, written, and on-screen presentations. Topics include system requirements, graphic software, elements of a good presentation, types of graphics, and using slide show techniques for visual presentations. Students will learn how to edit and format presentations, animation, organizational charts, and clips (graphics, sounds, or video). Linking presentations into word processing, spreadsheet, or database files will be introduced. Students will use a variety of computer hardware and software to produce individual and/or group projects. This course may be taken twice if using different desktop publishing software or a significantly different software version.

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 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.

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 323 LINUX OPERATING SYSTEM 1 UNIT

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course introduces the Linux operating system for microcomputers. Concepts include kernels, file structures, daemons, shells, GUIs, procedures for installing software, creation of user accounts, shell commands, scripts, and file security.

CISC 324 INTERMEDIATE LINUX OPERATING SYSTEM 1 UNIT

Prerequisite: CISC 323 with a grade of "C" or better.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course is a continuation of CISC 323. It covers intermediate shell scripting to include decision-making logic, looping, nesting, and other scripting tools. Students will write simple Perl scripts, C and C++ programs, and will develop an interactive web page using the Common Gateway Interface.

CISC 325 ADVANCED LINUX OPERATING SYSTEM 1 UNIT

Prerequisite: None

Advisory: CISC 324.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course is an extension of concepts learned in Intermediate Linux Operating System course. Concepts include system installation, administration, and security. The course will also cover network administration, package managers, and X-Windows.

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 - Programming (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: CISP 360 with a grade of "C" or better.

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course is an introduction to computer architecture using assembly language programs. Topics include binary representation of data and instructions, memory addressing modes, subroutines and macros, operating system interrupts, processor architecture, and interfacing with high level languages.

CISP 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 Structured Query Language (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, and table and column constraints, union, intersection, minus, triggers, procedures and functions.

CISP 353 APPLICATION DEVELOPMENT IN A CLIENT SERVER ENVIRONMENT 3 UNITS

Prerequisite: None

Advisory: CISP 352

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed for the intermediate level Structured Query Language (SQL) programmer to design, create and deploy Graphical User Interface(GUI) applications that access relational database management systems. Topics include Graphical User Interface (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 (RDBMS). 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 administrator (DBA) position in industry.

CISP 360 INTRODUCTION TO STRUCTURED PROGRAMMING 4 UNITS

Prerequisite: CISP 300 with a grade of "C" or better

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 365 WINDOWS API PROGRAMMING WITH C 4 UNITS

Prerequisite: CISP 360 or 405. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 72 hours LEC

This course is an introduction to writing Graphical User Interface(GUI) programs for the Windows operating system using the Windows Application Program Interface(API) and the C programming language. This course provides the student with a fundamental understanding of the Windows API and the internal architecture of Windows GUI applications and their interaction with the operating system. Topics to be covered include the architecture of a Windows API application, creating a message pump, processing keyboard and mouse messages, window styles, dialog boxes, menus and other resources, bitmaps, multithreading, sound, and timers.

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 Console and Graphical User Interface programs for the Windows environment. Topics include control structures such as simple sequence, decisions, and iteration, procedures events, properties, error handling, form handling, and the use of typical controls such as buttons, textboxes, checkboxes, and listboxes. This course will provide students with a foundation in the use of objects, object libraries, and object-oriented-event-driven programming techniques.

CISP 371 INTERMEDIATE VISUAL BASIC 4 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 72 hours LEC

This is a second semester course in Visual Basic programming using Visual Studio.NET. Topics include the Visual Studio.NET Integrated Development Environment (IDE), object oriented programming concepts, and various .NET technologies. Students will develop programs for the Windows desktop and Web browsers (ASP.NET), as well explore other .NET technologies such as Web Services, Windows Services, and .NET Remoting.

CISP 400 OBJECT ORIENTED PROGRAMMING WITH C++ 4 UNITS

Prerequisite: CISP 360 with a grade of "C" or better

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course is an introduction to the C++ programming language. Topics include classes, encapsulation, polymorphism, inheritance, overloading, overriding, virtual functions, templates, exception handling, stream I/O, file processing, and the Standard Template Library. Also covered are an introduction to GUI development using class libraries, and an introduction to object oriented design methodology.

CISP 401 OBJECT ORIENTED PROGRAMMING WITH JAVA 4 UNITS

Prerequisite: CISP 360 (Introduction to Structured Programming) with a grade of "C" or better.

Course Transferable to UC/CSU

See UC Limitations & Counselor

Hours: 72 hours LEC

This course is an introduction to Object Oriented Programming using the Java language. The student will learn how to design and implement object oriented applications. Topics will include: objects, classes, UML, function overloading, inheritance, static and dynamic class relationships, polymorphism, components, graphical user interfaces, event driven programming, class associations, interfaces, error handling, threads, file I/O, testing and debugging.

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 430 DATA STRUCTURES 4 UNITS

Prerequisite: CISP 360

Advisory: CISP 400

Course Transferable to UC/CSU

Hours: 72 hours LEC

This is a course in data structures for computer science. Topics include time complexity analysis and big-O notation, recursion, searching and sorting, linked lists, stacks, queues, priority queues, binary trees, B-trees, graphs, hashing, and basic encryption algorithms.

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 453 INTRODUCTION TO SYSTEMS PROGRAMMING IN UNIX 4 UNITS

Prerequisite: CISP 310 (Assembly Language Programming for Microcomputers) and 430 (Data Structures) with grades of "C" or better.

Course Transferable to CSU

Hours: 72 hours DIS

This course covers the features of the C language commonly used in systems programming, and the application of those features to systems programming in a Linux/UNIX environment. Topics include C preprocessor macros, input/output, bit-manipulation facilities, timesharing system concepts, shell script programming, make files and source code control, basic system calls including fork and exec, pointers and dynamic memory allocation, libraries, and relocation and linking concepts including assembler handling of symbol tables.

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 300 and 305.

Course Transferable to CSU

Hours: 54 hours LEC

This course is an introduction to publishing on the Internet's World Wide Web (WWW), organizing a series of pages into a web site, and uploading web pages to a server. The course makes extensive use of the techniques necessary to create HTML tags, create images, and view web documents. This course prepares apprentice web designers and publishers to identify information and dissemination needs of a client, design and appropriate WWW solution and implement it.

CISW 321 WEB SITE DEVELOPMENT USING DREAMWEAVER 3 UNITS

Prerequisite: None

Advisory: CISW 300

Course Transferable to 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 326 INTERMEDIATE WEB SITE DEVELOPMENT USING DREAMWEAVER 3 UNITS

Prerequisite: CISW 321 with a grade of "C" or better.

Course Transferable to CSU

Hours: 54 hours LEC

This course will reinforce many Dreamweaver topics covered in the beginning course (CISW 305 or CISW 321) using a more in-depth approach to those topics. In addition the course will introduce the other Macromedia components such as Flash, Shockwave, and content management using Contribute software. Other topics covered include the following: advanced page formatting using style sheets, working with dynamic data, integrating search functionality, adding shopping cart functionality, security, user authentication, and Web services.

CISW 350 IMAGING FOR THE WEB 1 UNIT

Prerequisite: None

Advisory: CISC 306 or CISW 300.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course introduces techniques of assembling 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 assembling 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 enhance a web site. Students may incur additional costs for storage media.

CISW 400 CLIENT-SIDE WEB SCRIPTING 4 UNITS

Prerequisite: CISW 300 with a grade of "C" or better

Advisory: CISC 310 and CISP 300

Course Transferable to CSU

Hours: 72 hours LEC

This course emphasizes the creation of dynamic and interactive Web sites using a client-side scripting language such as JavaScript. Topics include the Document Object Model (DOM) that defines structured Web pages, core features of the client-side scripting language, event handling, control of windows and frames, functions, and form validation. This course may be taken a second time with a different client-side Web scripting language.

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

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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.

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 with a grade of "C" or better

Enrollment Limitation: Students must present California Department of Justice (DOJ) clearance letter prior to attending class.

Hours: 16 hours LEC ; 8 hours LAB

In compliance with California Penal Code 832 as well as requirement of the California Commission on Peace Officer Standards and Training (POST), this course is a basic introduction to the legal aspects of firearms usage and safety. Course topics include: handgun familiarization and safety, shooting principles, and live fire exercises. Credit/No Credit Only.

Early Childhood Education

ACADEMIC COUNSELING

Folsom campus - 916-608-6500
 El Dorado Center - 530-642-5645
 Rancho Cordova Center - 916-255-0717

DEGREES

- A.A. - Early Childhood Education
- A.A. - Early Childhood Education, Site Supervisor

CERTIFICATES OF ACHIEVEMENT

- Early Childhood Education, Infant Specialist
- Early Childhood Education, Master Teacher
- Early Childhood Education, School Age Specialist
- Early Childhood Education, Site Supervisor
- Early Childhood Education, Teacher

CERTIFICATES OF RECOGNITION

- Early Childhood Education, Assistant Teacher
- Early Childhood Education, Associate Teacher
- 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, ECE 321, ECE 334, ECE 350, and ECE 498) 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 Introduction to Early Childhood Education.....	3
ECE 312 Child Development or	
PSYC 372 Child Development	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Principles and Practices in ECE.....	4
ECE 321 Advanced Principles and Practices in ECE.....	4
ECE 331 Education and Care of Infants in Group Settings	3
ECE 410 Health and Safety in the Child Care Setting.....	1
ECE 420 Admin of Child Development Centers (3) or	
ECE 424 Adult Supervision: Mentoring in a Collaborative Learning	
Setting (2)	2-3
ECE 430 Culture and Diversity in ECE.....	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/NUTRI 320 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/NUTRI 320, 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.

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.

Upon completion of this program, the student will be able to:

- examine and apply the science of child development to articulate children's characteristics and needs within cultural and familial contexts.
- appraise and implement inclusive, culturally and linguistically appropriate learning environments, based on the science of child development, child observations, parental information and knowledge of culturally diverse child rearing practices.
- incorporate strategies for building respectful, reciprocal family and community relationships in order to support and empower families and to involve them in their children's development and learning.
- utilize assessment strategies based on observation, documentation, and interpretation of children's learning and analyze results in partnership with children's families in order to guide decisions about curriculum and teaching strategies.
- evaluate and implement developmentally and culturally appropriate approaches to teaching and learning that include respectful, supportive relationships with children and families, and curriculum that incorporates knowledge of academic content.
- demonstrate continual professional learning and public policy advocacy aligned with the standards and ethics that support children, families and the profession of early childhood education.
- develop personal sensitivity and awareness of the cultural and linguistic diversity of children, families, staff and the community.

DEGREE**A.A.— Early Childhood Education, Site Supervisor**

REQUIRED PROGRAM	Units
ECE 300 Introduction to Early Childhood Education	3
ECE 312 Child Development or PSYC 372 Child Development	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Principles and Practices in ECE	4
ECE 321 Advanced Principles and Practices in ECE	4
ECE 330 Infant Development (3) or ECE 400 The Exceptional Child (3) or ECE 404 Children with Special Needs (3) or	3
ECE 410 Health and Safety in the Child Care Setting	1
ECE 420 Administration of Child Development Centers	3
ECE 422 Adv. Coord. & Supervision of Child Dev. Programs	3
ECE 424 Adult Supervision: Mentoring in a Collaborative Learning Setting	2
ECE 430 Culture and Diversity in ECE	3
TOTAL UNITS REQUIRED	32

Suggested Electives:

ECE 402, 356, 496, 498; ECE 415/NUTRI 320; FCS 322; MUIVI 340, 341, 370, MUSM 370; NUTRI 300; SPAN 401, 101; ECE 364; ART 430; ENGLT 370

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. 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.

Upon completion of this program, the student will be able to:

- demonstrate knowledge and understanding of how children grow, develop and learn across the physical, psychosocial, cognitive, language and aesthetic domains by creating and maintaining healthy, respectful, supportive and challenging learning environments.
- demonstrate knowledge and understanding of building family and community relationships by identifying family and community characteristics; the practice of supporting and empowering families and communities through respectful and reciprocal relationships; and skillfully involving families and communities in children's development and learning.
- demonstrate the ability to synthesize and apply multiple methods of documentation by designing, developing and implementing ethical practices and procedures that provide evidence of developmental measures and outcomes.
- demonstrate competence in effective teaching practices by designing and implementing developmentally and culturally appropriate curriculum, environments, and guidance techniques.
- demonstrate professionalism in the field of Early Childhood Education by actively working as a voice for children's rights; researching and provisioning resources on behalf of children, families and communities; practicing ethical standards with children, families and communities; practicing professional work ethics; and participating in professional growth activities.
- demonstrate knowledge and application of developmentally appropriate health and safety policies and practices by designing, developing and operating programs for children that adhere to Title 22 regulations mandated by the California Department of Human Services, Community Care Licensing Division, in order to ensure children's health and safety.
- demonstrate cultural competency by designing, developing and operating programs according to policies that are developmentally and culturally appropriate; promote respectfully inclusive attitudes and environments; and value multiple perspectives.
- demonstrate effective program and leadership development by designing and developing high-quality early childhood programs based on the National Association for the Education of Young Children's ethical code of conduct, guidelines for developmentally appropriate practice, and accreditation standards; Harms, Clifford, and Cryer's environmental rating scales; Title 22 regulations mandated by the California Department of Human Services, Community Care Licensing Division to ensure children's health and safety; and Title 5 legal and regulatory requirements contained in the California Education Code, California Code of Regulations for child development contractors, families, and community members regarding child development programs funded by the state.
- demonstrate management skills by practicing effective strategies in adult supervision and management; human resources and development; and business and fiscal management.

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 OF RECOGNITION**Early Childhood Education, Assistant Teacher**

REQUIRED PROGRAM	Units
ECE 300 Intro to Early Childhood Education (3) or ECE 314 The Child, The Family, and The Community	3
ECE 312 Child Development or PSYC 372 Child Development	3
TOTAL UNITS REQUIRED	6

Students must take ECE 312 or PSYC 372 AND ECE 300 or ECE 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.

Upon completion of this program, the student will be able to:

- demonstrate knowledge of various theories of development and current research that are responsive to the needs of the total child.
- demonstrate knowledge of the significance and influence of play behavior on the child's growth and development.
- support the teaching team in the planning and implementation of developmentally and culturally appropriate indoor and outdoor environments for young children.
- apply developmentally appropriate principles in the planning of learning activities for young children.
- distinguish and describe common early childhood education program types.
- compare and contrast common curriculum approaches to teaching young children.
- identify components of quality in early childhood education programs.
- demonstrate a basic understanding of family dynamics and differences in child rearing styles.
- understand the process of the socialization of the child.
- examine and apply the changing roles of family members in a changing society.
- recognize the importance of family adjustments and relationships within the community to the child.
- appreciate the roles and functions and services offered to the child and family by community resource organizations.
- analyze, appreciate and understand the needs of the child as he develops within the social, geographical, economic and other facets of the community at large.
- examine, recognize and synthesize the importance of race, culture and ethnicity to the developing child.
- examine the basic intent of the laws and regulations pertaining to and protecting all children and their families.

CERTIFICATE OF RECOGNITION

Early Childhood Education, Associate Teacher

REQUIRED PROGRAM	Units
ECE 300 Introduction to Early Childhood Education	3
ECE 312 Child Development or	
PSYC 372 Child Development	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Principles and Practices in ECE	4
ECE 410 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)	
TOTAL UNITS REQUIRED	14

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.

Upon completion of this program, the student will be able to:

- plan and implement developmentally and culturally appropriate indoor and outdoor environments for young children that support play, exploration, problem solving and learning.
- design, implement, and evaluate developmentally and culturally appropriate learning activities for young children.
- create an intellectually engaging, responsive environment to promote each child's learning and development.
- make plans to enable children to attain key curriculum goals across various disciplines, such as language arts, mathematics, social studies, science, art, music, physical education, and health.
- support children's collaboration with interesting, important enterprises.
- develop, refine and use a wide repertoire of teaching strategies to enhance children's learning and development.
- support the development of responsibility and self-regulation in children.
- distinguish and apply positive guidance and problem solving strategies that teach children self-discipline and appropriate social skills within a diverse group of peers.

CERTIFICATE OF RECOGNITION

Early Childhood Education, Family Child Care

REQUIRED PROGRAM	Units
ECE 300 Introduction to Early Childhood Education	3
ECE 304 Introduction to Family Day Care	1
ECE 312 Child Development or	
PSYC 372 Child Development	3
ECE 314 The Child, the Family and the Community	3
ECE 410 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 Work Experience in ECE	4
Students must successfully complete documented work experience in a licensed Family Child Care Home	
TOTAL UNITS REQUIRED	15

Upon completion of this program, the student will be able to:

- evaluate components of a quality family childcare program.
- describe and implement developmentally appropriate activities for infant through school age children.
- apply health and safety practices for infant through school age children.
- construct home-style practices for infant through school age children.
- demonstrate respectful interactions with children and their families.
- create a parent contract for family childcare.
- diagnose needs of families and refer to community resources

CERTIFICATE OF ACHIEVEMENT

Early Childhood Education, Infant Specialist

(formerly ECE, Infant Care)

REQUIRED PROGRAM	Units
ECE 300 Introduction to Early Childhood Education	3
ECE 312 Child Development or	
PSYC 372 Child Development	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Principles and Practices in ECE	4
ECE 330 Infant Development	3
ECE 331 Education and Care of Infants in Group Settings	3
ECE 334 Laboratory with Infants and Toddlers	1
ECE 402 Infants with Atypical Development	3
ECE 410 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)	
TOTAL UNITS REQUIRED	24

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.

Upon completion of this program, the student will be able to:

- evaluate and apply knowledge of infant development and the multiple influences on early development and learning to create infant and family programs that are healthy, respectful, supportive, and challenging for children from the prenatal period through the first three years after birth.
- design infant and toddler programs that build respectful, reciprocal family relationships that support optimal infant and toddler development and learning both at home and in group care settings.
- incorporate systematic assessment strategies using observation, documentation, and interpretation in order to guide decisions about support for infant and toddler development and curriculum.
- design, implement, and evaluate developmentally effective curriculum and teaching plans that tie knowledge of academic content to meaningful and challenging learning environments for infants and toddlers in a collaborative effort with colleagues.
- develop continuing professional growth plan and advocate public policy that supports infants, toddlers, their families and the profession of early childhood education.

CERTIFICATE OF ACHIEVEMENT

Early Childhood Education, School Age Specialist

REQUIRED PROGRAM	Units
ECE 300 Introduction to Early Childhood Education	3
ECE 312 Child Development or	
PSYC 372 Child Development	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Principles and Practices in ECE	4
ECE 321 Advanced Principles and Practices in ECE	4
ECE 356 Programs for the School-Age Child	3
ECE 410 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
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
TOTAL UNITS REQUIRED	26-27

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.

Upon completion of this program, the student will be able to:

- design before- and after-school classroom communities that build healthy, respectful, and reciprocal relationships that support and empower families, with the intention to involve all families in their school age children's development and learning.
- utilize systematic observations, documentation, and other effective assessment strategies in a responsible way in order to guide decisions about curriculum and teaching strategies as well as to support school age children's development and learning.
- examine, understand, and use positive relationships and supportive interactions as the foundation for work with school age children.
- examine, understand, and use a wide array of effective approaches, strategies, and tools to support school age children's development and learning.
- understand the importance of each content area in school age children's learning and know the essential concepts, inquiry tools, and structure of content areas including academic subjects and identify resources to deepen understanding.
- design, implement and evaluate meaningful, challenging curriculum that promotes comprehensive developmental and learning outcomes for school age children.
- examine and use ethical guidelines and other professional standards related of early childhood practice.
- develop continuing professional growth plan and advocate for public policy that supports children, families and the profession of early childhood education.

CERTIFICATE OF ACHIEVEMENT

Early Childhood Education, Master Teacher

REQUIRED PROGRAM	Units
Core Courses	
ECE 300 Introduction to Early Childhood Education.....	3
ECE 312 Child Development or	
PSYC 372 Child Development.....	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Principles and Practices in ECE.....	4
ECE 321 Advanced Principles and Practices in ECE.....	4
ECE 330 Infant Development (3) or	
ECE 356 Programs for the School-Age Child (3) or	
ECE 400 The Exceptional Child (3) or	
ECE 404 Children with Special Needs (3)	3
ECE 410 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 Adult Supervision: Mentoring in a Collaborative Learning	
Setting.....	2
ECE 430 Culture and Diversity in ECE.....	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 Infant Development (3)	
ECE 331 Education and Care of Infants (3)	
ECE 334 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 320 Design Fundamentals (3)	
ART 430 Art and Children (3)	
ARTH 300 Introduction to Art (3)	
Music with Children	6 units
MUSM 370 Music for Children (3)	
And one of the following:	
MUFHL 330 World Music (3)	
MUIVI 370 Beginning Guitar (2)	

Children's Health, Safety and Nutrition.....6 units
 A minimum of six (6) units from the following:
 ECE 415/NUTRI 320 Children's Health, Safety & Nutrition (3)
 and NUTRI 300 Nutrition (3)

Bilingual/Bicultural Development.....6 units
 A minimum of three (3) units from the following:
 ANTH 310 Cultural Anthropology
 BUS 330 Managing Diversity in the Workplace
 COMM 325 Intercultural Communication
 SOC 321 Race, Ethnicity and Inequality in the U.S. (3)
 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 The Child with Exceptional Needs (3) or
 ECE 404 Children with Special Needs (3)
 AND
 ECE 498 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.

Upon completion of this program, the student will be able to:

- identify and apply an understanding of licensing and child care regulations.
- incorporate professional issues and utilize professional codes of ethics in educational practice.
- develop an ability to advocate on behalf of children and families.
- evaluate an environment that meets the needs of children, families and staff.
- supervise both staff and classrooms and directly interact with children and families in a warm and positive manner.
- choose and provide inclusive, developmentally and culturally appropriate practices and activities.
- integrate methods of conflict management and problem solving strategies with children.
- integrate health, safety, and nutrition practices in an early care and education program

CERTIFICATE OF ACHIEVEMENT

Early Childhood Education, Site Supervisor

REQUIRED PROGRAM	Units
ECE 300 Introduction to Early Childhood Education	3
ECE 312 Child Development or	
PSYC 372 Child Development.....	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Principles and Practices in ECE	4
ECE 321 Advanced Principles and Practices in ECE	4
ECE 331 Education and Care of Infants in Group Settings	3
ECE 410 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 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	2
ECE 430 Culture and Diversity in Early Childhood Education	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

Upon completion of this program, the student will be able to:

- incorporate a personal philosophy of working with children, families and staff in an early learning environment.
- appraise and implement quality care for young children in early learning environments.
- describe and understand the role, job dimension, and responsibilities of the early childhood site supervisor and program director.
- reference and implement licensing requirements for privately funded child development programs.
- apply basic principles of child and program development, adult supervision and management, family and community partnerships, human resources and development, and business/fiscal management.
- manage respectful interactions between supervisors, teachers, children and parents.
- interpret and apply a professional code of ethics.
- create appropriate professional growth and advocacy activities for center teachers

CERTIFICATE OF ACHIEVEMENT
Early Childhood Education Teacher

REQUIRED PROGRAM	Units
Core Courses	
ECE 300 Introduction to Early Childhood Education.....	3
ECE 312 Child Development or	
PSYC 372 Child Development	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Principles and Practices in ECE.....	4
ECE 321 Advanced Principles and Practices in ECE.....	4
ECE 331 Education and Care of Infants in Group Settings	3
ECE 410 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 Culture and Diversity in ECE.....	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.

Upon completion of this program, the student will be able to:

- design early childhood classroom communities that build healthy, respectful, and reciprocal relationships that support and empower families, with the intention to involve all families in their children's development and learning.
- analyze, synthesize, and evaluate systematic observations, documentation, and other effective assessment strategies in a responsible way in order to guide decisions about curriculum and teaching strategies as well as to support children's development and learning.
- analyze, synthesize, and evaluate positive relationships and supportive interactions as the foundation for work with young children.
- analyze, synthesize, and evaluate a wide array of effective approaches, strategies, and tools to support young children's development and learning.
- analyze, synthesize and evaluate the importance of each content area in young children's learning and know the essential concepts, inquiry tools, and

structure of content areas including academic subjects and identify resources to deepen understanding.

- design, implement and evaluate meaningful, challenging curriculum that promotes comprehensive developmental and learning outcomes for all young children.
- analyze, synthesize, and evaluate ethical guidelines and other professional standards related of early childhood practice.
- develop continuing professional growth plan and advocate for public policy that supports children, families and the profession of early childhood education

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 is an introduction to 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. Opportunities to observe in a variety of early childhood education settings and techniques for observing and interpreting children's pursuits will be included.

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 312 CHILD DEVELOPMENT 3 UNITS

Same as: PSYC 372
Prerequisite: None.
Advisory: ENGW 101 or 103; ESLL 310, ESLR 320, and ESLW 320.
Course Transferable to UC/CSU
Hours: 54 hours LEC
This course will examine the physical, cognitive, social and emotional development of the child from the prenatal period through adolescence. Scientific findings from a range of disciplines will inform an integrated examination of theory and practice during the childhood years. This course is designed to fulfill General Education, Early Childhood Education and Psychology degree requirements. This course is not open to those who have previously taken PSYC 372 or FCS 312.

ECE 314 THE CHILD, THE FAMILY AND THE COMMUNITY 3 UNITS

Prerequisite: None.
Advisory: ENGW 101 or 103; or ESLL 320, ESLR 320, ESLW 320.
Course Transferable to UC/CSU
Hours: 54 hours LEC
This is a fundamental course that examines the developmental processes of the child within the family and the environmental influences on growth and development; including gender, peers, schooling, the media, socioeconomic status, race, ethnicity, language, and developmental differences. Community resources available to support family systems and dynamics will be examined.

ECE 320 PRINCIPLES AND PRACTICES IN EARLY CHILDHOOD EDUCATION 4 UNITS

Prerequisite: ECE 300 and ECE 312 or PSYC 372 with a grade of "C" or better.

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: ECE 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. with a grade of "C" or better

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 343 LANGUAGE AND LITERACY DEVELOPMENT IN EARLY CHILDHOOD 3 UNITS

Prerequisite: None

Advisory: Eligibility for ENGWR 100 or ENGRD 310.

Course Transferable to CSU

Hours: 54 hours LEC

This course will prepare early childhood educators to recognize, understand and enhance the emergent language and literacy experiences and skills of young children. The knowledge of developmentally appropriate language and literacy practices will improve early childhood educators' abilities to support young children in the early years (birth to five years) to build a strong foundation for learning to read and write in the primary grades.

ECE 350 INTRODUCTION TO ELEMENTARY TEACHING WITH FIELD EXPERIENCE 3 UNITS

Prerequisite: None.

Advisory: ECE 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 complete a service learning project at participating schools. Before beginning field placement, students must show proof of TB clearance. Fingerprint clearance may be required by elementary school.

ECE 356 PROGRAMS FOR THE SCHOOL-AGE CHILD 3 UNITS

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course covers the fundamentals of planning, implementing and evaluating programs for before- and after- school care of school-age children (K-8). Emphasis is on developmental levels, age-appropriate activities and day-to-day program operations.

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 363 MUSIC AND MOVEMENT WITH YOUNG CHILDREN 3 UNITS

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course introduces students to theoretical principles and practical applications for integrating appropriate music and movement experiences in early childhood settings. The course explores incorporating culturally diverse music and movement activities to support children's understanding and acceptance of differences.

ECE 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: ECE 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 404 CHILDREN WITH SPECIAL NEEDS 3 UNITS

Prerequisite: ECE 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

Same as: NUTRI 320

Prerequisite: None.

Advisory: NUTRI 300

Course Transferable to CSU

Hours: 54 hours LEC

This course examines basic nutrition, health, and safety needs of children from the prenatal period through school age. Students will identify the nutrients in foods as they affect a child's physical and mental development. Course emphasis is placed on maintaining the optimal health, safety, and nutritional status of children at home and in group care. Projects relating to children's nutrition, health, and safety are required as part of the course. This course is the same as NUTRI 320, and only one may be taken for credit.

ECE 420 ADMINISTRATION OF CHILD DEVELOPMENT CENTERS 3 UNITS

Prerequisite: ECE 300 and ECE 312 or PSYC 372 with a grade of "C" or better.

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: ECE 320, ECE 420, and ECE 312 with grades of "C" or better

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 is 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 teachers in early childhood education. Emphasis is placed on the role of a mentor who functions to guide the teaching team while simultaneously addressing the needs of children, families, and 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 455 ENVIRONMENT RATING SCALES IN EARLY CHILDHOOD PROGRAMS 1 UNIT

Prerequisite: None.

Course Transferable to CSU

Hours: 18 hours LEC

This course examines Environment Rating Scales (Infant/Toddler, Early Childhood, School Age Programs and Family Child Care) as a tool for quality improvement in a variety of child development programs. Emphasis is given to theory and best practices in order to evaluate classrooms, materials, and interactions between adults and children.

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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.
Advisory: MATH 120
Course Transferable to UC/CSU
Hours: 54 hours LEC

This course is a graphical and functional analysis of the economy as a whole. It focuses on the economy's well-being, problems, and possible solutions. Major topics include: market demand and supply; macroeconomic sectors, goals, and problems (unemployment, inflation, business cycles, and deficits); the economy's output and price level; aggregate demand, aggregate supply, and equilibrium; and macroeconomic policies (fiscal and monetary) aimed at solving problems and stabilizing the economy. Related topics such as international trade, international finance, and economic growth are also discussed. Course work includes solving algebraic equations and graphing straight and curvilinear lines as taught in Intermediate Algebra.

ECON 304 PRINCIPLES OF MICROECONOMICS 3 UNITS

Prerequisite: None.
Advisory: MATH 120
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. This course is the same as BUS 320, and only one may be taken for credit. See "Cross-Listed Courses" in the catalog.

Education/Teaching

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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, ENGWR 302, and MATH 310.

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
ART 430 Art and Children	3
BIOL 307 Biology of Organisms.....	4
COMM 361 The Communication Experience	3
ECE 312/PSYC 372 Child Development (3) or	
FCS 324/PSYC 370 Human Development: A Life Span	3
ECE 350 Intro to Elem Teaching with Field Exper.....	3
ECON 302 Principles of Macroeconomics	3
ENGED 305 Structure of English	3
ENGED 320 Tutoring Elem Children in Reading.....	3
ENGWR 300 College Composition.....	3
ENGWR 302 Adv Composition & Critical Thinking	3
GEOL 305 Earth Science.....	3
GEOL 306 Earth Science Laboratory	1
HIST 307 History of World Civ from 1500.....	3
HIST 308 History of World Civ 1500 to present	3
HIST 312 History of U.S. to 1865.....	3
MATH 310 Mathematical Discovery.....	3
POLS 301 Intro to Govt: United States.....	3
SOC 321 Race, Ethnicity & Inequality in the U.S. or	
COMM 325 Intercultural Communication (3).....	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.

Upon completion of this program, the student will be able to:

- Apply knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- Seek employment as an instructional or classroom aide in an elementary school.
- Develop a reasoned solution to a problem and defend it using appropriate language, methods, and/or notation.
- Evaluate new and accepted ideas about the natural universe using testable methodology.
- Write and speak effectively, demonstrating the ability to evaluate audience and appeal to it persuasively.
- Conduct library research and compose research papers with a clear thesis, sound critical thinking, correct usage, and proper documentation.
- Apply knowledge of world history and cultures to identify the values of a culture and work with others of a diverse background.
- Analyze the Constitution of the United States and other founding documents.
- Describe the nature of government and compare and contrast political institutions.
- Apply basic economic concepts.
- Apply knowledge of child development theories to assess the characteristics of teaching practices and learning conditions.

Emergency Medical Technology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

Emergency Medical Technology (EMT)

EMT 100 EMERGENCY MEDICAL TECHNICIAN - BASIC 5 UNITS

Prerequisite: 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.

Hours: 72 hours LEC ; 72 hours LAB

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.

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

Engineering

**ACADEMIC
COUNSELING**

 Folsom campus - 916-608-6500
 El Dorado Center - 530-642-5645
 Rancho Cordova Center - 916-255-0717

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; Biomedical Engineer; Chemical Engineer; Civil Engineer; Computer Engineer; Electrical Engineer; Environmental Engineer; Mechanical Engineer

Most career options require a B.S. degree.

Highlights

- Challenging and rewarding classes that transfer to 4-year universities

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.

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

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)

English

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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:	
ENGLT 310 English Literature	3
ENGLT 311 English Literature	3
ENGLT 320 American Literature	3
ENGLT 321 American Literature	3
ENGWR 300 College Composition	3
ENGWR 301 College Composition & Literature or	
ENGWR 302 Adv Comp & Critical Thinking	3
Electives - Six (6) units selected from the following:.....	6
ENGCW 400 Creative Writing (3)	
ENGCW 410 Fiction Writing Workshop (3)	
ENGCW 420 Poetry Writing Workshop (3)	
ENGCW 430 Creative Non-Fiction Writing Workshop (3)	
ENGCW 452 College Literary Magazine (4)	
ENGED 305 Structure of English (3)	
ENGED 320 Tutor Elem Students in Reading (3)	
ENGLT 303 Introduction to the Short Story (3)	
ENGLT 345 Mythologies of the World (3)	
ENGLT 360 Women in Literature (3)	
ENGLT 370 Children and Literature (3)	
ENGLT 402 Intro to Shakespeare and Film (3)	
TOTAL UNITS REQUIRED	24

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.

Upon completion of this program, the student will be able to:

- Recognize the fundamental elements of poetry, drama, and prose and apply appropriate criteria to evaluate works of literature.
- Identify major literary developments and authors in British and American literature and analyze their historical and cultural significance.
- Evaluate and respond critically to the arguments and rhetoric of others.
- Compose academic essays which support an insightful thesis with appropriate evidence, analysis, and concern for audience.
- Analyze, evaluate, and integrate print and electronic sources in their essays, applying current MLA standards of documentation.

English - Creative Writing (ENGCW)

ENGCW 400 CREATIVE WRITING 3 UNITS

Prerequisite: None

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 twice for credit or once in combination with English 15A and/or English 15B.

ENGCW 410 FICTION WRITING WORKSHOP 3 UNITS

Prerequisite: Eligibility for ENGCW 300.

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 ENGCW 300.

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 ENGCW 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 ENGCW 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 with a grade of "C" or better

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: ENGWR 101 with a grade of "C" or better; or placement through the assessment process.

Enrollment Limitation: Not open to students who have received credit for HCD 354.

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 twice 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.

ENGLB 71 READING AND WRITING ACROSS THE CURRICULUM .25-1 UNITS

Prerequisite: None

Hours: 13.5 - 54 hours LAB

Students receive individualized assistance with their reading and writing assignments across the disciplines. Students may enter the course at any time during the first 10 weeks of the semester and earn either 0.25, 0.5 or 1 unit. Students may repeat the course up to four times for credit. This course is graded on a credit/no credit basis.

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

This course introduces students to the short story genre, and involves a close study of this genre's role in literary history. Students will read, analyze, and discuss short stories by predominantly American and British authors, but include authors from other countries who have been significant to this genre. Thematic emphasis will focus on the connections between literature, culture, and human experience.

ENGLT 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: ENGWR 101 with a grade of "C" or better; or placement into ENGWR 300 via the assessment process.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course involves a close study of significant works of major British authors from the Beowulf poet through Samuel Johnson, with consideration of the important aspects of British literary history. In this course, students will read and analyze numerous literary works relevant to literature as a whole and to British culture in particular, making connections between various literary periods.

ENGLT 311 ENGLISH LITERATURE 3 UNITS

Prerequisite: ENGWR 101 with a grade of "C" or better; or placement into ENGWR 300 via the assessment process.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course surveys significant works of British authors from the beginning of Romanticism in the Eighteenth Century to the Moderns and Post-Moderns of the Twentieth Century, with consideration of the important aspects of English literary history. In this course, students will read and analyze numerous literary works relevant to literature as a whole and to British culture in particular, making connections between various literary periods.

ENGLT 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 with a grade of "C" or better; or placement through the assessment process.

Course Transferable to UC/CSU

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: ENGWR 101 with a grade of "C" or better; or placement into ENGWR 300 via the assessment process

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course involves a survey of significant masterpieces of Classical, Medieval, and Renaissance literature from the Hebrew Bible to John Milton's Paradise Lost. Students will analyze numerous works of literature, comparing ideas across time, place, and culture and making connections between different literary works and between different literary periods.

ENGLT 341 WORLD LITERATURE 3 UNITS

Prerequisite: ENGWR 101 with a grade of "C" or better; or placement into ENGWR 300 via the assessment process.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course involves a survey of significant masterpieces of modern literature from the middle of the seventeenth century to the present. Students will analyze numerous works of literature, comparing ideas across time, place, and culture and making connections between different literary works and between different literary periods.

ENGLT 345 MYTHOLOGIES OF THE WORLD 3 UNITS

Prerequisite: Eligibility for ENGWR 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 ENGWR 300.

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: ENGWR 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 ENGWR 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

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 in Cypress Hall room FL2-239 at the Folsom campus (FLC) and the English Center in room C-213 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

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 ENGWR 45, ENGWR 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.

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 110 COMPREHENSION STRATEGIES AND VOCABULARY DEVELOPMENT FOR COLLEGE 3 UNITS

Prerequisite: ENGRD 13 with a grade of "C" or better; or placement through the assessment process.

Advisory: ENGLB 71

Hours: 54 hours LEC

This course is designed to help students prepare for college level reading. Areas of concentration include vocabulary development, literal and inferential comprehension skills, textbook reading techniques, study skills, and reading for pleasure. Students will become more efficient readers by learning to vary reading rate depending upon their purposes for reading. Enrollment in ENGLB 71 or ENGRD 13 is recommended for additional individualized help.

ENGRD 299 EXPERIMENTAL OFFERING IN ENGLISH - READING .5-4 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

ENGRD 310 PROSE ANALYSIS AND INTERPRETATION 3 UNITS

Prerequisite: ENGRD 110 or ESLR 320 with a grade of "C" or better; or placement through the assessment process.

Advisory: ENGLB 71 or ENGRD 13

Course Transferable to CSU

Hours: 54 hours LEC

This course covers the theory and practice of critical and speed reading skills and strategies required for proficient and effective reading of college level reading materials. The class focuses on the following skills: critical and analytical evaluation of college level essays, vocabulary development, proficient comprehension skills, development of flexible reading rate and speed, and the application of these skills in reading textbooks, fiction, and non-fiction materials. One or more hours per week may be required in the Reading/Writing Center or English Center.

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 51, 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 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 with a grade of "C" or better; or placement through the assessment process.

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 with a grade of "C" or better

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course offers study and practice in critical reading of and analytical writing about literature. Students read fiction, poetry, drama, nonfiction, and criticism from diverse cultural sources and perspectives. With a minimum of six critical essays totaling 8000 words, and the use of relevant external sources, students analyze, criticize, advocate ideas, reason inductively and deductively, and reach evaluative conclusions based on evidence and sound inferences derived from their close readings of literary texts.

ENGWR 302 ADVANCED COMPOSITION AND CRITICAL THINKING**3 UNITS**

Prerequisite: ENGWR 300 with a grade of "C" or better

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 by 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

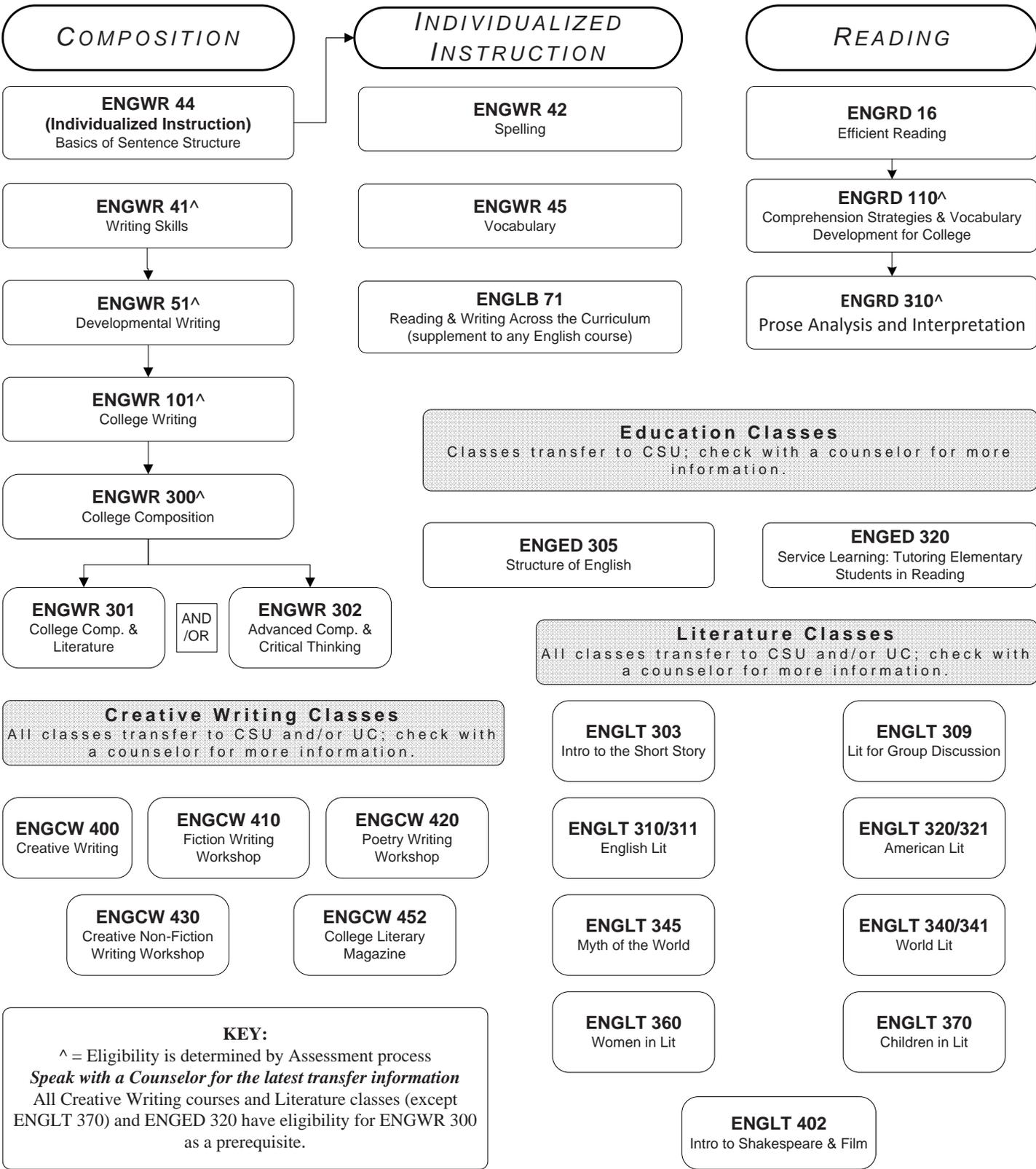
ENGWR 499 EXPERIMENTAL OFFERING IN ENGLISH - WRITING**.5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Folsom Lake College English Sequence



English as a Second Language

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

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

ESL - Grammar (ESLG)

ESLG 50 INTERMEDIATE-MID GRAMMAR 4 UNITS

Prerequisite: ESLW 40 with a grade of "C" or better; or placement through the assessment process.

Advisory: ESLR 50 and ESLW 50; or placement through the assessment process.

Hours: 72 hours LEC

This course concentrates on the fundamental grammatical structures of English. Students will develop skill and accuracy in using grammatical structures in appropriate contexts. There will be opportunity for oral and written practice with an emphasis on sentence structure and verb tenses.

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

ESLG 310 INTERMEDIATE-HIGH GRAMMAR 4 UNITS

Prerequisite: Eligibility is determined by the assessment process, or completion of ESLG 57 with a grade of "C" or better. Advisory: ESLW 310, and ESLR 310, or other ESL courses at the appropriate level.

Advisory: ESLW 310, and ESLR 310, or other ESL courses at the appropriate level.

Course Transferable to CSU

Hours: 72 hours LEC

This course focuses on further practice of the forms, meanings, and usage of grammatical structures of English at the intermediate-high level. Verbal practice in class reinforces the structures studied.

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.

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.

Corequisite: ESL 90.

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: ESLR 40 (Intermediate-Low Reading) and ESLW 40 (Intermediate-Low Writing).

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.

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 ESL 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.

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.

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.

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: ESLR 40 (Intermediate-Low Reading) with a grade of "C" or better; or placement through the assessment process.

Corequisite: ESL 90 (Language Skills Laboratory). ESLG 57 (Intermediate-Mid English Grammar), ESLL 50 (Intermediate-Mid Listening and Speaking), and ESLW 50 (Intermediate-Mid Writing).

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 320 ADVANCED-LOW READING 4 UNITS

Prerequisite: Completion of ESLR 310 with a grade of "C" or better, or placement through the assessment process.

Advisory: ESLG 320 and ESLW 320, or other ESL courses at the appropriate level.

Course Transferable to CSU

Hours: 72 hours LEC

This course focuses on refining academic reading skills with an emphasis on speed, vocabulary development, and analytical comprehension. Students will practice research and synthesizing skills and do extensive writing based on critical analysis of readings.

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.

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.

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.

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.

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

Environmental Technology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

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 351 MATH FOR WATER AND WASTEWATER OPERATORS 3 UNITS

Prerequisite: None.

Advisory: CHEM 305 and MATH 120

Course transferable to CSU

Hours: 54 hours lecture

Description: This course provides an introduction to wastewater and water mathematic functions. Topics covered include general math, including significant figures and proper rounding, applicable algebraic and geometry equations, unit analysis, volumes, flows, pressures, conversions, solution strengths, and applicable laboratory and chemistry equations used in water and wastewater treatment operations. Field trips may be required.

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 353 SCIENCE FOR WATER AND WASTEWATER OPERATORS 4 UNITS

Prerequisite: None.

Advisory: ENVT 351

Hours: 54 hours lecture, 54 hours laboratory

Description: This course will cover three topic areas, Biology, Chemistry, and Physics as they apply to operation, maintenance, and management of water and wastewater facilities. The course is intended to provide the student with a fundamental understanding of the sciences underlying studies of water and wastewater conveyance and treatment. Field trips may be required.

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. This course is the same as BIOL 350, and only one may be taken for credit. See "Cross-Listed Courses" in the catalog.

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 Environment 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 groundwater. Water laws and regulations are also discussed. The class is useful for students interested in

ENVT 354 WASTE WATER MANAGEMENT: BASIC INSTRUMENTATION AND ELECTRICAL CONTROLS 4 UNITS

Prerequisite: None.

Hours: 54 hours lecture, 54 hours laboratory

Description: This course is an introduction to power and control circuits and devices used with water and wastewater distribution and treatment systems. Units of instruction include a study of electron theory, magnetism, induction, alternating current, direct current, resistance and capacitance. Practice using electrical meters and test instruments in laboratory classes along with related safety practices will also be covered. Field trips may be required.

ENVT 355 INTRODUCTION TO WATER, WASTEWATER AND RECYCLED WATER MANAGEMENT 3 UNITS

Prerequisite: None.

Hours: 54 hours lecture

Description: This course provides an introduction to water, wastewater and recycled water management. Topics covered include history of water supply and treatment, wastewater collection and treatment, and recycling water in the world and in the United States; and an overview of the State and federal regulations governing water supply, wastewater treatment and recycled water use, including permitting requirements and operator certification program. This course provides an introduction to managing water and wastewater systems. Field trips may be required.

ENVT 356 WASTEWATER OPERATIONS AND MAINTENANCE I 3 UNITS

Prerequisite: None.

Advisory: ENVT 351

Hours: 54 hours lecture

Description: This course provides an introduction of wastewater operations and maintenance. Topics covered include responsibilities of the plant operator, water treatment and wastes, wastewater treatment facilities, preliminary treatment operations and maintenance including racks, screen, grit removal, sedimentation and flotation, trickling filters, rotating biological contractors, activated sludge, waste treatment ponds, disinfection and chlorination. This course provides the student with an entry level background into the field of operations and maintenance of wastewater. Field trips and/or a semester project may be required.

ENVT 357 WASTEWATER OPERATIONS AND MAINTENANCE II 3 UNITS

Prerequisite: ENVT 356 with a grade of "C" or better

Hours: 54 hours lecture

Description: This course provides an advanced level of understanding of wastewater operations and maintenance. Topics covered include activated sludge, sludge digestion and solids handling, effluent disposal, plant safety and good housekeeping, maintenance, basic laboratory procedures, application of computers for plant operations and maintenance, analysis and presentation of data, records and report writing. Field trips may be required.

ENVT 358 WATER TREATMENT OPERATION AND MAINTENANCE I 3 UNITS

Prerequisite: None.

Advisory: ENVT 351 and 355

Hours: 54 hours lecture

Description: This course provides an entry level understanding of drinking water treatment. Topics covered include history of water treatment, responsibilities of the plant operator, reasons for treating water, source water management, water treatment facilities, treatment process and technologies, disinfection and plant maintenance. This course provides the background into the importance of treating water, its functionality, past and present technology and the future of drinking water. Field trips may be required.

ENVT 359 WATER TREATMENT OPERATION AND MAINTENANCE II 3 UNITS

Prerequisite: ENVT 358 with a grade of "C" or better

Hours: 54 hours lecture

Description: This course provides an advanced level understanding of drinking water treatment. Topics covered include drinking water regulations, laboratory procedures, iron and manganese control, fluoridation, water treatment plant design, advanced treatment process and technologies such as softening, membrane filtration and demineralization, instrumentation and control, advance plant maintenance and plant administration. This course provides the background into the importance of advanced water treatment, its functionality, past and present technology and the future of drinking water. Field trips and/or a semester project may be required. This course meets the initial education requirements for treatment operator certification exam. Field trips may be required.

ENVT 360 WATER DISTRIBUTION OPERATION AND MAINTENANCE 3 UNITS

Prerequisite: None.

Hours: 54 hours lecture

Description: This course provides an understanding of drinking water distribution systems operation and maintenance. Topics covered include: design criteria, storage, pumping, flow control, construction methods, disinfection, control of water quality in a water distribution system, federal and state drinking water regulations, maintenance and administration of a water distribution system. Field trips and/or a semester project may be required. This course meets the initial educational requirements for a distribution operator certification exam.

ENVT 361 WASTEWATER COLLECTION SYSTEMS OPERATION AND MAINTENANCE 3 UNITS

Prerequisite: None.

Hours: 54 hours lecture

Description: This course provides a basic level of understanding of proper installation, inspections, operations, maintenance and repair of wastewater collection systems. Topics covered include the wastewater collection operator, wastewater collection systems, safe procedures, inspecting and testing collections systems, pipeline cleaning and maintenance methods, and underground repairs. Field trips and/or a semester project may be required.

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

Family and Consumer Science

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

Family and Consumer Science (FCS)

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

Same as: PSYC 370

Prerequisite: None.

Advisory: ENGR 101 and 103

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 end of life. Emphasis will be on examination of theoretical advances and evidence-based principles applicable to biosocial, psychosocial and cognitive development throughout the life span. Scientific findings from a range of disciplines will inform an integrated examination of theory and practice with long-term implications in mind. This course is designed to fulfill General Education, Nursing and Psychology degree requirements. This course is not open to those who have previously completed PSYC 370.

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

Film and Media Studies (FMS)

FMS 300 INTRODUCTION TO FILM STUDIES 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course offers an introduction to the film medium with emphasis on aesthetics, theory, and methods of critical analysis.

FMS 495 INDEPENDENT STUDIES IN FILM AND MEDIA STUDIES 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: Variable

FMS 499 EXPERIMENTAL OFFERING IN FILM AND MEDIA STUDIES .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: Variable

Finance

ACADEMIC COUNSELING	Folsom campus - 916-608-6500
	El Dorado Center - 530-642-5645
	Rancho Cordova Center - 916-255-0717

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
- A lab with tutorial assistance

Finance is an area of increasing importance in the business world. This degree offers students the opportunity to learn business finance concepts necessary for survival in the business world. Students interested in this degree should consult with a counselor to determine which courses should be taken.

Upon completion of this program, the student will be able to:

- Describe to lay individuals the process corporations undergo to raise capital , invest capital in value creating activities, and return the value to suppliers of capital.
- Demonstrate information technology skills as they apply to today's business environment to solve business problems and to communicate those solutions.
- Identify and describe significant national and international financial institutions as well as their functions and interactions in world financial markets.
- Articulate important insights about relationships between financial concepts such as risk and return, and discount rates and valuation.
- Apply tools such as spreadsheets, mathematical or statistical modeling to analyses of problems and issues in finance.
- Demonstrate strong critical thinking and problem solving skills within an ethical framework
- Employ discipline knowledge and skills orally and in written form in a professional manner in service to the community.
- Recognize social justice issues inherent in financial decision-making.

DEGREE

A.A.—Finance

Please consult with a counselor on which courses should be taken.

REQUIRED PROGRAMUnits

Business Core:

ACCT 301	Financial Accounting	4
BUS 300	Introduction to Business	3
BUS 310	Business Communications	3
BUS 330	Managing Diversity in the Workplace	3
BUS 340	Business Law	3
BUSTEC 302	Computer-Keyboarding.....	2
CISC 310	Intro. to Computer Information Science (3) or	

Four (4) units from the following:

CISA 320, CISA 330, CISA 340, CISC 320	4	
ECON 302	Principles of Macroeconomics.....	3
MGMT 362	Techniques of Management or	
MKT 300	Principles of Marketing.....	3

Finance Option:

ACCT 125	Federal and State Taxation	4
BUS 320/ECON 320	Concepts of Personal Finance	3
BUS 498	Work Experience	3
MKT 310	Selling Professionally or	
MKT 330	Internet Marketing	3
RE 300	Principles of Real Estate	3

TOTAL UNITS REQUIRED43-44

Suggested Electives:

BUS 105, 170, 210, 212, 214, 216, 218, 220; ECON 304; HCD 130, 132, 310, 333, 340, 342, 344, 350, 362; MGMT 372.

Fire Technology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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)

Fire Technology (FT)

FT 110 FIRE APPARATUS 3 UNITS

Prerequisite: None.

Advisory: FT 300

Hours: 54 hours lecture

This course introduces students to many aspects of fire apparatus. Students are acquainted with apparatus design, specifications, and performance capabilities. Emphasis includes effective use of fire apparatus during fire emergencies.

FT 132 FIRE SERVICE RECORDS AND REPORTS 3 UNITS

Prerequisite: None.

Advisory: FT 300

Hours: 54 hours LEC

This course is for all members of the fire service in the use of typical records and report systems. The course expands knowledge and understanding of the fire department records systems, principles of report writing. It also covers applications in pre-fire survey, post-fire reporting, research, and planning.

FT 170 FIRE INVESTIGATION 3 UNITS

Prerequisite: None.

Advisory: FT 300

Hours: 54 hours lecture

This course introduces students to the implications of accidental, suspicious, and incendiary causes of fire and examines arson as a crime. Students will analyze the methods used in gathering evidence at a crime scene, the developments of court procedures, the techniques of interviewing witnesses and suspects, and detention procedures for adults and juveniles.

FT 180 RESCUE PRACTICES 3 UNITS

Prerequisite: None.

Advisory: FT 300 and HEED 314

Hours: 54 hours lecture

This course will introduce students to current rescue practices, procedures, and techniques used in the fire service. Course topics will include ladder rescue and escape, rapid intervention, operations, main search rope, and firefighter rescue and survival. Completion of the course will provide students with knowledge and skills needed for safe operation with the fire service.

FT 190 FIRE TACTICS AND STRATEGY 3 UNITS

Prerequisite: None.

Advisory: FT 300

Hours: 54 hours lecture

This course introduces the relationship between tactics and strategies on the fireground and emergency scene. Topics include principles of fire control through the utilization of manpower, equipment, and extinguishing agents on the fireground. The course will take an all-risk approach to multiple types of target hazards and approaches.

FT 192 WILDLAND FIRE CONTROL 3 UNITS

Prerequisite: None.

Advisory: FT 300

Hours: 54 hours lecture

This course covers fundamental components of wildland fire fighting. Firefighters requiring additional skills, experiences, and knowledge surrounding wildland fire will benefit. Also benefiting, are firefighters with primary and intermittent wildland responsibilities and those called into wildland fire situations and mutual aid response.

FT 300 FIRE PROTECTION ORGANIZATION 3 UNITS

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course provides an introduction to fire protection, career opportunities and related fire service fields. Topics include philosophy and history of fire protection, fire loss analysis, organization and function of public and private fire protection services, and fire departments as part of the local government. Additional topics include laws and regulations affecting the fire service, fire service nomenclature, specific fire protection functions, and basic fire chemistry and physics. This course is an introduction to fire strategy and tactics, and fire protection systems.

FT 301 FIRE PREVENTION TECHNOLOGY 3 UNITS

Prerequisite: None.

Corequisite: FT 300

Course Transferable to CSU

Hours: 54 hours LEC

This course provides fundamental information regarding the history, philosophy, and the goals of fire prevention. Topics include the organization and operation of a fire prevention bureau, use of fire and building codes, fire investigation, and identification and correction of fire hazards. Additional topics include exploring the process of building plan review, report and record keeping, and the duties and responsibilities of a fire prevention officer.

FT 302 FIRE PROTECTION EQUIPMENT AND SYSTEMS 3 UNITS

Prerequisite: None.

Corequisite: FT 300 (Fire Protection Organization)

Hours: 54 hours lecture

This course provides information relating to sprinkler design and the operation of fire detection and alarm systems. Topics include fire cause and effect, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection, standpipe systems, and portable fire extinguishers.

FT 303 BUILDING CONSTRUCTION FOR FIRE PROTECTION 3 UNITS

Prerequisite: None.

Corequisite: FT 300 (Fire Protection Organization)

Hours: 54 hours lecture

This course is the study of the components of building construction that relate to the fire service. Specific focus is on elements of construction and the design of structures that are shown to be key factors when inspecting buildings, pre-planning fire operations and emergency operations at fires. Topics include wood, steel, and concrete construction, principles of fire and smoke growth, and fire resistance construction.

FT 304 FIRE BEHAVIOR AND COMBUSTION 3 UNITS

Prerequisite: None.

Advisory: FT 300

Course Transferable to CSU

Hours: 54 hours LEC

This course provides the theories and fundamentals of how and why fires start, spread and are controlled. Topics include an in-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents, and fire control techniques.

FT 305 LEADERSHIP AND ETHICS FOR FIRE SERVICE PERSONNEL 3 UNITS

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to provide students with a detailed description of the characteristics of a successful fire service leader. The course will focus on how to develop leadership skills and how to implement them into the modern fire service. Students will learn how to use ethical decision making processes that are important to the emergency scene operations and the day to day fire service situations.

FT 310 FIRE SERVICE HYDRAULICS 3 UNITS

Prerequisite: None.

Advisory: FT 300 and MATH 30

Course Transferable to CSU (pending)

Hours: 54 hours lecture

Description: This course covers the theory of water hydraulics, hydraulic distribution systems, hydraulic practices, and extinguishing agents used with fire service hydraulics. Additional topics include: the properties of water in rest and motion, water velocity and discharge, distribution systems, fire service pumps, friction loss calculations, engine and nozzle pressures, and fire streams. Other topics will focus on standpipe systems, automatic sprinkler systems, and foam systems. This course is a part of the Fire Technology certificate.

FT 498 WORK EXPERIENCE IN FIRE TECHNOLOGY 1-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

French

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

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: None.

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 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 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

Geography

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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.

Geography (GEOG)

GEOG 300 PHYSICAL GEOGRAPHY: EXPLORING EARTH'S ENVIRONMENTAL SYSTEMS 3 UNITS

Prerequisite: None.

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: None.

Corequisite: GEOG 300

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.

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 330 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS 3 UNITS

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC

ADvisory: CISC 300 (Computer Familiarization).^{*} A Geographic Information System (GIS) is a computer-based data processing tool used to manage and analyze spatial information. Applications of GIS include environmental assessment, analysis of natural hazards, management of municipal networks, business and industry site analysis, resource management and land-use planning. This course introduces the concepts, techniques, and tools of GIS including spatial data capture, management and analysis, as well as cartographic output through hands-on experience using GIS software.

GEOG 332.1 INTRODUCTION TO DESKTOP GIS 1.5 UNITS

Prerequisite: None.

Course Transferable to CSU

Hours: 25 hours LEC ; 6 hours LAB

This course introduces students to Geographic Information Systems (GIS) which are systems of computers and people used to integrate spatial data in order to make a decision. Topics may include analysis of environmental, economic, political, social, health care, and transportation data. Using desktop GIS software (such as ArcView) students will learn GIS skills including identifying zones, measuring distances, calculating areas, integrating spatial data and displaying output. This course will also cover basic software functionality, database construction, and management. This course is the first of a two-part series. This course may be taken four times on a different software package or version.

GEOG 332.2 INTERMEDIATE DESKTOP GIS 1.5 UNITS

Prerequisite: GEOG 332 with a grade of "C" or better

Advisory: CISC 300

Course Transferable to CSU

Hours: 27 hours LEC ; 7 hours LAB

Geographic Information Systems (GIS) are computer-based mapping programs that analyze spatial data. This course builds on the conceptual and practical foundations covered in GEOG 332 by further exploring the capabilities and functionality of desktop GIS software. Emphasis will be placed on GIS software functionality, address geocoding, beginning spatial database construction, spatial data management, spatial analysis, and cartographic presentation. This course may be taken four times on a different software package or version.

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

Geology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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)
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 the study and interpretation of geologic maps and cross-sections.

GEOL 305 EARTH SCIENCE 3 UNITS

Prerequisite: None.
Corequisite: GEOL 306.
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. Not open to students who have received credit for GEOL 300 or GEOL 310.

GEOL 306 EARTH SCIENCE LABORATORY 1 UNIT

Prerequisite: None.
Corequisite: GEOL 305
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. Not open to students who have received credit for GEOL 300 or GEOL 301.

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).
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 General Chemistry	5
CHEM 401 General Chemistry	5
GEOL 300 Physical Geology	3
GEOL 301 Physical Geology Laboratory.....	1
GEOL 310 Historical Geology	3
GEOL 311 Historical Geology Laboratory.....	1
MATH 400 Analytic Geometry and Calculus I	5
MATH 401 Analytic Geometry and Calculus II	5
TOTAL UNITS REQUIRED	28

This 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.

Geology (GEOL)

GEOL 299 EXPERIMENTAL OFFERING IN GEOLOGY .5-4 UNITS

Prerequisite: None
Hours: 54 hours LEC ; 108 hours LAB

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, neuston, plankton, and benthic organisms. Field trips may be required.

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: None.

Course Transferable to UC/CSU

Hours: 40 hours LEC ; 100 hours LAB

This course involves the study of geologic principles and processes of specific regions (mountains, deserts, great valley, coastal region, etc.). Course content varies according to field trip destination but may include topics in physical geology, environmental geology, economic geology, and/or introduction to tools and techniques used for Geoscience field research (e.g. map and compass, Global Positioning System (GPS), Geographic Information Systems (GIS), etc.). For specific details, see the course topic description(s) listed in the schedule. Field excursions are required and students will be responsible for providing their own lodging (or camping equipment) and meals. This course may be repeated up to four times under a new topic or destination.

GEOL 495 INDEPENDENT STUDIES IN GEOLOGY 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

ACADEMIC COUNSELING

Folsom campus - 916-608-6500
 El Dorado Center - 530-642-5645
 Rancho Cordova Center - 916-255-0717

CERTIFICATE OF RECOGNITION

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 OF RECOGNITION

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 Design: Fundamentals.....	3
GCOM 330 Beginning Photoshop.....	3
GCOM 361 Creative Web Page Design.....	3
3 units from one of the following	
CISW 300 Web Publishing (3)	
GCOM 340 Beginning Adobe Illustrator (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: CISC 300 or 308 with a grade of "C" or better

Advisory: CISA 308.

Course Transferable to CSU

Hours: 45 hours LEC, 27 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, live tracing over a placed image, creating symmetrical drawings, working with layers and working with type. This course also provides professional tips and techniques in Illustrator. Students are exposed to a variety of different illustrations styles and learn about the current trends.

Health Education

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

The Health Education Program at Folsom Lake College has been developed with two goals in mind. The first is to identify the health education needs of local businesses, organizations, and individuals in the community. The second is to develop the innovative and informative courses that are necessary to meet the diverse Health Education needs of the community.

Health Science (HEED 300) fulfills a portion of the General Education graduation requirement for Living Skills and is transferable to all four-year colleges and universities. Students who successfully complete HEED 312, 313, or 314 will earn American Red Cross certificates in areas such as Standard First Aid, or adult, child, and infant CPR. HEED 350 was developed to give the student the tools needed to develop personal wellness programs that will help address any physical or psychological health concerns individuals may have.

The Health Education program at Folsom Lake College is a diverse and constantly evolving program, designed to keep pace with an equally diverse and growing community.

Health Education (HEED)

HEED 300 HEALTH SCIENCE 3 UNITS

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is designed to help students achieve a high level of health and prevent disease by assisting them to maximize both their personal lifestyles and their environments. This course will help students identify various factors influencing current and future levels of health. Additional information includes mental health, stress management, nutrition, weight control, fitness, sexuality, addictive substances, and disease.

HEED 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 (cardio-pulmonary resuscitation) for adults, children and infants. Instruction includes adult, child and infant CPR, choke rescues and recognizing symptoms of heart attacks. 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 does not substitute for ECE 412. 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 (cardio-pulmonary resuscitation). These instructional methods and techniques meet the requirements from the American Red Cross in Standard First Aid and CPR. 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 CSU

Hours: 36 hours LEC

This course includes procedures in Community CPR (Cardio-pulmonary resuscitation), including adult, infant and child CPR. Also included are choke-rescue and how to recognize symptoms of a heart attack. Also covered will be procedures in First Aid 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 the American Red Cross in adult, infant, and child CPR and Standard First Aid. This course is recommended for lifeguards, ski patrol, recreation workers, and teachers. Students successfully completing the course and qualifying tests are issued American Red Cross certificates in adult, child, and infant CPR and in Standard First Aid. This course may be taken four times for credit.

HEED 320 CPR: BLS FOR THE PROFESSIONAL RESCUER 2 UNITS

Prerequisite: None.

Course Transferable to CSU

Hours: 36 hours LEC

Cardio-Pulmonary Resuscitation (CPR): Basic Life Support (BLS) for the Professional Rescuer is designed to meet the special needs of the people who are expected to respond in emergency situations. Included are methods for adult, child, and infant CPR as well as performing two-rescuer CPR, operating an automated external defibrillator (AED), and using rescue-breathing devices. Students will learn the skills a professional rescuer needs to act as a crucial link in the emergency medical services (EMS) system. Satisfactory completion of this course results in an American Red Cross Certificate in CPR for the Professional Rescuer. This 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. This course is the same as PET 301, and only one may be taken for credit. See "Cross-Listed Courses" in the catalog.

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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: ENGWR 101 or eligibility for ENGWR 300

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of the development 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 and our world today.

HIST 308 HISTORY OF WORLD CIVILIZATIONS, 1500 TO PRESENT 3 UNITS

Prerequisite: None.

Advisory: ENGWR 101 or eligibility for ENGWR 300

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

This course portrays the growth of the history of America from the pre-Columbian period to 1865. It focuses on its institutions and ideals, 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

This course 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 ideals, decisions, forces, institutions, individuals, events, and processes that affected continuity and change during this time. Coverage also includes 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

This course reviews those events that constitute our country's history from 1945 to the present, ensuing against the background of a "world setting." While the emphasis tends to be on political developments, the course also covers broad economic, social, and cultural patterns. It includes coverage of California state and local government.

HIST 319 AMERICAN ENVIRONMENTAL HISTORY 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, 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 390 HISTORY 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 Sacramento and Sierra Nevada foothills environment, as well as an examination of museum collections and presentation techniques of historical and cultural materials. Depending on availability, it includes visits to active excavation, preservation, and/or restoration projects. This class is ideal for social science majors, future teachers, park service personnel, heritage resource volunteers, and those interested in the interpretation field.

HIST 392 PRINCIPLES OF HERITAGE INTERPRETATION 3 UNITS

Same As: ANTH 392 and BIOL 392

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**

Same As: ANTH 393 and BIOL 393

Prerequisite: None.

Advisory: Completion of HIST 344 or HIST 392 with a grade of "C" or better.

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 the 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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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 498 WORK EXPERIENCE IN HORTICULTURE 1-4 UNITS

Prerequisite: None
Course Transferable to CSU
Hours: 18 hours LEC ; 54 hours LAB

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.
Advisory: HORT 300
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. The course includes factors of: fundamental soil properties, soil and plant relationships, principles of soil formation, fertilizers and soil management, salinity, pH, erosion management, and non-agricultural uses. This course is the same as PLTS 310, and only one may be taken for credit.

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

Human/Career Development

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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 UC/CSU

Hours: 54 hours LEC

This comprehensive course is designed to assist students in obtaining the skills and knowledge necessary to reach their educational objectives. Topics include: motivation and discipline, memory development, time management, communication skills, career planning, transfer options, study skills, and personal issues commonly reported by college students. The course is recommended for new students and others who can benefit.

HCD 318 TRANSFER: MAKING IT HAPPEN 2 UNITS

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 36 hours LEC

This course provides a comprehensive study of the university transfer process as it relates to community college students. Topics include an overview of higher education, transfer admission requirements, college research, major selection, transfer resources, student support services, transitional issues, and the college application process.

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREES

- A.A. - Human Services, General
- A.A. - Human Services, Gerontology

CERTIFICATES OF ACHIEVEMENT

- Human Services, General
- Human Services, Gerontology

CERTIFICATES OF RECOGNITION

- Human Services, Home Caregiver

This Folsom Lake College program prepares students for employment as an associate professional, and also prepares students for transfer level training for Psychology and Social Work majors towards Marriage Family Therapists, Social Workers, and Psychologists. Associate Professional employment includes agencies such as youth group homes, youth and family services, schools, probation, welfare, and mental health departments. Both the degree and certificates are CSU transferrable, and fulfill lower-division requirements for a Psychology BA degree, and fulfill upper-division requirements for a MS in Counseling degree.

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

- Identify the community resources used in assisting clients
- Appraise and apply the knowledge of existing California professional codes of ethics for the helping professions
- Describe the application of clients' rights in the social service delivery system
- Evaluate one's own values and attitudes as they apply to ethical decision making
- Demonstrate effective individual and group setting interpersonal and social skills in interactions with a demographically diverse population

The A.A. degree program in Human Services provides performance-based training for both associate level employment and transfer preparation. Provides training for Psychology and Social Work majors towards Marriage Family Therapists, Social Workers, and Psychologists. All courses within this curriculum are transferable to CSU four-year degree programs. Coursework includes performance-based training in client screening, intake, assessment, orientation, individual counseling, group counseling, consultation, client's rights, confidentiality, crisis intervention, client education, professional ethics, reports and record keeping.

DEGREE

A.A.—Human Services, Gerontology

REQUIRED PROGRAM	Units
GERON 331 Interviewing, Counseling the Elderly.....	3
GERON 333 Techniques of Individual and Group Counseling of the Elderly.....	4
HSER 300 Introduction to Human Services.....	3
HSER 302 Introduction to Psychology of Human Relations.....	3
HSER 340 Introduction to Chemical Dependency.....	3
HSER 350 Employment Skills in Human Services.....	3
HSER 360 Techniques of Interviewing and Counseling.....	3
HSER 362 Practices in Human Services.....	6
HSER 364 Techniques of Group Counseling.....	4
PSYC 300 General Principles.....	3
TOTAL UNITS REQUIRED	35

Suggested Electives: ENGWR 300, ENGWR 330, ENGWR 331; CISA 300, CISA 301, CISA 320, CISA 321, CISA 340, CISC 320, CISC 321; HEED 300, 312, 313; STAT 300.

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.

Upon completion of this program, the student will be able to:

- Demonstrate skill, ease, confidence, rapport, and listening skills when communicating with the elderly at different cognitive levels.
- Evaluate and discuss similarities and differences surrounding diverse aging populations as they relate to life expectancy, mortality, mobility, family, work, retirement, mental health, death, lifestyles, sexuality, and use of services.
- Discuss the impact of language and other cultural factors that influence drug education, drug use, and treatment options with the elderly.
- Evaluate common methods of care for the dying including hospitals, skilled nursing facilities, care centers, and hospice care.
- Recognize and identify risk of caregiver stress in cases of Alzheimer's, dementia, and other diagnoses correlated with aging.
- Identify and evaluate elder abuse causes, preventions strategies, and resources.
- Identify strategies for meeting the challenges of aging within a socio-cultural framework.
- Recognize and evaluate demographic, socioeconomic, legal, and physiologic aspects of aging
- Develop practical workplace skills and knowledge needed for employment in the field.
- Transfer skills, units, and experience to a gerontology major at a four year institution.

DEGREE

A.A.—Human Services, General

REQUIRED PROGRAM	Units
HSER 300 Introduction to Human Services.....	3
HSER 302 Intro to Psychology of Human Relations.....	3
HSER 350 Employment Skills in Human Services.....	3
HSER 360 Techniques of Interviewing and Counseling.....	3
HSER 362 Practices in Human Services.....	6
HSER 364 Techniques of Group Counseling.....	4
PSYC 300 General Principles.....	3
Plus six (6) units selected from:.....	6
GERON 300/SOC 335 Sociology of Aging (3)	
HSER 304 Introduction to Counseling Children (3)	
HSER 340 Introduction to Chemical Dependency (3)	
HSER 494 Current Issues in Human Services (3)	
PSYC 320 Social Psychology (3)	
SOC 300 Introductory Sociology (3)	
SOC 321 Race, Ethnicity and Inequality in the U.S. (3)	
TOTAL UNITS REQUIRED	31

Suggested Electives: ENGWR 300, 330, 331; CISA 300, 301, 320, 321, 340; HEED 300, 312, 313; STAT 300.

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.

Upon completion of this program, the student will be able to:

- Define the functions of social service delivery systems
- Analyze public policy issues, complexities and controversies affecting social service agencies and their clients
- Integrate different theoretical approaches in working with clients

The Gerontology Degree Program will prepare students to assist seniors in managing their health, psychological, and social needs unique to the elderly population via a broad overview of the biological, psychological, and social aspects of aging. The need for specialization in gerontology is clearly shown in population trends and documented in literature citing the lack of adequately prepared geriatric caregivers. The focus is on preparation for associate-level positions with private industry, government and non-profit agencies providing health services to senior adults. All courses transfer to California State Universities. Students planning to continue specialization in gerontology by transferring to a four-year college should consult the Requirements for Transfer Institutions section of this catalog.

CERTIFICATE OF ACHIEVEMENT

Human Services, General

REQUIRED PROGRAM	Units
HSER 300 Introduction to Human Services	3
HSER 302 Intro to Psychology of Human Relations	3
HSER 350 Employment Skills in Human Services	3
HSER 360 Techniques of Interviewing and Counseling	3
HSER 362 Practices in Human Services	6
HSER 364 Techniques of Group Counseling	4
PSYC 300 General Principles	3
Plus six (6) units selected from:	6
GERON 300/SOC 335 Sociology of Aging (3)	
HSER 304 Introduction to Counseling Children (3)	
HSER 340 Introduction to Chemical Dependency (3)	
HSER 494 Current Issues in Human Services (3)	
PSYC 320 Social Psychology (3)	
SOC 300 Introductory Sociology (3)	
SOC 321 Race, Ethnicity and Inequality in the U.S. (3)	
TOTAL UNITS REQUIRED	31

Suggested Electives: ENGWR 300, 330, 331; CISA 300, 301, 320, 321, 340; HEED 300, 312, 313; STAT 300

The certificate program in Human Services provides performance-based training for both associate level employment and transfer preparation. Provides training for Psychology and Social Work majors towards Marriage Family Therapists, Social Workers, and Psychologists. All courses within this curriculum are transferable to CSU four-year degree programs. Coursework includes performance-based training in client screening, intake, assessment, orientation, individual counseling, group counseling, consultation, client's rights, confidentiality, crisis intervention, client education, professional ethics, reports and record keeping.

Upon completion of this program, the student will be able to:

- Define the functions of social service delivery systems
- Analyze public policy issues, complexities and controversies affecting social service agencies and their clients
- Integrate different theoretical approaches in working with clients
- Identify the community resources used in assisting clients
- Appraise and apply the knowledge of existing California professional codes of ethics for the helping professions
- Describe the application of clients' rights in the social service delivery system
- Describe the application of clients' rights in the social service delivery system
- Demonstrate effective individual and group setting interpersonal and social skills in interactions with a demographically diverse population.

CERTIFICATE OF ACHIEVEMENT

Human Services, Gerontology

REQUIRED PROGRAM	Units
GERON 331 Interviewing, Counseling the Elderly	3
GERON 333 Techniques of Individual and Group Counseling of the Elderly	4
HSER 300 Introduction to Human Services	3
HSER 302 Introduction to Psychology of Human Relations	3
HSER 340 Introduction to Chemical Dependency	3
HSER 350 Employment Skills in Human Services	3
HSER 360 Techniques of Interviewing and Counseling	3
HSER 362 Practices in Human Services	6
HSER 364 Techniques of Group Counseling	4
PSYC 300 General Principles	3
TOTAL UNITS REQUIRED	35

CERTIFICATE OF RECOGNITION

Human Services, Home Caregiver

REQUIRED PROGRAM	Units
GERON 300/SOC 335 Sociology of Aging	3
HSER 302 Introduction to Psychology of Human Relations	3
HSER 350 Employment Skills in Human Services	3
HSER 498 Work Experience	3
TOTAL UNITS REQUIRED	12

The Home Caregiver Certificate prepares recipients with in-home ethical and legal preparation, interpersonal skill training, and information regarding the needs affiliated with aging. All courses transfer to California State Universities. Students planning to continue specialization in gerontology by transferring to a four-year college should consult the Requirements for Transfer Institutions section of this catalog.

Upon completion of this program, the student will be able to:

- demonstrate skill, ease, confidence, rapport, and listening skills when communicating with the elderly at different cognitive levels.
- evaluate and discuss similarities and differences surrounding diverse aging populations as they relate to life expectancy, mortality, mobility, family, work, retirement, mental health, death, lifestyles, sexuality, and use of services.
- discuss the impact of language and other cultural factors that influence drug education, drug use, and treatment options with the elderly.
- evaluate common methods of care for the dying including hospitals, skilled nursing facilities, and hospice care.
- recognize and identify risk of caregiver stress in cases of Alzheimer's and other dementia.
- identify and evaluate elder abuse causes, preventions strategies, and resources.
- identify strategies for meeting the challenges of aging within a socio-cultural framework.
- recognize and evaluate demographic, socioeconomic, legal, and physiologic aspects of aging.
- develop practical workplace skills and knowledge needed for employment

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 341 PHYSIOLOGY AND PHARMACOLOGY: ALCOHOL & OTHER DRUGS 3 UNITS

Prerequisite: HSER 340 with a grade of "C" or better

Course Transferable to CSU

Hours: 54 hours LEC

This course is a study of the chemical composition, pharmacokinetics and the physiological effects of psychoactive drugs on the central nervous system. Psychoactive drugs discussed include alcohol, opiates, stimulants, depressants, psychotherapeutics, and psychedelics. Also included will be the physiological and psychological mechanisms associated with tolerance, habituation, and withdrawal that occur during the addiction phase of drug use.

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

Hours: 18 hours LEC ; 54 hours LAB

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
 El Dorado Center - 530-642-5645
 Rancho Cordova Center - 916-255-0717

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:	
HUM 300, 310; PHIL 300	9
Twelve (12) units selected from:	
(no more than one course from each group)	
(a.) ARTH 300;	
(b.) ENGCW 400; ENGLT 310, 311, 320, 321, 330, 340, 341;	
(c.) HUM 320, 332;	
(d.) MUFHL 300, 310, 311;	
(e.) PHIL 310, 320, 338, 350;	
(f.) TA 300; CMED 305	12
TOTAL UNITS REQUIRED	21

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.

- Upon completion of this program, the student will be able to:
- Describe the fundamental questions people have pondered over the past 2500 years.
 - Analyze, evaluate, and synthesize philosophical problems in order to develop and defend a position
 - Demonstrate an understanding of the development of culture as reflected in the arts, philosophy, and history of the Western world
 - Evaluate the artistic and cultural achievements of a particular period by comparing and contrasting them to the achievements of previous and subsequent periods.
 - Demonstrate community and cultural awareness by attending cultural events and evaluating their relevance.
 - Utilize research skills to write papers that examine the basic human values exemplified in the arts, literature, and/or philosophy of particular eras in history.
 - Employ inductive or deductive reasoning to challenge or defend assertions in arguments and argumentative essays

The Humanities program at Folsom Lake College offers students the opportunity to develop a breadth of interdisciplinary knowledge, enhance their appreciation of the arts, sharpen their critical thinking skills, and prepare them for transfer to the university.

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 ASIAN 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

ACADEMIC COUNSELING

Folsom campus - 916-608-6500
 El Dorado Center - 530-642-5645
 Rancho Cordova Center - 916-255-0717

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

The American Studies program at Folsom Lake College provides students with an interdisciplinary survey of the historical, institutional, political, philosophical, cultural, and social achievements of America and its people. The program focuses on extending students' breadth of knowledge, challenging their assumptions and preconceived notions, and preparing them for transfer to the university.

DEGREE

A.A.—Interdisciplinary Studies, Humanities

REQUIRED PROGRAM	Units
Nine (9) units selected from:	
HUM 300, 310; PHIL 300	9
Twelve (12) units selected from:	
(no more than one course from each group)	
(a.) ARTH 300;	
(b.) ENGCW 400; ENGLT 310, 311, 320, 321, 330, 340, 341;	
(c.) HUM 320, 332;	
(d.) MUFHL 300, 310, 311;	
(e.) PHIL 310, 320, 338, 350;	
(f.) TA 300; CMED 305	12
TOTAL UNITS REQUIRED	21

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.

Upon completion of this program, the student will be able to:

- Describe the fundamental questions people have pondered over the past 2500 years.
- Analyze, evaluate, and synthesize philosophical problems in order to develop and defend a position
- Demonstrate an understanding of the development of culture as reflected in the arts, philosophy, and history of the Western world
- Evaluate the artistic and cultural achievements of a particular period by comparing and contrasting them to the achievements of previous and subsequent periods.
- Demonstrate community and cultural awareness by attending cultural events and evaluating their relevance.
- Utilize research skills to write papers that examine the basic human values exemplified in the arts, literature, and/or philosophy of particular eras in history.
- Employ inductive or deductive reasoning to challenge or defend assertions in arguments and argumentative essays

DEGREE

A.A.—Interdisciplinary Studies, Women's Studies

REQUIRED PROGRAM	Units
Nine (9) units selected from:	
ENGLT 360; HIST 331; PSYC 356, 360	9
Twelve (12) units selected from:	
(no more than one course from each group)	
(a.) BUS 300;	
(b.) ENGLT 310, 311, 320, 321, 330, 340, 341, 360;	
(c.) HIST 312, 313, 314, 331;	
(d.) HUM 332;	
(e.) PHIL 310, 320, 338;	
(f.) POLS 301;	
(g.) PSYC 356, 360, 372;	
(h.) SOC 300, 301, 321	12
TOTAL UNITS REQUIRED	21

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.

DEGREE

A.A.—Interdisciplinary Studies, American Studies

REQUIRED PROGRAM	Units
15 units selected from:	
(no more than one course selected from each group)	
(a.) ENGLT 320, 321, 330;	
(b.) HIST 312, 313, 314, 331;	
(c.) HUM 332;	
(d.) POLS 301;	
(e.) PSYC 360;	
(f.) SOC 300, 301, 321	15
Six (6) units selected from:	
(no more than one course selected from each group)	
(a.) BUS 300;	
(b.) HUM 310;	
(c.) PHIL 300, 338	6
TOTAL UNITS REQUIRED	21

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.

Upon completion of this program, the student will be able to:

- Demonstrate an understanding of indigenous ways in America before and after European colonization.
- Trace and analyze the chronology of events that make up America's past to understand change and/or continuity and cause and/or effect in history.
- Evaluate the artistic and cultural achievements of a particular era by comparing and contrasting them to the achievements of previous and/or subsequent periods.
- Utilize research skills to write papers that examine the basic human values exemplified in American history, politics, art, literature, and/or philosophy.
- Investigate and evaluate historical data to determine the contributions, sacrifices, and experiences of diverse groups who have been significant in the development of the United States in a given period.

Upon completion of this program, the student will be able to:

- Demonstrate an understanding of the contributions of Colonial and Native American women during colonization in the U.S.
- Utilize research skills to write papers that examine the roles and responsibilities of women during the labor, abolition, or women's rights movements of the 19th and 20th centuries.
- Evaluate the artistic and/or literary achievements of women of a particular era by comparing and contrasting them to those of previous and/or subsequent periods.
- Investigate and evaluate the contributions, sacrifices, and experiences of women historically given the political, moral, and cultural constraints of a particular era.
- Identify and analyze the psychological, biological, and social influences on the behavior of women in a given era of history.

This program is designed for both men and women, focusing on women and their: Achievements; Behavior, Feelings, and Experience; Historical Significance; Cultural and Social Contributions; Roles in Society and the Political System; Literary Significance; and Positions in the Business World. The program seeks to broaden students' knowledge of women's achievements, challenge lingering stereotypes of women, and expand perceptions of women's roles in society.

Journalism (JOUR)

JOUR 310 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 of mass communications as a social institution. Exploration of economics, technology, law, ethics, and social issues, including cultural and ethnic diversity. This course is the same as CMED 300, and only one may be taken for credit. See "Cross-Listed Courses" in the catalog.

JOUR 335 INTRODUCTION TO DESKTOP PUBLISHING 2 UNITS

Prerequisite: None

Advisory: CISC 300 or 302 or 310; or JOUR 330.

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, and newsletters. Students may receive two units credit for each topic offered. Consult the class schedule for specific topics. Not open to students who have received credit for CISA 330.

JOUR 336 INTERMEDIATE DESKTOP PUBLISHING 2 UNITS

Prerequisite: CISA 330 or JOUR 335.

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, and newsletters. Students may receive two units credit for each topic offered. Consult the class schedule for specific topics. Recommended supplemental courses: CISA 300; ARCH 330 or ART 320; and CISA 340. Not open to students who have received credit for CISA 331.

JOUR 340 WRITING FOR PUBLICATION 3 UNITS

Prerequisite: ENGWR 300 or JOUR 300.

Course Transferable to CSU

Hours: 54 hours LEC

Writing nonfiction for publication with emphasis on developing writing style. The course covers writing for specific audiences, writing magazine and feature articles, researching and interviewing and developing an effective prose style. Students will learn how to write reviews, profiles, personal narratives and longer articles and how to sell them.

JOUR 495 INDEPENDENT STUDIES IN JOURNALISM 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

JOUR 499 EXPERIMENTAL OFFERING IN JOURNALISM .5-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Library

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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 provides a step-by-step guide to the research process that is applicable to term papers, course work, personal interest and life-long learning. It will help students acquire the information competency skills necessary for success in their academic, personal or job-related research. 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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

This program prepares students for entry into a company management training programs 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.

Upon completion of this program, the student will be able to:

- incorporate leadership skills and abilities that are effective in managing a multicultural workforce.
- analyze practical business problems.
- apply current management philosophies to current management problems.
- integrate management principles in relationship to finance, personnel, products, services and information.
- communicate effectively verbally and in writing in various business settings.
- utilize critical thinking and research skills in the evaluation of alternative solutions.

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 310 INTRODUCTION TO PUBLIC MANAGEMENT 3 UNITS

Prerequisite: None.
Hours: 54 hours lecture
Description: This course provides an introduction to the field of public management. It introduces students to the fundamental components of public management including public organizational relations and roles, leadership, ethics, fiscal management and policymaking. It also addresses the political, intergovernmental, and external environments in which public managers function.

MGMT 311 INTRODUCTION TO PUBLIC FINANCIAL ADMINISTRATION 3 UNITS

Prerequisite: None.
Hours: 54 hours lecture
Description: This course provides an overview to the field of Public Financial Administration. It examines financial administration in public and not-for-profit organizations. Topics include: concepts and activities in public financial management, budgeting, taxation, revenue planning, borrowing, fiscal controls, and the analytical skills needed to direct and control public fiscal activities.

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.

DEGREE

A.A.—Management

REQUIRED PROGRAMUnits

Business Core:

ACCT 301	Financial Accounting.....	4
BUS 300	Introduction to Business.....	3
BUS 310	Business Communications.....	3
BUS 330	Managing Diversity in the Workplace.....	3
BUS 340	Business Law.....	3
BUSTEC 302	Computer Keyboarding.....	2
CISC 310	Intro to Computer Information Science or	

Three (3) units to include:
CISC 300 Computer Familiarization (1) and
Any two (2) additional units selected from:
CISA 300, CISA 310, CISA 320, CISA 330, CISA 340, CISC 320,
CISC 3503
ECON 302 Principles of Macroeconomics or
ECON 320/BUS 320 Concepts of Personal Finance3
MKT 300 Principles of Marketing 3

Management Option:
MGMT 362 Techniques of Management3
MGMT 372 Human Relations & Organizational Behavior3
Plus six (6) units selected from:.....6
BUS 210, 218, 224, 350;
Plus three (3) units selected from:.....3
BUS 498 Work Experience or
Human/Career Development (any course combination)
TOTAL UNITS REQUIRED 42

Suggested Elective: ACCT 311

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.

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

Marketing

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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 101 Fundamentals of College Accounting (3) or	
ACCT 301 Financial Accounting (4)	3-4
BUS 300 Introduction to Business	3
BUS 310 Business Communication	3
BUS 330 Managing Diversity in the Workplace	3
BUS 340 Business Law	3
BUSTEC 302 Computer Keyboarding	2
CISC 310 Intro to Computer Information Science (3) or	
Three (3) units to include:	
CISC 300 Computer Familiarization (1) and	
Any two (2) additional units selected from:	
CISA 300, CISA 310, CISA 320, CISA 330, CISA 340, CISC 320,	
CISC 350	
ECON 302 Principles of Macroeconomics or	
ECON 320/BUS 320 Concepts of Personal Finance	3
MGMT 362 Techniques of Management	3
Marketing Option:	
MKT 300 Principles of Marketing	3
MKT 310 Selling Professionally	3
MKT 312 Retailing or	
BUS 350 Small Business Management/ Entrepreneurship or	
Three (3) units selected from:	
BUS 210, 212, 214, 224	3
MKT 314 Advertising	3
BUS 498 Work Experience (3) or	
Human/Career Dev. (any course combination)	3
TOTAL UNITS REQUIRED	41-42

Suggested Electives:
CISA 340, CISA 330; RE 300

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.

The Marketing degree provides an opportunity for students to acquire knowledge and training for careers in sales, advertising, and marketing. Marketing is a dynamic area of study that provides immediate job and career opportunities. The competency-based curriculum is designed to prepare students for a variety of

positions and to provide basic training for advancement to management positions and for transfer to four-year universities

Upon completion of this program, the student will be able to:

- integrate the functions of the marketing mix.
- plan, produce and select the appropriate media for advertising.
- identify and examine consumer buyer behavior and evaluate which marketing communications medium will most effectively meet needs of the marketplace.
- incorporate principles of product development, pricing, distribution strategies, promotion strategies and market research.
- apply the marketing mix to create and analyze various marketing strategies.

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

ACADEMIC COUNSELING

Folsom campus - 916-608-6500
 El Dorado Center - 530-642-5645
 Rancho Cordova Center - 916-255-0717

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

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 with a grade of "C" or better; or placement through the assessment process.
 Hours: 90 hours LEC
 This course in pre-algebra mathematics emphasizes the 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; evaluation of expressions and formulas; linear equations and inequalities; algebraic manipulations on polynomials; and the rectangular coordinate system.

MATH 81 ACADEMIC SKILLS IN MATHEMATICS .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 .25-2 UNITS

Prerequisite: None
 Hours: 108 hours LAB
 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 with a grade of "C" or better; or placement through the assessment process.
 Hours: 90 hours LEC
 This course includes 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, 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 with a grade of "C" or better; or equivalent skills demonstrated through the assessment process.
 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.

DEGREE

A.S.—Mathematics

This degree is designed to allow students to meet common lower division requirements for a major in mathematics at many four-year transfer institutions. Required courses for this degree may also fulfill lower division requirements for four-year degrees in computer science and engineering.

REQUIRED PROGRAM	Units
MATH 400 Calculus I.....	5
MATH 401 Calculus II.....	5
MATH 402 Calculus III.....	5
MATH 410 Introduction to Linear Algebra	3
MATH 420 Differential Equations	4
Plus select one of the following courses:.....	4
CISP 360 Introduction to Structured Programming (4)	
CISP 370 Beginning Visual BASIC (4)	
TOTAL UNITS REQUIRED	26

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.

Upon completion of this program, the student will be able to:

- apply quantitative thinking processes and reasoning skills in upper division academic work and/or workplace tasks.
- recognize and construct valid arguments using deductive and inductive reasoning skills.
- define and utilize terminology of mathematics with emphasis in calculus, linear algebra, and either statistics, logic or problem solving.
- communicate mathematical concepts to varied audiences.
- solve problems collaboratively.
- use mathematical tools essential to success in upper division math courses.
- select learning strategies that are appropriate for them

MATH 120 INTERMEDIATE ALGEBRA 5 UNITS

Prerequisite: MATH 100 with a grade of "C" or better; or placement through the assessment process.

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: absolute value equations and inequalities, rational exponents, translations and reflections of graphs, function notation and function operations, exponential and logarithmic functions, graphs of quadratic and simple polynomial functions, quadratic inequalities, non-linear systems of equations, and an introduction to conic sections.

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 with a grade of "C" or better; or equivalent skills demonstrated through the assessment process.

Course Transferable to CSU

Hours: 54 hours LEC

Introduction to Mathematical Ideas allows liberal arts students to meet general education mathematics requirements while exploring concepts and objects of mathematics in a meaningful way. This course is designed to show some of the essence and quality of mathematics, and to enhance precision in the evaluation and expression of ideas, thereby developing a student's quantitative reasoning skills. It is recommended primarily for students who do not plan to major in a math-related field, but may be of interest to others as well. Course content may include topics from numeration systems, logic, geometry, probability, statistics, algebraic modeling, number theory, consumer mathematics, graph theory, voting and apportionment, and perhaps others; concepts of contemporary mathematics may be covered. Emphasis is placed on the deductive process.

MATH 310 MATHEMATICAL DISCOVERY 3 UNITS

Prerequisite: MATH 112 or Geometry, AND MATH 120 both with a grade of "C" or better; or equivalent skills demonstrated through the assessment process.

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to enhance students' understanding of mathematics by involving them in the mathematical process of exploration, conjecture, and proof. Students will explore mathematical patterns and relations, formulate conjectures, and prove their conjectures. Areas of mathematics from which content may be derived include number theory, statistics, probability, geometry, and sequences and series. This course is recommended for students interested in a career in education.

MATH 335 TRIGONOMETRY WITH COLLEGE ALGEBRA 5 UNITS

Prerequisite: MATH 120 with a grade of "C" or better; or placement through the assessment process.

Course Transferable to CSU

Hours: 90 hours LEC

This is a full trigonometry course with college 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 (laws of sines and cosines), inverse trigonometric functions, polar coordinates, graphing polar functions, and vectors. The algebra topics include exponential and logarithmic functions, complex numbers, in addition to solving equations, inequalities, and systems of equations.

MATH 341 CALCULUS FOR BUSINESS AND ECONOMICS 4 UNITS

Prerequisite: MATH 120 or 125 with a grade of "C" or better; or equivalent skills demonstrated through the assessment process.

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 with a grade of "C" or better; or placement through the assessment process.

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 functions, finance (interest and exponential models), rates of change, optimization, and linear programming. The content of the course is structured to incorporate tables, graphs and data sets collected from real-world situations. This course is not recommended for mathematics or physical science majors.

MATH 344 FINITE MATHEMATICS 3 UNITS

Prerequisite: MATH 120 or 125 with a grade of "C" or better; or equivalent skills demonstrated through the assessment.

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 with a grade of "C" or better; or equivalent skills demonstrated through the assessment process.

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 with a grade of "C" or better

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. See "Cross-Listed Courses" in the catalog.

MATH 370 PRE-CALCULUS MATHEMATICS 5 UNITS

Prerequisite: MATH 335 with a grade of "C" or better; or placement through the assessment process.

Course Transferable to UC/CSU

Hours: 90 hours LEC

This course is designed to prepare students for Calculus (Math 400 - 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, binomial theorem, analytic geometry, vectors, parametric, and polar equations. A graphing calculator may be required for this course.

MATH 400 CALCULUS I 5 UNITS

Prerequisite: MATH 370 with a grade of "C" or better; or placement through the assessment process.

Course Transferable to UC/CSU

Hours: 90 hours LEC

This course explores the basic concepts of analytic geometry, limits of functions, derivatives, and integrals. Topics covered will include finding the limits of functions by graphing and indeterminate forms of algebraic expressions. Graphing, derivatives, and integrals involving algebraic, trigonometric, exponential, logarithmic, and inverse trigonometric functions will also be covered. Many applications will be covered, including those involving rectilinear motion, differentials, related rates, graphing, optimization, and finding areas of bounded regions.

MATH 401 CALCULUS II 5 UNITS

Prerequisite: MATH 400 with a grade of "C" or better

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 CALCULUS III 5 UNITS

Prerequisite: MATH 401 with a grade of "C" or better

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 with a grade of "C" or better

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 with a grade of "C" or better

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

Statistics (STAT)**STAT 300 INTRODUCTION TO PROBABILITY AND STATISTICS 4 UNITS**

Prerequisite: MATH 120 or 125 with a grade of "C" or better; or equivalent skills demonstrated through the assessment process.

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

**ACADEMIC
COUNSELING**

 Folsom campus - 916-608-6500
 El Dorado Center - 530-642-5645
 Rancho Cordova Center - 916-255-0717

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

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 UC/CSU

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 311 SURVEY OF MUSIC HISTORY AND LITERATURE 3 UNITS

Prerequisite: ENGWR 101 and ESLW 320 with grades of "C" or better.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a historical survey of Western classical music from the 18th century Enlightenment through modern times. Students use listening exercises and readings to study the development of classical music in historical and cultural contexts. Students study the aesthetic principles and values from various eras to develop their own musical and artistic judgements. The course meets the requirement for music majors.

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 or to those wishing a basic course prior to enrollment in MUFHL 400.

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 know as "World Beat." Music of the Americas, Africa, Asia, Australasia and Europe will be covered.

MUFHL 400 MUSIC THEORY 4 UNITS

Prerequisite: MUFHL 321 with a grade of "C" or better; or placement through the assessment process.

Corequisite: MUIVI 345

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 UC/CSU

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 346

Course Transferable to UC/CSU

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 410 ADVANCED MUSIC THEORY 4 UNITS

Prerequisite: MUFHL 401 with a grade of "C" or better

Advisory: MUIVI 351; or placement through the assessment process.

Course Transferable to CSU

See UC Limitations & Counselor

Hours: 54 hours LEC ; 54 hours LAB

This course is a continuation of Music Theory (MUFHL 401). It includes the study of 16th and 18th century counterpoint, fugue, variation, altered chords, borrowed chords, variation technique, sonata form, rondo form, and late 19th and 20th century writing techniques. Practice in rhythmic, melodic, harmonic and contrapuntal sight singing, ear training and dictation is included in the study. This course is required for music majors.

MUFHL 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 - Instrumental/Voice Instruction (MUIVI)

MUIVI 300 BEGINNING INSTRUMENTS 1-2 UNITS

Prerequisite: None.

Advisory: MUFHL 321

Hours: 14 hours lecture, 12 - 66 hours laboratory

This is a beginning-level course for students who wish to study a string, woodwind, brass, or percussion instrument. Topics of study include technique, repertoire, instrument care and maintenance, and performance. A minimum of three additional hours of verified practice a week is required for the two-unit option. Students must provide their own instrument.

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 with a grade of "C" or better

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.

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 345 BEGINNING PIANO 1-2 UNITS

Prerequisite: None

Advisory: MUFHL 321 (Basic Musicianship); Eligibility for ENGWR 101 or ESLW 320.

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is an introduction to basic piano playing and it is required for all general and commercial music majors. This course is the first in a four semester sequence designed to develop the student's keyboard skills at the piano. Students are advised to have basic music reading skills or have completed MUFHL 321. The course prepares students who are transferring for piano proficiency examination. A minimum of two hours a week outside practice is required for the two-unit option.

MUIVI 346 BEGINNING PIANO 1-2 UNITS

Prerequisite: MUIVI 345 with a grade of "C" or better.

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

Beginning Piano (MUIVI 346) continues piano preparation begun in MUIVI 345. This course is the second in a sequence of four courses designed to develop the student's keyboard skills at the piano. This course is designed to be taken concurrently with Music Theory (MUFHL 401). The course prepares students who are transferring to four year degree granting programs for the piano proficiency examination. A minimum of two hours a week outside practice is required for the two-unit option.

MUIVI 351 INTERMEDIATE PIANO 2 UNITS

Prerequisite: MUIVI 350. Grade of "C" or better, or the ability to play all major scales, hands together, two octaves and harmonic minor in A, E, B, F, D, and G.

Course Transferable to UC/CSU

Hours: 24 hours LEC ; 36 hours LAB

This course is the second year of piano study. It is a continuation of MUIVI 350. The course includes the further development of insight into music as an artistic means of communication through the study of scales, chords, melodic harmonization and repertoire. The course also serves to develop the fundamental skills for the non-keyboard music major to prepare them for a profession in music. This course is designed to be taken concurrently with MUFHL 411.

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 with a grade of "C" or better

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 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 420 APPLIED MUSIC 1 UNIT

Prerequisite: None.

Enrollment Limitation: The student should own a musical instrument appropriate for the applied music field of choice.

Course Transferable to CSU

Hours: 8 hours LEC ; 92 hours LAB

This is the first course in a four-part series and offers individualized instrumental or vocal instruction with a private instructor. It focuses on the development of individual performance skills and solo and ensemble repertoire. Juried performance is required. Required for all traditional performance and jazz music majors.

MUIVI 495 INDEPENDENT STUDIES IN MUSIC/INSTRUMENTAL/VOICE INSTRUCTION .5-3 UNITS

Prerequisite: None

Course Transferable to UC/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

Music - Performance (MUP)

MUP 311 ADVANCED ORCHESTRA 1-2 UNITS

Prerequisite: None.

Enrollment Limitation: Students may be admitted to this course by audition and permission of the instructor only. Audition times and dates will be announced by the department.

Course Transferable to UC/CSU

Hours: 108 hours LAB

This course is the continuing study and performance of orchestral repertoire. Additional topics may include experience in conducting, rehearsal techniques and section leading. Field trips may be required. Students will be expected to supply their own musical instruments in most instances. Some musical instruments may be provided by the college. This course may be taken four times.

MUP 320 JAZZ BAND 2 UNITS

Prerequisite: None.

Enrollment Limitation: Ability to play at least one instrument commonly used in jazz ensemble; audition required.

Course Transferable to CSU, UC pending

Hours: 18 hours LEC ; 54 hours LAB

This course is the study and performance of Jazz Band repertoire. Representative repertoire may include selections from Early Jazz to current jazz performance methods. Public performance and field trips required. May be taken four times for credit.

MUP 350 COLLEGE CHOIR 2 UNITS

Prerequisite: MUP 357 with a grade of "C" or better

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.

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 400 VOCAL JAZZ ENSEMBLE 2 UNITS

Prerequisite: None.

Enrollment Limitation: An audition is required. The audition will include; sight-singing, aural skills, improvisation and the preparation and performance of a short musical excerpt.

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is an advanced choral ensemble of limited size performing a wide variety of music in the jazz style. Public performance, festival and field trips are required. Audition is required. This course may be taken four times for credit.

MUP 422 SPECIAL ENSEMBLE PARTICIPATION .5-2 UNITS

Prerequisite: None.

Course Transferable to CSU, UC pending

Hours: 108 hours LAB

This course is open to all students who sing or play musical instruments. Instrumentation of groups will vary, including jazz combo, piano quintet, guitar ensemble, and related music as well as choral groups. The course may be taken a maximum of 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

Music - Specializations in Music (MUSM)

MUSM 110 THE BUSINESS OF MUSIC 3 UNITS

Prerequisite: None

Hours: 54 hours LEC

This course presents an overview of music in the marketplace, including the processes of promotion, publicity, artist management, talent agents, recording strategies, selling music through the internet, copyrights, and royalties.

MUSM 111 THE BUSINESS OF MUSIC 3 UNITS

Prerequisite: MUSM 110 (The Business of Music) with a grade of "C" or better.

Hours: 54 hours LEC

This course provides an overview of the music business as defined by the publishing and the radio industry. It also includes details and processes of trade and service marks, attorney functions, merchandising, publishing agreement points, and copyright functions.

MUSM 112 THE BUSINESS OF MUSIC/ARTIST MANAGEMENT 3 UNITS

Prerequisite: MUSM 111 (The Business of Music) with a grade of "C" or better.

Hours: 54 hours LEC

This course covers definitions, duties and agreements of artist management. Topics include functions of a personal manager and the relationship with the artist, guidelines to career planning, choosing managers and clients, record company relations and other team players. The course will also analyze the personal manager agreement and organize an artist's tour.

MUSM 320 CONTEMPORARY SONGWRITING 3 UNITS

Prerequisite: MUFHL 321 (Basic Musicianship) with a grade of "C" or better; or placement through the assessment process.

Course Transferable to CSU

Hours: 54 hours LEC

This course covers the process of writing popular songs, including writing lyrics, designing instrumental and vocal arrangements, studying melodic and harmonic skills, learning popular song forms, analyzing musical styles, and creating lead sheets.

MUSM 321 CONTEMPORARY SONGWRITING 3 UNITS

Prerequisite: MUSM 320 with a grade of "C" or better .

Course Transferable to CSU

Hours: 54 hours LEC

This course covers advanced processes of popular songwriting, including production and song evaluation, lyrical interpretation, publishing songs, and the songwriters' marketing system.

**MUSM 334 INTRODUCTION TO MUSICAL INSTRUMENT DIGITAL
INTERFACE (MIDI) 2 UNITS**

Prerequisite: None.

Advisory: 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 356 PRO TOOLS 101, INTRODUCTION TO PRO TOOLS 1.5 UNITS

Prerequisite: MUSM 334 with a grade of "C" or better

Course Transferable to CSU

Hours: 27 hours lecture

Description: This is the first course offering as part of the College's Digidesign Certified Training Location alliance. It is an introductory course to Digidesign's Pro Tools digital audio workstation software application. This course fully trains students in the basic operation of Pro Tools. Students learn how to record, edit and mix music and Musical Instrument Digital Interface (MIDI) within the Pro Tools application. This course is conducted in the Music Department's IDEA (Interdisciplinary Electronic Arts) computer lab. This course may be taken once for credit.

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

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 & Foods

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

NUTRI 495 INDEPENDENT STUDIES IN NUTRITION & FOODS

1-3 UNITS

Prerequisite: None
Course Transferable to CSU
Hours: 18 hours LEC ; 54 hours LAB

NUTRI 499 EXPERIMENTAL OFFERING IN NUTRITION .5-4 UNITS

Prerequisite: None
Course Transferable to CSU
Hours: 18 hours LEC ; 54 hours LAB

Nutrition and Foods (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 307 NUTRITION FOR FITNESS 2 UNITS

Same As: PET 402
Prerequisite: None.
Course Transferable to CSU
Hours: 36 hours LEC

Students will study the basic principles of nutrition, as well as the ramifications of nutrition on fitness training. This course is part of the Fitness Professional Certificate Program offered through the Physical Education Department. This course is not open to students who have completed PET 402.

NUTRI 310 CULTURAL FOODS OF THE WORLD 3 UNITS

Prerequisite: None.
Course Transferable to UC/CSU
Hours: 54 hours LEC

This course compares various western and non-western cultural food customs and patterns including their social, religious, economic and aesthetic significance. Ethnocentrism, gender-related stereotypes, and racism as they relate to the availability, distribution, and preparation of food throughout the world will also be compared. The nutritional status of various cultures as it relates to geographic agricultural and socioeconomic factors will be studied.

NUTRI 320 CHILDREN'S HEALTH, SAFETY AND NUTRITION 3 UNITS

Prerequisite: None.
Advisory: NUTRI 300
Course Transferable to CSU
Hours: 54 hours LEC

This course examines basic nutrition, health, and safety needs of children from the prenatal period through school age. Students will identify the nutrients in foods as they affect a child's physical and mental development. The course emphasis is placed on maintaining the optimal health, safety, and nutritional status of children at home and in group care. Projects related to children's nutrition, health, and safety are required as part of the course. This course is the same as ECE 415, and only one may be taken for credit. See Cross-Listed Courses in the catalog.

Philosophy

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

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: metaphysics, 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 course's 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 328 CRITICAL REASONING AND COMPOSITION 3 UNITS

Prerequisite: ENGWR 300 with a grade of "C" or better

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.

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

This course is 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 journal.

PHOTO 301 BEGINNING PHOTOGRAPHY 3 UNITS

Prerequisite: None.

Corequisite: PHOTO 300 (may be taken previously) with a grade of "C" or better.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course combines lectures with 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. This course is the same as ART 410. This course, under either name, may be taken only one time for credit.

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 with a grade of "C" or better

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

Same as: CMED 305

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

The Physical Education curriculum offers a wide variety of courses to accommodate varying fitness levels, interests, and abilities including: dance, cardiovascular fitness, martial arts, strength training, mind/body activities like yoga and tai chi, individual sport activities such as archery, tennis and golf, adapted physical education courses, and theory courses for the aspiring fitness professional. These courses are designed not only to enhance physical conditioning, but to stimulate the students' intellectual growth as well. Students should carefully read the course description to determine if it will meet their needs. Many of the Physical Education offerings transfer to both the CSU and UC systems accommodating students pursuing a four-year degree. However, some four-year colleges and universities limit the number of units they will accept toward the baccalaureate degree. 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. One unit laboratory activity courses may be taken four times. Various levels of the same course may only be repeated for a combined total of four (for example, beginning and intermediate Ballroom Dance may only be taken a combined total of four times).

Career Options

Group fitness instructor, dance instructor, personal trainer, activity director, corporate fitness director, wellness coordinator.

Some career options may require further education.

Highlights

- The El Dorado Center has full service group exercise, weight room and locker room facilities. The main campus offers a dance room, group exercise room, tennis courts, and fields for outdoor classes. Folsom's main campus will feature a 27,000 square foot facility with a state of the art dance studio, group fitness room, circuit training room, weight room, and exercise science lab slated to open in the Spring of 2009. Future Physical Education and Athletics facilities include: athletics fields for softball, baseball, cross country, and soccer, a tennis stadium, a track and field stadium, an archery target range, a practice gymnasium and a spectator gymnasium for basketball and volleyball.

Adapted Physical Education (ADAPT)

ADAPT 330 ADAPTED WEIGHT TRAINING AND FITNESS 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

In adapted weight training, the instructor works under the recommendation and direction of the student's physician to develop a weight training program designed to enhance the student's ability to perform activities of daily living, as well as, assist the student in attaining his or her fitness goals. Programs will be individualized and students will be encouraged to perform at a challenging, yet safe level. Students can expect to improve their muscular fitness, while gaining self esteem, confidence, and greater independence. Students must be registered with the campus DSP&S program and provide a physician's statement indicating: 1) the disability, 2) specific restrictions, and 3) recommended activities.

ADAPT 495 INDEPENDENT STUDIES IN ADAPTED PHYSICAL EDUCATION 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 54-162 hours LAB

This course will be tailored to meet the student's individual needs. As such, the student is responsible for meeting with the instructor of record to discuss and develop an Independent Studies Proposal including: a course description, course activities, contact hours, student learning outcomes, methods of instruction, homework assignments, methods of evaluation, and appropriate text or readings.

Physical Education - Dance (DANCE)

DANCE 301 BELLY DANCING 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

This class introduces the student to the basic steps and dance form of Arabic Style Middle Eastern Dance, properly known as Danse Orientale, and commonly called Belly Dance. The class consists of warm ups, basic movements, combinations, and center floor work. This course may be taken four times for credit.

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 West-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.

DANCE 310 JAZZ DANCE 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

Prerequisite: None. This course will include warm up exercises comprised of introductory level ballet positions and their corresponding jazz positions in parallel. Students will become technically proficient in jazz techniques, including turns and leaps. Center floor exercises will focus on control, balance and flexibility. Across the floor combinations will emphasize alignment, style, and technical progression. Students will memorize sections of choreography and perform with confidence. An informal introduction to injury prevention will be included in this course.

DANCE 311 URBAN HIP HOP 1 UNIT

Prerequisite: None.

Course Transferable to UC/CSU

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 UC/CSU

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 UC/CSU

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 BALLROOM DANCE 1 UNIT

Prerequisite: To enroll in the Intermediate Level of DANCE 340, the student must have taken the Beginning Level of Dance 340 and passed with a "C" or better, or have the consent of the instructor.

Course Transferable to UC/CSU

Hours: 54 hours LAB

Beginning ballroom dance offers instruction in the basic steps, styling, and rhythms of social dance. The introductory steps will be selections from world and national professional ballroom dance teaching syllabi like those outlined in the National Dance Council of America's (NDCA) Bronze Level curriculum. The dance steps presented will include basic instruction in the American Waltz, Fox Trot, East Coast Swing, Rumba, Cha-cha, Salsa, Tango, Samba, Nightclub 2 Step, Hustle, Peabody, and West Coast Swing. The intermediate level of ballroom dance will cover higher level steps selected from world and national professional ballroom dance teaching syllabi like those outlined in the National Dance Council of America's (NDCA) Silver Level curriculum. These Silver Level dance steps will provide intermediate instruction in the American Waltz, Fox Trot, East Coast Swing, Rumba, Cha-cha, Salsa, Tango, Samba, Nightclub 2 Step, Hustle, Peabody, and West Coast Swing. The combined levels of this course may be taken no more than 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: 72 hours LEC ; 54 hours LAB

Physical Education - Fitness (FITNS)

FITNS 300 AEROBICS 1 UNIT

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course is designed to help the student develop a balanced physical fitness profile and gain a firm understanding of physical fitness concepts. Class components will emphasize a variety of aerobic activities, calisthenics, resistive exercises, and flexibility. This course may be taken four times for credit.

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 heart rate and strengthen all major muscle groups. Students will learn to apply 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 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 course, reading assignments, written exams, discussion, and/or a portfolio may be assigned. This class may be taken four times for credit. Students will be required to purchase and transport their own fitness balls.

FITNS 324 MAT PILATES 1 UNIT

Prerequisite: None.

Course Transferable to UC/CSU

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

This course is designed to be a physically intense and challenging fitness class. Training exercises used during this class will include jogging, interval training, hill running training, obstacle courses, and performing a variety of calisthenics designed to enhance muscular strength and endurance. In addition, students will be challenged to understand and apply fitness training principles. The students will train individually, with a partner or in a team setting. This course may be taken four times.

FITNS 352 POWER SCULPTING 1 UNIT

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 54 hours LAB

Power Sculpting is a group training course designed to enhance muscular fitness, balance, and improve body composition through the use of resistance equipment, core training, calisthenics, and flexibility exercises. This course may be taken four times.

FITNS 366 TRAIL HIKING 1 UNIT

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course is designed to promote for the student a higher level of physical fitness (cardiovascular 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 back-country trails of the Sierra and the Sierra foothills. The course will cover planning and preparation for hiking the trails, trail safety, injury prevention and treatment, trail etiquette, and orienteering. This class may be taken four times for credit.

FITNS 368 MINI FITNESS TOPICS .5 UNIT

Prerequisite: None.

Course Transferable to CSU, UC pending

Hours: 27 hours LAB

Mini fitness topics allows students to take a variety of fitness activities in a compressed time period. Topics within this course include: weight training, circuit training, yoga, pilates, walking, cardio-kickboxing, and stretching. Students may take this course a maximum of four times, regardless of course topic. Student should consult the class schedule for specific topics offered each semester. Please note: this course fulfills half of the P.E. requirement for graduation.

FITNS 370 LIFETIME WELLNESS 1 UNIT

Prerequisite: None.

Course Transferable to CSU

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 a long period 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 380 CIRCUIT WEIGHT TRAINING 1 UNIT

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LAB

Circuit Weight Training shall introduce the student to a fitness program of progressive resistive exercises designed to promote improvement in muscular strength and endurance, and flexibility, as well as, decrease in body fat percentage. The student will move in a prescribed circuit (alternating timed lifting with active recovery) utilizing machines, free weights, cardiovascular activities, and flexibility training. 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 Iyuku. 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-kinetic 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 class may be taken four times for credit.

FITNS 495 INDEPENDENT STUDIES IN FITNESS 1-3 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 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

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 a long period of time, seniors, 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 three times for credit.

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

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.

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 402 NUTRITION FOR FITNESS 2 UNITS

Same As: NUTRI 307

Prerequisite: None.

Course Transferable to CSU

Hours: 36 hours LEC

Students will study the basic principles of nutrition, as well as, the ramifications of nutrition on fitness training. This course is part of the Fitness Professional Certificate Program offered through the Physical Education Department. This course is not open to students who have completed NUTRI 307.

PET 410 PERSONAL TRAINER CERTIFICATION: EXERCISE SCIENCE & FITNESS ASSESSMENT 3 UNITS

Prerequisite: None.

Advisory: BIOL 310

Course Transferable to CSU

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.

PET 411 PERSONAL TRAINER CERTIFICATION: PROGRAM DESIGN & INSTRUCTIONAL METHODOLOGY 2 UNITS

Prerequisite: HEED 312 and PET 410 with grades of "C" or better; prerequisites may be met by equivalency as determined by the instructor.

Course Transferable to CSU

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.

PET 413 GROUP FITNESS INSTRUCTOR CERTIFICATION 3 UNITS

Prerequisite: None.

Advisory: HEED 312

Course Transferable to CSU

Hours: 45 hours LEC ; 27 hours LAB

This course is designed to provide students with the foundational knowledge, instructional techniques and professional responsibilities a group fitness instructor needs to teach safe and effective exercise. This course will prepare students for the American Council on Exercise's National Group Fitness Instructor Certification Exam.

PET 414 HEALTH FITNESS MANAGEMENT 3 UNITS

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to provide students with the basic guidelines for starting and managing multiple health and fitness centers in the private setting; focus on initial start-up of a health and fitness center and operating procedures with emphasis on equipment selection and arrangement, employee training, program planning for safe and optimally beneficial health and fitness results.

PET 415 DESIGNING FITNESS TRAINING FOR THE ACTIVE OLDER**ADULT 2 UNITS**

Prerequisite: None.

Course Transferable to CSU

Hours: 36 hours LEC

This course will teach fitness instructors how to design and implement programs that are sensitive to the physical needs of the senior population. Participants will learn how to modify exercise based on age and medical conditions. Upon successful completion of this course, students will have the theoretical knowledge and practical skills necessary to design an exercise program which is appropriate for older adults, based on age and medical conditions.

PET 416 SPORT AND FITNESS PSYCHOLOGY: MOTIVATIONAL STRATEGIES FOR BEHAVIORAL CHANGE 2 UNITS

Prerequisite: None.

Course Transferable to CSU

Hours: 36 hours LEC

This course will explore the concepts, theories, and techniques of sport and fitness psychology that will allow coaches, personal trainers, group fitness, and dance instructors to motivate behavioral changes in their athletes and clients.

PET 417 FITNESS INJURY PREVENTION AND MANAGEMENT 2 UNITS

Prerequisite: None.

Course Transferable to CSU

Hours: 36 hours LEC

This course is an introduction to the identification, care, prevention and management of chronic/overuse fitness injuries and basic first aid for the fitness industry instructor, or for the student of fitness or conditioning classes. This class does not deal with extreme trauma injuries that might occur in athletics.

PET 490 PERSONAL TRAINING INTERNSHIP 2 UNITS

Prerequisite: PET 411 with a grade of "C" or better

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

The Personal Training Internship is designed to provide students in the Personal Training Track of the Fitness Professional Certificate Program to gain practical experience in the workplace. The two topic choices within this internship will allow students to specialize in a particular area and/or gain a wider range of experience by participating in both options.

PET 493 GROUP FITNESS INSTRUCTOR PRACTICUM 2 UNITS

Prerequisite: PET 413 (Group Fitness Instructor Certification) with a grade of "C" or better; HEED 312 or current CPR/AED certification. Also a grade of "C" or better in the activity class of practicum topic area, or equivalent.

Enrollment Limitation: The number of students per course section may be limited due to the mentor's ability to provide enough teaching opportunities. The ratio of mentor to student should be kept small to optimize the student's experience.

Course Transferable to CSU

Hours: 18 hours LEC, 54 hours LAB

This Group Fitness Instructor Practicum is designed to provide students in the Group Fitness Training Track of the Fitness Professional Certificate the opportunity to gain practical experience teaching fitness classes. The three topic choices within this internship will allow students to focus their efforts on aerobic fitness activities, mind/body fitness classes, various dance technique classes, or broaden their experience level by taking all options.

Physical Science, Physics, & Astronomy

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

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 experiences 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.

PHYS 311 BASIC PHYSICS 3 UNITS

Prerequisite: None.

Advisory: MATH 335 (may be taken concurrently) or high school trigonometry with a grade of "C" 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 Physics 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.

DEGREE

A.S.—Physics

This degree is designed to meet common lower division requirements for a major in physics.

REQUIRED PROGRAM	Units
CHEM 400 General Chemistry	5
CHEM 401 General Chemistry	5
MATH 400 Analytic Geometry and Calculus I	5
MATH 401 Analytic Geometry and Calculus II	5
MATH 402 Analytic Geometry and Calculus III	5
MATH 420 Differential Equations	4
PHYS 411 Mechanics of Solids and Fluids	4
PHYS 421 Electricity and Magnetism	4
PHYS 431 Heat, Waves, Light and Modern Physics	4
TOTAL UNITS REQUIRED	41

This 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.

PHYS 350 GENERAL PHYSICS 4 UNITS

Prerequisite: MATH 335 or a high school course in trigonometry or equivalent. This standard prerequisite has been validated based upon equivalent courses at CSU Sacramento, CSU Chico and CSU Bakersfield. Upon entering this course, the student should be able to: 1. Apply and perform calculations of angles using units of degrees and radians. 2. Evaluate and calculate trigonometric functions. 3. Solve equations involving trigonometric identities. 4. Solve quadratic equations. 5. Solve systems of equations. 6. Analyze and solve equations involving exponential and logarithmic functions. 7. Graph data in a Cartesian coordinate system and calculate slope and intercept of linear functions.

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. Material 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 with a grade of "C" or better

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 with a grade of "C" or better

Advisory: Completion of or concurrent enrollment in MATH 401.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course examines the fundamentals of mechanics: vectors, kinematics, Newton's laws, vibrations, conservation principles, fluids, and gravitation and is recommended for students studying engineering, physics, chemistry, architecture, computer science, and mathematics.

PHYS 421 ELECTRICITY AND MAGNETISM 4 UNITS

Prerequisite: MATH 401 and PHYS 411 with grades of "C" or better

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 Physics 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: MATH 401 and PHYS 411 with grades of "C" or better

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

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).

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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: ENGWR 101

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a comparative study and analysis of political systems, ideologies, institutions, policies, cultures, histories, and the development of selected foreign governments. Special emphasis is placed on the impact of both cultural and social dimensions of political behavior and attitudes on the structures and functions of government. Typical nation-states cases will be inclusive of all geographical regions. Instruction will also cover the phenomenon of globalization and its effect on the nation-states examined throughout the course.

POLS 310 INTRODUCTION TO INTERNATIONAL RELATIONS 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 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 understanding the processes associated with globalization and the impact such processes are having upon the conduct of international relations.

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

Project Management

ACADEMIC COUNSELING
 Folsom campus - 916-608-6500
 El Dorado Center - 530-642-5645
 Rancho Cordova Center - 916-255-0717

CERTIFICATE OF ACHIEVEMENT Project Management

Project management discipline continues to grow exponentially and now practiced and highly relevant to the new emerging market of project management in professional services like Health Care, Pharmacy, Human Resources, Finance, Manufacturing, Construction, and Information Technology, which is largely being driven by government modernization and large scale outsourcing. This dynamic curriculum provides advanced skills and practical instruction on the processes, organizational structure, and tools that assure that project work yields the desired business results. This program is thus ideal for professionals who want to enhance their ability to integrate complex projects, motivate people, and achieve cost-effective results.

Career Options

The Project Management program is designed for professionals seeking to improve their professional repertoire with knowledge of project management. The project management practice can be applied to several career fields such as health care, pharmaceutical, service/outsourcing information technology, manufacturing, construction, and government. This certificate is a management development program suitable for:

- Graduates who wish to pursue a career in Project Management.
- Project Managers who wish to develop their professional practice and gain a qualification in this specialist area.
- People from a range of disciplines who undertake Project Management as part of their job role or who wish to move into this professional discipline.

- build a cohesive and productive project team and learn techniques to deal with the practical and emotional issues involved in team building including coordinating efforts across multiple units of the organization.
- apply and use project management software to plan and control a project.
- use project management techniques to document and monitor the progress of a project.
- evaluate the outcome of a project.
- review and apply lessons learned to transfer lessons learned back to the real job environment.
- simulate building a project dealing with performance, scheduling, and control issues as well as dealing with leadership and management concerns.
- analyze methods to control project in a resource-constrained environment, while balancing competing time versus cost versus resources versus quality and performance.

Project Management (PRJMG)

PRJMG 300 INTRODUCTION TO PROJECT MANAGEMENT 3 UNITS

Prerequisite: None.
 Course Transferable to CSU
 Hours: 54 hours LEC
 This is an introductory course covering the following topics: fundamental project management terminology, skills, concepts and techniques, how the project management processes are linked together, and role of stakeholders and organizational influences on projects.

PRJMG 310 PROJECT INTEGRATION AND SCOPE MANAGEMENT 3 UNITS

Prerequisite: PRJMG 300 with a grade of "C" or better
 Course Transferable to CSU
 Hours: 54 hours LEC
 Successful project outcomes depend on an effective project management plan, development and execution, as well as adherence to a scope management process. They also begin with the proper integration of related project elements across project process groups and knowledge areas. The course builds on the introductory project management class to explore the project integration management processes to successfully integrate processes and activities required to define and coordinate the project effort within and across the project process including: project plan development, project plan execution, and overall change control. The scope management portion of this course will discuss the project scope management processes that ensure that all the work necessary to complete the project are included in the scope of the works, but that no unnecessary work is included, as this would represent an unnecessary risk to the project performance, especially in terms of the budget and the schedule.

PRJMG 320 PROJECT TIME AND COST MANAGEMENT 3 UNITS

Prerequisite: PRJMG 310 with a grade of "C" or better
 Course Transferable to CSU
 Hours: 54 hours LEC
 This course provides project managers methods to effectively plan and manage the project schedule and cost. The time management portion of this course covers activity breakdown, estimation, sequencing and scheduling. The cost management portion discusses how to estimate and develop a budget, and why any budget is an estimate prior to the reporting of the actual costs. The cost topic also covers resource planning, cost estimation, cost control systems, project budgeting and the basic accounting principles you need to know to ensure the success of your project.

PRJMG 330 PROJECT QUALITY MANAGEMENT 3 UNITS

Prerequisite: PRJMG 310 with a grade of "C" or better
 Course Transferable to CSU
 Hours: 54 hours LEC
 This course builds on the introductory project management class to explore the project quality management processes of quality planning, quality assurance, and quality control necessary to successfully meet conformance to project requirements and fitness of use. Quality standards and various methodologies are explored as tools and techniques used to manage project quality. The cost of poor quality is explained, as well as the cost/benefit associated with quality processes and procedures.

CERTIFICATE OF ACHIEVEMENT

Project Management

REQUIRED PROGRAM	Units
PRJMG 300 Introduction to Project Management	3
PRJMG 310 Project Integration and Scope Management	3
PRJMG 320 Project Time and Cost Management	3
PRJMG 330 Project Quality Management	3
PRJMG 340 Project Communication and Human Resource Mgmt	3
PRJMG 350 Project Risk Management and Project Procurement Management	3
TOTAL UNITS REQUIRED	18

This dynamic curriculum provides advanced skills and practical instruction on the processes, organizational structure, and tools which assure that project work yields the desired business results in professional services such as Health Care, Pharmacy, Human Resources, Finance, Manufacturing, Construction, and Information Technology, which is largely being driven by government modernization and large scale outsourcing. This program is thus ideal for professionals who want to enhance their ability to integrate complex projects, motivate people, and achieve cost-effective results.

Upon completion of this program, the student will be able to:

- apply a significant range of professional and business skills, practices and techniques in project management.
- analyze, plan and undertake effective leadership and executive decision-making.
- communicate effectively within a discipline and industry, including both people-related communication and teamwork.
- initiate, manage and drive change through the application of sound financial and business competence.
- undertake individual and team research and/or consultancy based projects.
- describe the nature and functions of project management as well as understand the project life cycle and processes.
- describe the competency model for project managers as well as the project manager job functions.

**PRJMGT 340 PROJECT COMMUNICATION AND HUMAN RESOURCE
MANAGEMENT 3 UNITS**

Prerequisite: PRJMGT 310 with a grade of "C" or better

Course Transferable to CSU

Hours: 54 hours LEC

The course explores the multiple communication channels within a project team and between a project and its various stakeholders. The course also discusses the issues around the management of the performance of all individuals involved in ensuring project success.

**PRJMGT 350 PROJECT RISK MANAGEMENT AND PROJECT
PROCUREMENT MANAGEMENT 3 UNITS**

Prerequisite: PRJMGT 310 with a grade of "C" or better

Course Transferable to CSU

Hours: 54 hours LEC

This course prepares project managers to gather information to successfully manage and respond to risks and opportunities through probability assessment and developing mitigation strategies for risks that may impact the project's triple constraint. The course also equips project managers with tools to research and acquire goods and services needed by the project either within or external to the organization.

**PRJMGT 495 INDEPENDENT STUDIES IN PROJECT MANAGEMENT
1-3 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: hours LEC

**PRJMGT 499 EXPERIMENTAL OFFERING IN PROJECT MANAGEMENT
.5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

Psychology

**ACADEMIC
COUNSELING**

 Folsom campus - 916-608-6500
 El Dorado Center - 530-642-5645
 Rancho Cordova Center - 916-255-0717

DEGREE

A.A. - 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.

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 Introductory Statistics for the Behavioral Sciences.....	3
PSYC 335 Research Methods in Psychology.....	3

Three (3) additional units selected from:

FCS 324, PSYC 340, PSYC 351, PSYC 354, PSYC 356, PSYC 358, PSYC 360,	
PSYC 368, PSYC 370/FCS 324, PSYC 372/ECE 312, PSYC 495, PSYC 499	
TOTAL UNITS REQUIRED	19

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.

Upon completion of this program, the student will be able to:

- Differentiate between scientifically derived knowledge and myth and conjecture about the topics of psychology and demonstrate understanding of psychological theory and the scientific method. This includes the ability to: a. Recognize the way in which research leads to generally accepted conclusions and the integration of new research data with the building of a body of scientific knowledge. b. Demonstrate critical thinking skills shown by the analysis of data sets, testing of assumptions, and synthesizing information to draw a logical conclusion

- Compare and contrast the major theoretical orientations in psychology, demonstrate knowledge of basic psychological terminology regarding behavior, cognition, and emotion, and be able to express this clearly when writing or speaking about psychology. This includes the ability to: a. Write essays and reports explaining theoretical orientations in clear and concise terms. b. Operationally define variables, vocabulary, and terms c. Relate theories, hypotheses, and research to the theoretical orientations.
- Integrate content knowledge, cognitive skills and technical proficiency in completing exams, term papers, presentations and other class assignments. (These cognitive skills include: learning, memory, logical thinking, problem-solving, decision-making, and critical thinking.) This includes the ability to: a. Write clear responses to essay questions without including extraneous information or omitting key information necessary to provide a clear, concise, college-level answer. b. Utilize test-taking skills such as critical analysis of information, test-time management and focused writing. c. Analyze the logic of a multiple-choice question and choose the correct response among related items. d. Use appropriate computer software, databases, and other technology to enhance knowledge.
- Evaluate psychological data, draw reasonable conclusions, recognize the ethical implications of these conclusions, and apply these conclusions to personal, community, and scientific problems. This includes the ability to: a. Conduct a thorough literature review b. Choose appropriate research design, methodology, and statistical analyses in support of a specific hypothesis c. Design and conduct a research study which may include the following techniques: observation, interviews, focus group, surveys, case studies, correlational and experimental designs. Collect data and keep organized records. d. Analyze and interpret data, draw appropriate conclusions and make recommendations. e. Reach and clearly express logical conclusions based on data. f. Relate, in presentations and/or in written reports, how psychological information is relevant to personal and community issues. g. Recognize the ethical implications of psychological research and the responsibility to use knowledge wisely.
- Apply psychological principles to the development of interpersonal, occupational and social skills and life-long personal growth. This includes the ability to: a. Understand the concept of self-, personal-, social-, and ethnic- identity, and its role in the development of self-esteem and morals. b. Recognize the dynamic interaction of relationships and how it affects our ability to be socially successful with peers, family, and genders. c. Understand how group processes affect behavior such as attribution theory, attitude formation, prejudice, stereotyping, conformity, compliance, and obedience
- Recognize the complexity of social, cultural, and international diversity and the principles of equity, justice and inclusion in their lives. This includes the ability to: a. Weigh evidence and develop an understanding of different perspectives (e.g. gender, cross-cultural, international). b. Demonstrate knowledge of ethical issues faced by psychologists. c. Reflect on one's own personal and professional values and biases by discussing and documenting dialogue, activities and interactions in journals, portfolios, and other documentation methods.

Psychology (PSYC)

PSYC 300 GENERAL PRINCIPLES 3 UNITS

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to the scientific study of human behavior. Topics include: scientific method, the biological basis of behavior, sensation, perception, consciousness, conditioning and learning, memory, cognition, developmental psychology, motivation, emotion, stress and health, personality, abnormal psychology, psychotherapy, and social psychology. Psychology 300 is 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 examines the biochemical, cellular, and organismal physiological substrates of normal and abnormal behavior. The course content focuses on interactions of the central nervous system, peripheral nervous system, endocrine and immune systems to produce consciousness, sensation, perception, thinking, motivation and emotion. These areas will be addressed within an evolutionary context that emphasizes developmental plasticity of the individual and the species. Current methods of obtaining data (e.g. neuroimaging techniques) will be examined and evaluated. Students will be required to perform anatomical identification of brain structures using a sheep's brain.

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 and PSYC 300 with grades of "C" or better

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course focuses upon the concepts and applications of descriptive and inferential statistics in psychology and other behavioral sciences. Topics include: descriptive statistics; probability and sampling distributions; parametric and nonparametric statistical methods, hypothesis testing, statistical inference and power; correlation and regression; chi-square; t-tests; and analysis of variance procedures. Application of both hand-computation and statistical software to data in a social science context will be emphasized to include the interpretation of the relevance of the statistical findings.

PSYC 335 RESEARCH METHODS IN PSYCHOLOGY 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.

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

This course is an introduction to the scientific 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. (University of California does not grant credit for PSYC 351 if PSYC 300 is also taken).

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. See "Cross-Listed Courses" in the catalog.

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 RELATIONS 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 368 CROSS CULTURAL PSYCHOLOGY 3 UNITS

Prerequisite: None.

Advisory: PSYC 300

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course explores the impact of cultural influences on the psychological and individual development of ethnic group members. Emphasis will be placed on integrating traditional theoretical approaches and current cross-cultural statistical research and theory in the study of African-Americans, Asian Americans, Hispanic Americans, Native Americans, gays & lesbians, the elderly, and the disabled.

PSYC 370 HUMAN DEVELOPMENT: A LIFE SPAN 3 UNITS

Same As: FCS 324

Prerequisite: None.

Advisory: ENGWR 101 or 103

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course will provide an overview of the physical, cognitive, social, and emotional development domains from conception through the end of life. Emphasis will be on examination of theoretical advances and empirical findings applicable to biosocial, psychosocial and cognitive human growth and development throughout the life span. Scientific findings from a range of disciplines will inform an integrated examination of theory and practice with long-term implications in mind. This course is designed to fulfill requirements for general education, Nursing degrees and the Psychology degree. This course is not open to students who have completed FCS 324.

PSYC 372 CHILD DEVELOPMENT 3 UNITS

Same as: ECE 312

Prerequisite: None.

Advisory: ENGWR 101 or 103; or ESLL 310, ESLR 320, and ESLW 320

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course will examine the physical, cognitive, social and emotional development of the child from the prenatal period through adolescence. Scientific findings and theoretical insights from a range of disciplines will inform an integrated examination of development during the childhood years. This course is designed to fulfill general education, Psychology degree, and Early Childhood Education requirements. This course is not open to those who have previously taken ECE 312 or FCS 312.

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
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DEGREE A.A. - Real Estate

CERTIFICATE OF ACHIEVEMENT
Real Estate Broker

CERTIFICATE OF RECOGNITION
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 salesperson; real estate broker; real estate appraiser; small business owner

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
- Business Law 340
- 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
- and two courses from the following group: *
 - Business Law 340
 - 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	Financial Accounting	4
BUS 300	Introduction to Business	3
BUS 310	Business Communication	3
BUS 330	Managing Diversity in the Workplace	3
BUS 340	Business Law	3
BUSTEC 302	Computer Keyboarding	2
CISC 310	Intro to Computer Information Science or	
	Three (3) units to include:.....	3
	CISC 300 Computer Familiarization - (1 unit) and	
	Two (2) additional units selected from:	
	CISA 300, CISA 320, CISA 330, CISA 340, CISA 350, CISC 320,	
	CISC 350	
	Plus three (3) units selected from the following:	
	ECON 302 Principles of Macroeconomics or	
	ECON 320/BUS 320 Concepts of Personal Finance	3
MKT 300	Principles of Marketing	3
Real Estate Option:		
RE 110	Legal Aspects of Real Estate	3
RE 120	Real Estate Practice	3
RE 130	Real Estate Finance	3
RE 140	Real Estate Appraisal.....	3
RE 190	Real Property Management	3
RE 300	Principles of Real Estate	3
TOTAL UNITS REQUIRED		45

Suggested Electives:
MGMT 362; MKT 310; RE 141, 150, 160, 161.

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.

The associate degree program in real estate focuses on the practical application and concepts utilized in real estate markets and career fields. Course work includes real estate principles, legal aspects, practice, finance, economics and appraisal

- Upon completion of this program, the student will be able to:
- identify and explain the major functional areas of real estate, including legal aspects, finance, economics, real estate practice and appraisal.
 - demonstrate leadership skills and abilities that are effective in a real estate environment.
 - analyze practical real estate problems.
 - integrate real estate principles related to finance, law, products, services and information.
 - assess current real estate market conditions.
 - recommend appropriate sales strategies, based on market conditions.
 - qualify for the California Real Estate Brokers and Salesperson license examinations.
 - utilize research and critical thinking to evaluate and recommend alternative solutions to real estate problems.

CERTIFICATE OF ACHIEVEMENT
Real Estate Broker

REQUIRED PROGRAM		Units
RE 110	Legal Aspects	3
RE 120	Real Estate Practice.....	3
RE 130	Real Estate Financing	3
RE 140	Real Estate Appraisal.....	3
RE 150	Real Estate Economics or	
ACCT 301	Financial Accounting.....	3-4
RE 190	Real Property Management.....	3
RE 300	Principles of Real Estate.....	3
Plus three (3) units selected from the following:		3
BUS 340; RE 141, 160, 161		
TOTAL UNITS REQUIRED		24-25

This certificate introduces students to advanced concepts of the real estate career field. Topics include the principles of real estate, law, economics, finance, practice and appraisal, property management, and real estate economics

Upon completion of this program, the student will be able to:

- apply advanced knowledge of the fundamental concepts of real estate-- including finance, investment, appraisal, property management, sales and construction—necessary to manage a real estate sales office.
- describe the relevant technical terminology, laws and regulations, and industry standards required in the real estate field.
- interpret and apply knowledge of the basic principles necessary in opening and staffing a residential real estate broker's office, including office management tools and techniques.
- qualify for the California Real Estate Broker's License Examination.
- apply advanced problem solving and leadership techniques needed to manage real estate transactions.

CERTIFICATE OF RECOGNITION

Real Estate Sales

REQUIRED PROGRAM	Units
RE 120 Real Estate Practice.....	3
RE 300 Principles of Real Estate.....	3
Plus three (3) units selected from:.....	3
RE 110, 130, 140, 190	
TOTAL UNITS REQUIRED	9

This certificate introduces the basic concepts of the real estate career field. Topics include the principles of real estate, law, economics, finance, practice and appraisal.

Upon completion of this program, the student will be able to:

- apply a basic knowledge of the fundamental concepts of real estate.
- define the technical terminology involved in the real estate field.
- interpret and apply a knowledge of real estate transactions.
- qualify for the California Real Estate Salesperson's License Examination.
- analyze real estate situations and property, interpret the data, and properly complete deposit receipts.

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

**ACADEMIC
COUNSELING**

 Folsom campus - 916-608-6500
 El Dorado Center - 530-642-5645
 Rancho Cordova Center - 916-255-0717

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, 420
 CHEM 400, 401
 ENGLWR 300, 301, 302
 PHYS 350, 360
 MATH 335, 350 (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 and 351 and a full year of organic chemistry (CHEM 420 and 421) 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, 430, 431; MATH 350, 351; PSYC 300; STAT 300; 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 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, 420, 430, 431
 CHEM 400, 401 or CHEM 305, 306
 PHYS 350, 360
 PSYC 300

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 PROGRAMUnits
 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

This 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.

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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 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

Hours: 18 hours LEC ; 54 hours LAB

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 with a grade of "C" or better

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 with a grade of "C" or better

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.

SILA 316 AMERICAN SIGN LANGUAGE 4 4 UNITS

Prerequisite: SILA 315 with a grade of "C" or better

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.

Social Science

ACADEMIC COUNSELING

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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.

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 PROGRAMUnits
Twenty-one (21) units must be completed from at least three different subject areas listed below:

Program subject areas:

Anthropology, Economics, Geography 310, 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

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.

Social Science (SOCSC)

SOCSC 338 NATIVE PEOPLES OF NORTH AMERICA 3 UNITS

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to the histories and cultures of various Native American groups. It is comparative in nature and examines the dynamics among Native Peoples, Anglos, Latinos, African Americans, and Asian Americans. Data is presented from both a historical and sociological context focusing on ethnocentrism, forced assimilation, and racism, as applied to America's forgotten minority, and to help the student develop a personal foundation of cultural tolerance.

SOCSC 360 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 view point 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. This course is the same as BUS 345, and only one may be taken for credit.

Sociology

ACADEMIC COUNSELING

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Sociology courses are concerned with the study of systems and how individuals live, work and interact within them. **Career options:** Sociologist; Social Worker; Instructor; Probation Officer; Employment Counselor; Urban Planner (some career choices may require courses beyond the Associate Degree). **Highlights:** 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 of present day American culture including a study of these causes and an evaluation of proposed solutions and methods of treatments. Special emphasis upon those problems which are local in nature.

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

Same As: GERON 300

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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 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: None.

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 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 Spanish is spoken and of Spanish-speakers' contribution to North American and world cultures.

SPAN 411 INTERMEDIATE SPANISH 4 UNITS

Prerequisite: SPAN 402 with a grade of "C" or better

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 1B. 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 with a grade of "C" or better; or placement through the assessment process.

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course will provide continued development of the Intermediate low and Intermediate Mid Level listening/speaking skills attained in 411 while helping the student work toward the Intermediate High level. The course will focus on development of written narratives and expository prose along with increased awareness of cultural concerns, norms values, and culture-specific customs and events, with emphasis placed on culturally authentic reading and writing through the introduction and application of basic literary analysis. The course will help develop the student's emerging ability to handle complicated situations, to discuss topics beyond immediate personal needs (e.g., current events, media, politics, values, history, traditions, social issues and customs), and to use forms indicating past and future time frames. The student will also acquire knowledge and an appreciation of the geography, culture and people of regions where Spanish is spoken and of Spanish Speakers' contributions to North American and world-wide culture.

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 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 425 ADVANCED READING AND CONVERSATION 3 UNITS

Prerequisite: None.

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

These courses are designed for those students interested in developing their leadership skills and participating in planning and organizing campus activities. They are open to all students. Student Government is recognized as the voice of the students, and students enrolling in this class are voting members of the Student Senate. They will also have the opportunity to serve on a variety of college committees and attend statewide leadership conferences.

Highlights

- Develop leadership skills by working with student activities, clubs and Student Government
- Participate on college committees to help develop and determine policy as it relates to student issues
- Attend leadership conferences and workshops
- Represent the student voice to the campus and community

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

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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.

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 302 HISTORY AND THEORY OF THE THEATRE I 3 UNITS

Prerequisite: None.

Advisory: ENGRD 112, ENGWR 300, and TA 300; or placement through the assessment process.

Course Transferable to UC/CSU

Hours: 54 hours lecture

Description: This course follows the development of the theatre arts from ancient Greece through the 17th Century. The history and evolution of theatre is studied in relationship to the socio-political and cultural conditions of the time. Plays will be read that exemplify major trends and prominent artists.

TA 303 HISTORY AND THEORY OF THE THEATRE II 3 UNITS

Prerequisite: None.

Advisory: ENGRD 112, ENGWR 300, and TA 300; or placement through the assessment process.

Course Transferable to UC/CSU

Hours: 54 hours lecture

Description: This course is a study of the principal types of twentieth century theatre. The historical and cultural environment in which significant trends and the plays that exemplify them were written will be examined. Plays will be read focusing on their relevance in history and their lasting impact upon contemporary audiences.

TA 320 CINEMA GENRES 3 UNITS

Same As: FMS 320

Prerequisite: None.

Advisory: ENGRD 112 and ENGWR 300

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is designed to explore in depth one or more motion picture genres. Special attention is paid to development, aesthetics, popularity and artists of the specific form. This course may be taken four times for credit if the subject matter is not repeated. See the Schedule of Classes for specific information. Not open to students who have received credit for FMS 320.

TA 331 FILM MAKING 3 UNITS

Prerequisite: FMS 300 with a grade of "C" or better

Course Transferable to CSU, UC pending

Hours: 36 hours LEC ; 54 hours LAB

This course covers contemporary methods of motion picture production, including low-budget cinema, with a concentration on the aesthetics of motion pictures. Stressed are techniques of direction, lighting, photography, editing, and other aspects of the motion picture theatre arts. Equipment and supplies for individual projects must be furnished by each student. Supplies and equipment are furnished for students working on group projects.

TA 339 SCREENWRITING 3 UNITS

Prerequisite: TA 300 with a grade of "C" or better

Advisory: ENGWR 101 or eligibility for ENGWR 300

Course Transferable to CSU, UC pending

Hours: 54 hours LEC

This course explores the motion picture theatre art of screenwriting. Students will view and analyze motion pictures, participate in exercises and workshops, compose a screenplay for a short film, and plot a feature-length professionally formatted screenplay.

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 344 IMPROVISATION AND THEATRE GAMES 2 UNITS

Prerequisite: None.

Course Transferable to CSU, UC pending

Hours: 18 hours LEC ; 54 hours LAB

This class introduces students to improvisational acting styles and theatre games for performance. Improvisation practice will focus on trust and confidence building, teamwork, self-expression, and creative facility. Students also will practice more advanced work in non-scripted performance through theatre games. This class culminates in a public performance.

TA 350 THEORY AND TECHNIQUES OF ACTING I 3 UNITS

Prerequisite: None.

Advisory: TA 300 and 340

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course explores contemporary concepts in scene study and the creation of a character for a modern realistic play. Students stage and perform memorized scenes from modern realistic plays in class.

TA 351 THEORY AND TECHNIQUES OF ACTING II 3 UNITS

Prerequisite: TA 350 with a grade of "C" or better

Course Transferable to UC/CSU

Hours: 54 hours lecture

Description: This course continues the exploration of contemporary concepts in scene study and the creation of a character for a modern realistic play begun in TA 350. Students stage and perform memorized scenes and monologues from modern realistic plays in class.

TA 356 ACTING FOR THE CAMERA I 3 UNITS

Prerequisite: TA 340 with a grade of "C" or better

Course Transferable to CSU, UC pending

Hours: 36 hours LEC ; 54 hours LAB

This is an introductory course in the theories and techniques of acting for the camera. This course compares the differences between acting on the stage and acting for the camera. Scenes and commercials will be rehearsed, performed, and critiqued.

TA 395 PLAYWRITING 3 UNITS

Prerequisite: TA 300 with a grade of "C" or better

Advisory: ENGWR 101 or eligibility for ENGWR 300

Course Transferable to CSU, UC pending

Hours: 54 hours LEC

This course explores the writing, reading, performing, and critiquing of original plays for the theatre. Students will write plays and revise their work continually throughout the semester. Plays written by students will be read, performed, and discussed in class. Students will complete a full-length play by the end of the semester.

TA 452 ONE-ACT PLAY WORKSHOP 3 UNITS

Prerequisite: TA 340 with a grade of "C" or better.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This class explores the play production process. Class members collaborate in the analysis, preparation and production of one-act plays through participation as either directing writers, actors or technicians. The process culminates in public performances.

TA 461 REHEARSAL AND PERFORMANCE - DRAMA .5-3 UNITS

Prerequisite: None.

Enrollment Limitation: Audition or Interview

Course Transferable to UC/CSU

Hours: 27-162 hours LAB

This course provides a workshop-style training experience in the preparation and performance of a dramatic theatre production. Prospective student actors audition for roles in the production. Prospective student designers, technicians, artisans, managers, and administrators interview for positions on the design team and production staff. This course may be taken four times for credit.

TA 462 REHEARSAL AND PERFORMANCE - COMEDY .5-3 UNITS

Prerequisite: None.

Enrollment Limitation: Audition or Interview

Course Transferable to UC/CSU

Hours: 27-162 hours LAB

This course provides a workshop-style training experience in the preparation and performance of a comedic theatre production. Prospective student actors audition for roles in the production. Prospective student designers, technicians, artisans, managers, and administrators interview for positions on the design team and production staff. This course may be taken four times for credit.

TA 465 REHEARSAL AND PERFORMANCE - MUSICAL .5-3 UNITS

Prerequisite: None.

Enrollment Limitation: Audition or Interview

Course Transferable to CSU, UC pending

Hours: 27-162 hours LAB

This course provides a workshop-style training experience in the preparation and performance of a musical theatre production. Prospective student actors, dancers, and musicians audition for roles in the production. Prospective student designers, technicians, artisans, managers, and administrators interview for positions on the design team and production staff. This course may be taken four times for credit.

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

Viticulture (VITI)**VITI 499 EXPERIMENTAL OFFERING IN VITICULTURE .5-4 UNITS**

Prerequisite: None

Course Transferable to CSU

Hours: 72 hours LEC ; 108 hours LAB

Work Experience (Co-op) Education

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6500
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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.

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	Early Childhood Education
Environmental Technology	Fire Technology
Health Education	Horticulture
Human Services	Management
Marketing	Photography
Theatre Arts	

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) 608-6552.

Work Experience (WEXP)

WEXP 198 WORK EXPERIENCE - GENERAL 1-3 UNITS

Prerequisite: None.

Hours: 18 hours LEC ; 300 hours LAB

General Work Experience 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.

WEXP 298 WORK EXPERIENCE IN (SUBJECT) 1-4 UNITS

Prerequisite: None

Hours: 18 hours LEC ; 300 hours LAB

Provides students with the opportunities to develop or add marketable skills related to their vocational study programs.

WEXP 498 WORK EXPERIENCE IN (SUBJECT) 1-4 UNITS

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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

Lori Rianda
Director, College Advancement

Aiden Ely
Dean, Student Development and Enrollment Management

Monica Flores
Dean, Instruction

Gary Hartley
Dean, Instruction & Technology

Dale van Dam
Dean, Instruction, El Dorado Center

Stuart Van Horn
Dean, Instruction, Career & Technical Education

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
M.Sc., University of Witwatersrand, South Africa;
Ph.D., University of British Columbia, Canada

ALEXANDER, John E. (1997)

Instructional Programs Coordinator and English Instructor
B.A., The 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. (1976)

Physical Education
B.A., M.A., CSU, Sacramento

BJERKE, Ann Lynn (2006)

English as a Second Language
B.A., CSU, Sacramento; M.A., UC, Davis; M.A., CSU, Sacramento

BOYLAN, KC (1994)

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

CHIANG-YAMADA, Michelle (2001)

Mathematics
B.A., UC, Berkeley; M.A.T., UC, Davis

CHURCH, Kristi P. (1989)

Work Experience Coordinator/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

DAVIS WORTH, Debi (2007)

Dance, Physical Education
B.A., UC, Irvine; M.A., University of Surrey, England

DELGADO, Lydia (2007)

Counselor
A.A., Cerritos College; B.S., CSU, Fullerton; M.S., CSU, Long Beach
DICICCO, Anthony (2006)
Administration of Justice
A.S., Santa Rosa Junior College; B.A., CSU, Sonoma;
M.A., University of Phoenix

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

ELY, Aiden (2007)

Dean, Student Development & Enrollment Management
B.S., George Williams College; M.A., Chapman University

FANNON, Sean (2007)

Psychology
B.A., The Catholic University of America; Ph.D., Duke University

FLETCHER, Francis (2001)

English
B.A., M.A., CSU, Sacramento

FLORES, Juan J. (2004)

Counselor, EOP&S/CARE/CAIWORKS 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

GIBSON, Bernard (2005)

Business, Marketing, Management, Diversity
B.P.A., University of Mississippi; M.B.A., University of San Francisco

GREENE, Calvin D. (1992)

Mathematics
B.S., Louisiana State University; M.S., M.A., UC, Davis

- HALE, Daniel (2008)
Astronomy/Physics
B.S., Sonoma State University; M.S., Michigan State University
- HANSEN, Mary (2008)
College Nurse
B.S.N, CSU, Sacramento; M.S.N., Dominican University of CA
- HARRELL, Kimberly (2001)
Physical Education
B.A., M.A., UC, Davis
- HARRIS, David (2007)
Theatre Arts
B.F.A., University of Illinois, Urbana-Champaign; M.F.A., UC, San Diego
- HARTLEY, Gary (2004)
Dean, Instruction & Technology
B.A., Trinity College; M.A., Trinity Evangelical Divinity School; A.B.D., Northern Illinois University
- HAUG, Paula (2007)
Communication Studies
B.A., M.A., CSU, Fresno
- 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
- HODGE, Jessica (2007)
Nutrition
B.A., Ohio Wesleyan University; M.S., Ph.D., Tufts University
- HOLMSEN, Ellen C. (2000)
Counselor
A.A., San Francisco City College; B.A., University of San Francisco; M.S., CSU, Sacramento
- HOLZBERG, Steve (2006)
Biology
B.S., UC, Irvine; Ph.D., UC, Berkeley
- 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
- KISS, Boglarka (2007)
Music
B.A., Whittier College; M.F.A., UC, Irvine
- KRAEMER, Jennifer L. (2002)
Early Childhood Education
B.A., CSU, Stanislaus; M.A., CSU, Sacramento
- KROENCKE, Mikael (1999)
Mathematics, Physics
M.A., San Francisco State University; M.S., B.S., UC, Davis
- LAM, Gordon (2001)
History
B.A., Hardin-Simmons University; M.A., University of Kansas; Ed.D., University of La Verne
- LARRY KEARNEY, Debora (2001)
English
B.A., Carroll College; M.A., CSU, Sacramento
- LELAND, Kathryn Ann (1988)
English/Reading/Writing
A.A., Yuba Community College; B.A., M.A., CSU, Sacramento
- LENNERT, Michelle (2002)
American Sign Language Studies
B.A., Gallaudet University, Washington, D.C.
- LOPEZ, Carlos (2002)
Spanish
B.A., M.A., UC, Davis
- LORIMER, Susan L. (1987)
Vice President for Instruction
B.S., UC, San Francisco; M.S., CSU, Sacramento; Ed.D., Oregon State University
- MACIAS-PEREZ, Elvia (1989)
Spanish
B.A., M.A., CSU, Sacramento; Ph.D., University of Guadalajara, Mexico
- MADDEN, Michelle (2003)
Counselor
B.A., M.S., CSU, Sacramento
- MALLOY, Linda W. (1985)
English/Reading/Writing
B.A., UC, Berkeley; M.A., CSU, San Francisco
- McFAUL, Steve (2007)
Mathematics
B.A., UC, Davis; M.S., CSU, Hayward
- McHARGUE, Tim (2004)
Counselor, DSPS Coordinator
B.A., M.S., CSU, Sacramento; Ed.D., University of the Pacific
- MENDELL, Rebecca (2007)
Librarian
B.A., UC, Davis; M.L.I.S., San Jose State University
- METCALF, Larry (2005)
Music
B.M.E., Wichita State University; M.M., Northern Illinois University
- MONTGOMERY, Tammy L. (1997)
Humanities, Philosophy
A.A., Cosumnes River College; B.A., M.A., CSU, Sacramento
- MORAGA, Juan Carlos (1999)
Spanish
B.A., M.A., University of Northern Iowa
- MORENO, Deborah D. (1993)
History
B.A., M.A., CSU, Sacramento
- NOLDON, Denise (2004)
Vice President, Student Development and Enrollment Management
B.A., M.S., CSU, Long Beach; Ph.D., University of Maryland, College Park
- OBERTH, Christa (1998)
Chemistry
B.S., Ph.D., UC, Davis; M.S., CSU, Sacramento
- OLSEN, Marc (2007)
Mathematics
B.S., CSU, Chico; M.A.T., UC, Davis
- OLTS, H. Wayne (1999)
Anthropology
B.A., M.A., UC, Santa Barbara
- PENDER, Sarah (1982)
Human Services/Gerontology/Psychology/Sociology
B.A., UC, Riverside; M.A., CSU, Chico; Ed.D., University of Pacific
- PERALTA, Marsha (2005)
Early Child Education
B.A., CSU, Sacramento; M.A., Pacific Oaks
- PIETROMONACO, Dean (2000)
Mathematics
M.A., UC, Davis
- PIPKIN, Kevin (2005)
Mathematics
B.S., M.S., CSU, Hayward
- PITTMAN, Jason (2006)
Geography/Geology
B.A., UC, Davis; M.S., Oregon State University
- REESE, David (2004)
Political Science
B.A., UC, Santa Barbara; M.A., San Diego State; Ph.D., Colorado State University

- REESE, Shawn (2003)
Chemistry
A.A., Glendale Community College, Arizona; B.S., Ph.D., Brigham Young University
- RITZI-MAROUF, Viviane (1999)
French/Spanish
B.A., Brigham Young University; M.A. (French and Spanish), UC, Davis
- ROBINSON, Brian (2000)
English
B.A., M.A., CSU, Sacramento
- ROGERS, Sherry M. (1996)
Biology
B.S., M.A., UC, Riverside
- ROSS, Daniel G. (1999)
Computer Science, Engineering
B.S.M.E., CSU, Fresno; M.S.B.M.E., M.S.C.S., CSU, Sacramento
- ROYER, Tina (2007)
English
B.A., M.A., CSU, Sacramento
- SAMPLES, Marjorie (2005)
Chemistry
B.A., Franklin & Marshall College; Ph.D., Stanford University
- SAPRA, Lisa (2007)
English
A.A., Orange Coast College; B.A., M.A., CSU, Long Beach
- SAYAGO, Marisa (1999)
Art
B.F.A., W. Texas A&M University; M.F.A., University of No. Texas
- SCOTT-SKILLMAN, Thelma (1998)
President
B.A., M.S., CSUS, Hayward; Ed.D., Nova University
- SHIRLEY, John A. (1997)
Computer Information Science
B.B.A., M.B.A., M.S.-Ed., National University, Sacramento
- SMITH, Carolyn (2000)
Business Management
M.A., National University
- SNELL, Kenneth L. (1987)
Psychology
A.A., Golden West College; B.A., M.S., CSU, Fullerton; M.A., CSU, Sacramento
- SWITHENBANK, Elizabeth (2007)
Business Technology
B.S., Santa Clara University; M.B.A., Golden Gate University
- TARRER, Rod (2001)
Counselor
A.A., Cuesta College; B.S., Cal Poly; M.A., CSU, Sacramento
- TELLES, James (2003)
Librarian
B.A., M.A., CSU, Sacramento; M.L.I.S., San Jose State University
- TEXTOR, Alice (2001)
Student Life, Physical Education
B.A., Western Washington University; M.S., University of Arizona
- THIESSEN, Stacia S. (1999)
Librarian
B.S., Morningside College; M.L.I.S., San Jose State University
- TINOCO, Diana Chang (2005)
English as a Second Language
A.A., Sacramento City College; B.A., UC, Davis; M.A., Columbia International University
- TORREZ, Matt (2001)
Physical Education
B.S., M.A., CSU, Fresno
- TRIEU, LeLe (2007)
Mathematics
B.S., Cal Poly, San Luis Obispo; M.A., CSU, Sacramento
- VAN DAM, Dale (1997)
Dean of Instruction, El Dorado Center
B.A., UC, Santa Barbara; M.S., University of Utah
- VAN HORN, Stuart (2005)
Dean of Instruction, Career & Technical Education
A.A., Orange Coast College; B.S., University of Great Falls; Me.D., Azusa Pacific University; Ed.D. A.B.D., University of Phoenix School of Advanced Studies
- VAN ROOYAN, Barbara A. (1991)
Counselor
B.A., UC, Berkeley; M.S., University of La Verne
- WADA, Eric (2007)
Biology
B.A., B.S., UC, Berkeley; A.B.D., UC, Davis
- WILLSON, Jamie G. (1990)
Physical Education/Computer Information Science
B.A., CSU, Chico; M.A., M.S., CSU, Sacramento

Classified Staff

ALDEA, Sarah
Outreach
Folsom campus

ANDERSON, Jae
Instructional Services
Folsom campus

ANDERSON, James "Andy"
Receiving
Folsom campus

AQUINO, Adrienne
Administrative Services
El Dorado Center

BAHNS, Candace
Instructional Support Services
El Dorado Center

BARNES LIGUORI, Kathy A.
Printing/Mailroom Services
Folsom campus

BATTERSHELL, Matthew
Public Information
Folsom campus

BIELEFIELD, Von
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El Dorado Center

BROWN, Gayle
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COLBERT, Anthony
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CONANT, Ron
Custodial Services
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COYKENDALL, Michelle
Distance Education/AV Services
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CROW, Scott
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ERICKSON, Diana
Administrative Services
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FALLS, Bev
Counseling Services
El Dorado Center

FRAME, Kristin
College Advancement
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FRANCO, Rochelle
Admissions & Records
Folsom campus

FREILING, Bill
Custodial Services
El Dorado Center

GEORGE, Tanya
Learning Resources
Folsom campus

GILLIGAN, Bob
Maintenance
El Dorado Center

GILMER, Karen
Administrative Services
Folsom campus

GOFF, Thomas
Instructional Support Services
Folsom campus

GOODMAN, Pat
Custodial Services
Folsom campus

GOSAL, Bobby
Extended Opportunity Programs and Services
Folsom campus

GUZZI, Kathy
Bookstore
Folsom campus

HABIB, Afshan
Instructional Services
Folsom campus

HANEY, Brenda
Business Services
El Dorado Center

HANSEN, Hugh
Custodial Services
Folsom campus

HARMAN, Joany
Business Services
Folsom campus

HART, Kristy
Public Information
Folsom campus

HEILAND, Joyce
Admissions & Records
Rancho Cordova Center

HEMMENWAY, Tracy
Admissions & Records
El Dorado Center

HENDRICKS, Tess
Instructional Support Services
Folsom campus

HESTER, John
Custodial Services
Folsom campus

HILL, Sarah
Instructional Support Services
Folsom campus

HILL, Ward
Distance Education/AV Services
Folsom campus

HINDI, David
Distance Education/AV Services
Folsom campus

HOSLEY, Robert
Custodial Services
Folsom campus

HYDER, Renee
Student Services
Folsom campus

JACKSON, Don
Receiving
El Dorado Center

JENNINGS, Gina
Instructional Support Services
El Dorado Center

JOHNSON, Colleen
College Operations
Folsom campus

KELLY, Laura
Printing/Mailroom Services
Folsom campus

KRAFT, Lota
Custodial Services
Folsom campus

LANGFORD, Becky
Bookstore
El Dorado Center

LEWIS, Jeff
Information Technology Services
Folsom campus

LIST, Gayle
Learning Resources
El Dorado Center

MARUSICH, Gennadiy
Information Technology Services
Folsom campus

McDONALD, Zhrinna
Financial Aid
Folsom campus

MELTON, Karen
Business Services
Folsom campus

MEROUX, Linda A.
Instructional Support Services
Folsom campus

MILLER, Travis
Maintenance
Folsom campus

MONTEZ, Dominic
Custodial Services
El Dorado Center

MORRIS, Roger
Information Technology Services
Folsom campus

MULLIGAN, Robert
Bookstore
Folsom campus

MULLIGAN, Terry
Custodial Services
Folsom campus

NIELSEN, Ruth
Instructional Services
Folsom campus

NORTHROP, Jeanne
Instructional Services
Folsom campus

OLSON, Chris
Institutional Research
Folsom campus

OWENS, Colin
Bookstore
Folsom campus

PADASH, Ali
Financial Aid
Folsom campus

PALOMARES, Karen
Extended Opportunity Programs and Services
Folsom campus

PARRISH, Denise
Financial Aid
Folsom campus

RETTTER, Evelyn
Admissions & Records
El Dorado Center

RIANDA, Lori
College Advancement
Folsom campus

RHOADS, Nicole
Admission & Records
Rancho Cordova Center

ROCCO, Deborah
Child Development Center
Folsom campus

RUSSO, Renee
Instructional Services
Folsom campus

SAH, Tasneem
Disabled Student Programs and Services
Folsom campus

SANTORO, Linda
Instructional Services
Folsom campus

SHANE, Vonnie
Instructional Services
El Dorado Center

SIRACUSA, Dawn
Student Services
Folsom campus

SMALL, Kim
Information Technology Services
Folsom campus

SOSA, Kirk
Information Technology Services
Folsom campus

SPRINKEL, Beth
Assistant to the President
Folsom campus

SWANSON, Mary
Business Services
Folsom campus

TAKEMOTO, Darren
Instructional Support Services
El Dorado Center

THOMAS, Carol
Financial Aid
Folsom campus

TOLEDO, Kim
Extended Opportunity Programs and Services
El Dorado Center

TRAN, Van
Instructional Support Services
Folsom campus

VANEGAS, Clementina
Custodial Services
El Dorado Center

WEBB, Kevin
Instructional Support Services
Folsom campus

WHITE, Anne
Institutional Research
Folsom campus

WHITNEY, Deborah A.
Child Development Center
Folsom campus

WILLIAMS, Angie
Instructional Support Services
Folsom campus

WOFFORD, Edgar
Custodial Services
Folsom campus

WURZER, Christine
Admissions & Records
Folsom campus

ZWERENZ, Kim
Instructional Support Services
El Dorado Center

ZSCHOKKE, John
Instructional Support Services
Rancho Cordova Center

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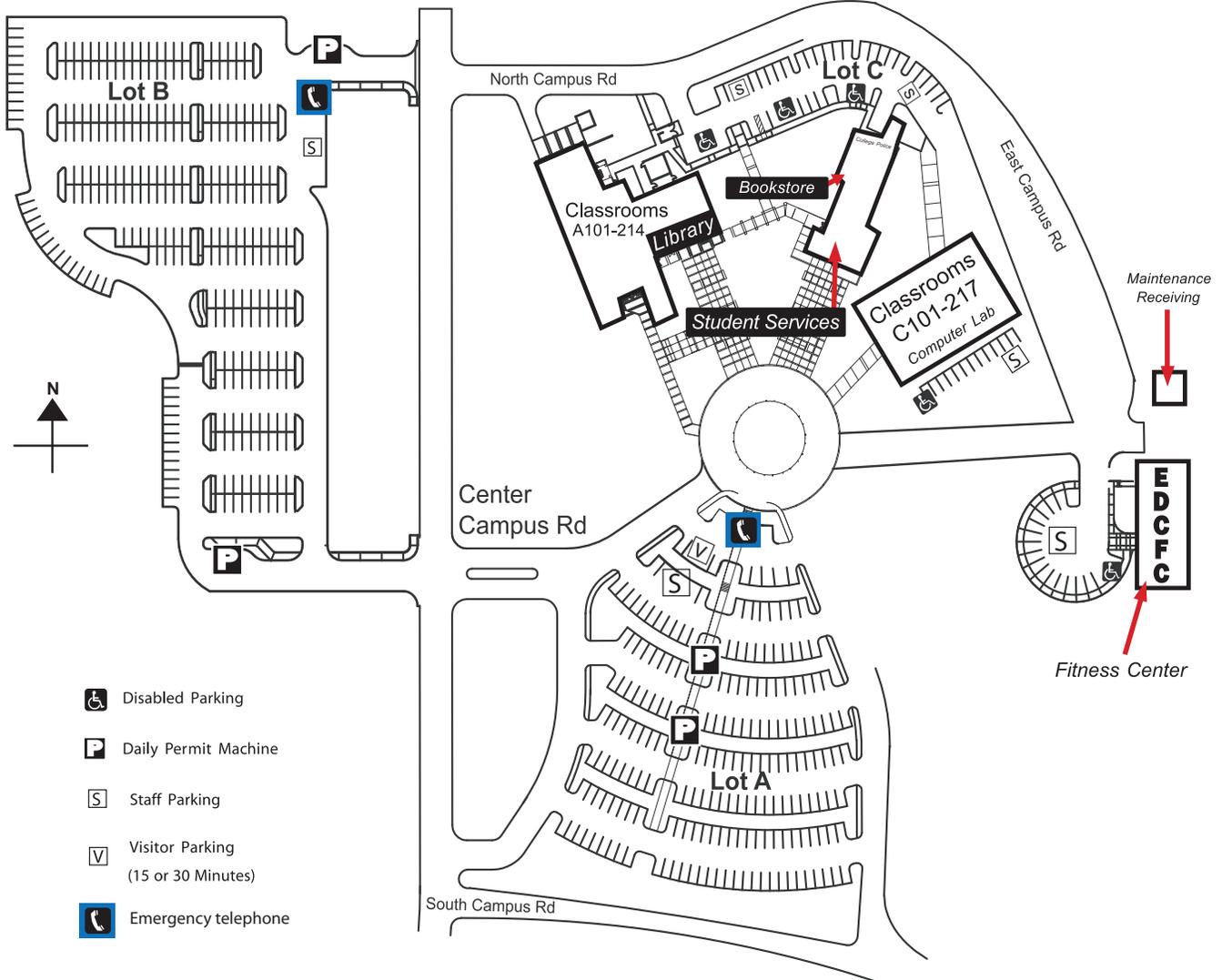
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The El Dorado Center

6699 Campus Drive, Placerville, CA 95667
530-642-5644

 Cameron Park Rotary Club
Community Observatory



-  Disabled Parking
-  Daily Permit Machine
-  Staff Parking
-  Visitor Parking (15 or 30 Minutes)
-  Emergency telephone

El Dorado Center Legend

Building 1
Classrooms A101-214
Library

Building 2
First Floor
Admissions
Assessment
Bookstore (B-126)
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
Faculty offices
Outreach (B-232)

Building 3
Classrooms C101-214
First Floor
Art studio (C-105)
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

Directions

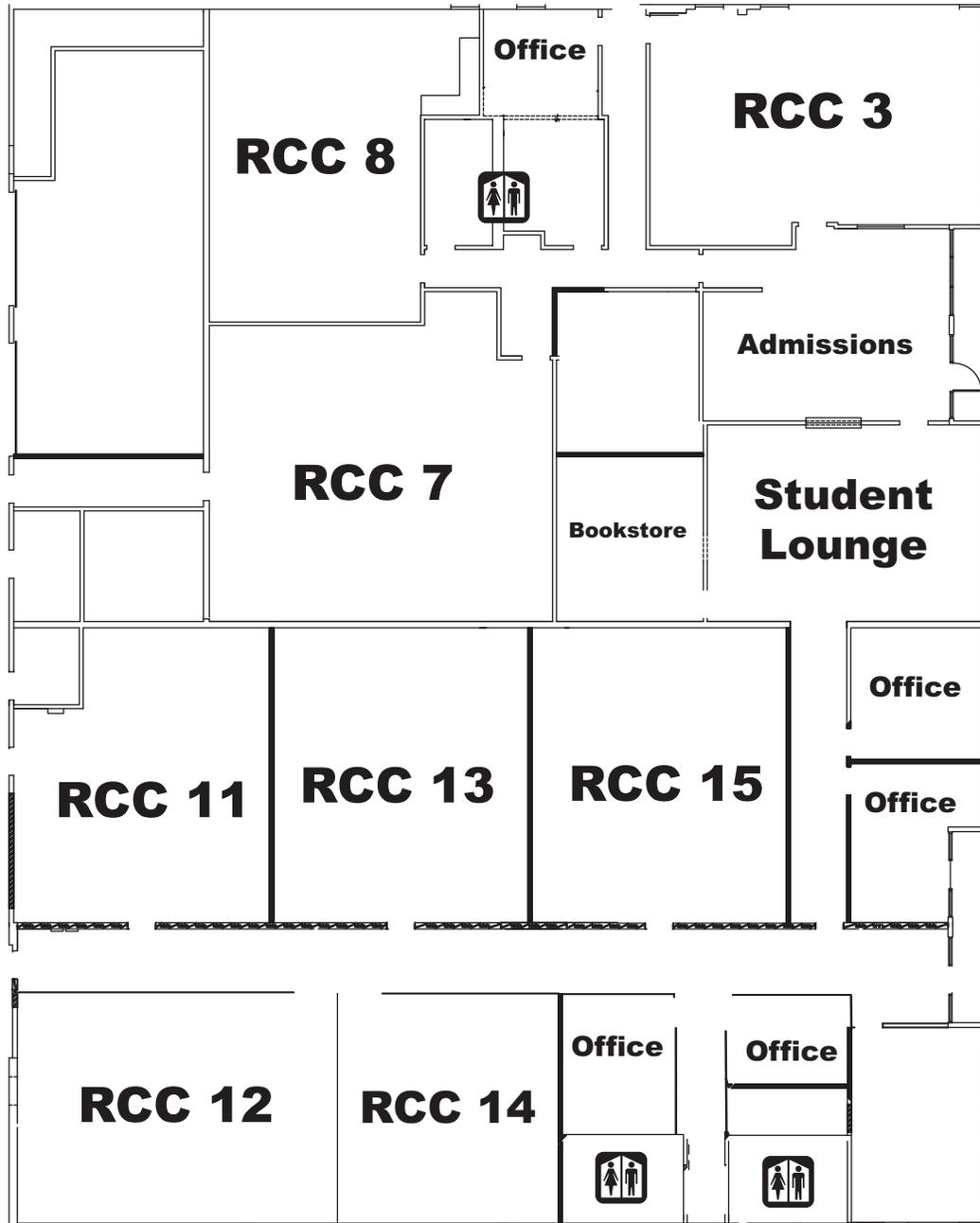
From the Sacramento area, take Highway 50 east towards Placerville. Take the El Dorado Road exit and turn left at the first stop sign off the highway. Continue on this road for 1.3 miles. Turn left at the first traffic signal (this is Missouri Flat Road). Continue on Missouri Flat Road (which becomes Green Valley Road) for 1.5 miles. Turn right on Campus Drive, which is just past the El Dorado County Office of Education and Elementary School.

From the Lake Tahoe area, take Highway 50 west towards Sacramento. Take the El Dorado Road exit and turn right at the first stop sign off the highway. Continue on this road for 1.3 miles. Turn left at the first traffic signal (this is Missouri Flat Road). Continue on Missouri Flat Road (which becomes Green Valley Road) for 1.5 miles. Turn right on Campus Drive, which is just past the El Dorado County Office of Education and Elementary School.

Parking is available throughout the campus (\$1 daily parking pass).

The Rancho Cordova Center

10378 Rockingham Drive
916-255-0717



DIRECTIONS

From the Sacramento area, take Highway 50 east towards Folsom. Take the Mather Field Road exit. Turn right at the first traffic signal off the highway. Turn right at the first traffic signal (Rockingham Drive). Get in the left lane on Rockingham for 0.2 miles. Turn left into the shopping center on your left just before the first traffic signal. The Center entrance is in the last building on the left.

From the Lake Tahoe area, take Highway 50 west towards Sacramento. Take the Mather Field Road exit. Turn left at the first traffic signal off the highway. Go over the highway and get in the right lane. Turn right at the second traffic signal (Rockingham Drive). Continue on Rockingham for 0.2 miles. Turn into the shopping center on your left just before the first traffic signal. The Center entrance is in the last building on the left.

The Main Folsom Campus

Welcome to the Folsom Lake College main campus
 10 College Parkway, Folsom CA 95630; 916-608-6500; www.flc.losrios.edu



QUICK REFERENCE GUIDE

Aspen Hall/FL1 Admissions & Records Classrooms First floor: FL1 07-110 Second floor: FL1 203-208 Community Room (FL1 20) Computer Lab Counseling DSPS EOP&S Financial Aid Innovation Center Library Offices	Buckeye Hall/FL3 Large Lecture Hall (FL3 173) Classroom FL3 165	Falcon's Roost Bookstore Cafeteria College Police (lower level) Cyber Cafe/Java City Student Government (lower level)
Cypress Hall/FL2 Classrooms First floor: FL2 107-159 Second floor: FL2 208-246 Offices	Dogwood Hall/FL4 Classrooms First floor: FL4 121-137 Second floor: FL2 219-239 Offices	College Administration Business Services Campus Operations Foundation/Advancement President/Administration Public Information Office
Lilac Hall/FL5 Classrooms Lower level: FL5 09-14 First floor: FL5 109-113 Second floor: FL5 209, 211	FLP Child Development Center Classrooms FLP 5, 10, 16 PE locker rooms	Campus Services Custodial Maintenance Printing/Mail Receiving E = Elevator

