A Word from the President

Welcome to Folsom Lake College!

I am pleased that you have made Folsom Lake College your choice to pursue higher education. Our college and its centers—El Dorado and Rancho Cordova—are safe, supportive, stimulating, and challenging learning environments that will nurture your ability to gain the necessary skills to meet your life goals.

This year marks an historic milestone for Folsom Lake College. A team of professional educators representing the Western Association of Schools and Colleges (WASC) recently reviewed the college and centers. The team examined evidence of planning, research, outcome measures, collegial relationships, and institutional effectiveness of a comprehensive college. This review was to determine whether our institution met or exceeded the standards of accreditation.

I am very pleased to announce that Folsom Lake College had a successful review. The Accrediting Commission granted initial accreditation, enabling the Los Rios Community College District to publicly recognize its fourth comprehensive community college: Folsom Lake College and its El Dorado and Rancho Cordova Centers.

Accreditation provides formal recognition of our ability to meet the education mission, vision, and goals of our institution. During the past decade faculty, staff, and students in our district have been working diligently to address the necessary eligibility requirements for our institution to be accredited as an institution of higher education separate from Cosumnes River College.

We are very proud of our accomplishments thus far. The accrediting process validates our delivery of quality education and services to our students.

Folsom Lake College provides access to affordable, high-quality education that features innovative programs and supportive services thanks to the dedication of faculty, support staff, administrators, Foundation and Patrons members, alumni, and community supporters. We are fortunate that our surrounding communities passed a local bond to build a state-of-the-art community college for the 21st century that allows us to extend educational opportunity beyond the physical boundaries of our classrooms via a cutting-edge distance education program that allows students to take courses on the Internet.

I thank everyone who resides in the Rancho Cordova, Folsom, El Dorado, and Placerville communities for your invaluable contributions in creating a vibrant college that is dedicated to providing access to higher education to all the citizens in our community.

Sincerely,

Thelma Scott-Skillman, Ed.D.
President
A Word from the Chancellor

Dear Student,

It is a pleasure to welcome you to Folsom Lake College and its El Dorado and Rancho Cordova Centers.

As a result of Folsom Lake receiving initial accreditation, this is the first time the College has produced its own catalog. It is quite a milestone. If you are a new student, you could be among the first to be awarded a degree or certificate from our new fourth college—Folsom Lake.

I just want you to know that you have chosen a great place to study. The faculty and staff at Folsom Lake are committed to your educational success and to providing you with the best educational opportunity available anywhere.

It has taken more than ten years and countless dedicated people to make Folsom Lake College a reality. I would be remiss if I didn’t thank at least a few of them, including current and past members of our Board of Trustees and two past Los Rios chancellors in particular, Marjorie Blaha and Tom Van Groningen.

Finally, I also want to thank the residents and business and community leaders of Folsom who have supported Folsom Lake College since it was little more than a vision. Your continued support means so much to the faculty and staff of FLC and to the entire Los Rios District.

Again, I welcome you to an outstanding institution. You have chosen well.

Sincerely,

Brice W. Harris, Chancellor
Los Rios Community College District
ACADEMIC CALENDAR 2004 – 2005

SPRING 2004 SEMESTER  

January 19  Holiday – college closed (Dr. Martin Luther King’s Birthday)
January 20  Instruction begins
February 13  Holiday – college closed (Lincoln’s birthday)
February 16  Holiday – college closed (Washington’s birthday)
March 5  Graduation Petition Deadline
April 5 – 11  Spring Recess
May 1  Last day to drop full-semester classes
May 25  Commencement
May 26  End of Semester
May 31  Holiday – college closed (Memorial Day)

SUMMER 2004 SESSION  

June 7  Instruction begins for 1st session
June 18  Graduation Petition Deadline
June 21  Instruction begins for 6-week / 2nd session
July 2  End of 4-week / 1st session
July 5  Holiday – college closed (Independence Day)
July 16  End of 6-week / 2nd session
July 29  End of 4-week / 2nd session / 8-week session / 6-week / 2nd session

FALL 2004 SEMESTER  

August 16  Instruction begins
September 6  Holiday – college closed (Labor Day)
October 1  Graduation Petition Deadline
November 12  Holiday – college closed (Veteran’s Day)
November 20  Last day to drop full-semester classes
November 25 – 26  Holiday – college closed (Thanksgiving)
December 17  Semester Ends
December 20 – 30  Winter Recess
January 3 – 12  Semester Break

SPRING 2005 SEMESTER  

January 17  Holiday – college closed (Dr. Martin Luther King’s Birthday)
January 18  Instruction begins
February 18  Holiday – college closed (Lincoln’s birthday)
February 21  Holiday – college closed (Washington’s birthday)
March 4  Graduation Petition Deadline
March 21 – 27  Spring Recess
April 30  Last day to drop full-semester classes
May 25  End of Semester
May 30  Holiday – college closed (Memorial Day)

INTENT AND REVISION OF REGULATIONS

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.  

January 2004
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**LOS RIOS COMMUNITY COLLEGE DISTRICT**

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FOLSOM LAKE COLLEGE 2004 - 2005
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ABOUT OUR COLLEGE

Folsom Lake College (FLC) is the fourth community college established in the Los Rios Community College District (LRCCD) within the Sacramento region. Its name is derived from the beautiful Folsom Lake which is a major part of historic Folsom. The main campus is located in the eastern Sacramento region at the base of the Sierra foothills along the Highway 50 corridor, which weaves its way through the mountains toward Lake Tahoe. The college’s outreach programs at its El Dorado and Rancho Cordova Centers serve the outlying population in eastern Sacramento County and El Dorado County.

When completed, the college is expected to serve 15,000-20,000 students. It encompasses a 151-acre parcel deeded to the LRCCD in 1967. At its January 1991 meeting, the Board of Governors approved a Long-Range Capital Outlay Growth Plan identifying the design and development of a comprehensive, state-of-the-art institution.

The first phase of permanent facilities funded through the State opened for classes in Fall 2001. The second and third phases, funded with both state and local bonds, will be ready for occupancy in Fall 2005 and Fall 2006, respectively. When completed, the college, equipped with the latest technology possible, will have over 500,000 square feet of instructional classrooms, laboratories for science, art, interdisciplinary studies, and computer sciences, faculty and staff offices, performing arts complex, bookstore, cafeteria, physical education facilities, and a community center. The transformation of an education center that began in 1993 in portables is fast becoming a reality for hundreds of employees and citizens throughout this region.

The new college combines the most successful educational strategies practiced throughout the United States and makes student learning the institutional focus. The college is committed to excellence in education in a student-centered environment where quality higher education is combined with individualized attention. A professional faculty and staff are readily available to meet students’ educational needs. All of these activities are based on a framework of principles and values. The framework includes the Los Rios Community College District’s values and the college’s vision and mission.

**LOS RIOS COMMUNITY COLLEGE DISTRICT VALUES**

| Student Success | Financial Stability |
| The Contributions of All Our Members | Democratic Practices |
| Collegiality | Lifelong Learning |
| Diversity | Academic Rigor |
| Informed and Decentralized Decision Making | Relationships |
| Measured Risk Taking | Economic Development of the Community |
| Blame-Free Culture | Excellence |
| Serving the Community | Access |

**FOLSOM LAKE COLLEGE MISSION STATEMENTS**

- Introduce students to those broad areas of human knowledge and understanding that contribute to purposeful and meaningful lives.
- Inspire and prepare students through rigorous academic programs that facilitate completion of Associate degrees and certificates; encourage transfer to a higher learning institution; and provide education and training to prepare students for employment or to enhance career skills.
- Provide curriculum and instruction that will promote the participation and success of all students.
- Provide opportunities for lifelong learning and professional growth and development through the college-wide community.
- Provide a comprehensive student support program that will promote the success of all students.
- Create and maintain a cooperative environment that reflects and honors the diverse backgrounds, perspectives, abilities and interests of individual students and our communities.
- Facilitate a cooperative community relationship by working in partnership with schools, colleges and universities, community groups, local government, business and industry.
- Provide an innovative educational environment.

**FOLSOM LAKE COLLEGE VISION STATEMENT**

Folsom Lake College is a learning community committed to pursuing excellence and inspiring student achievement. We provide quality educational programs and services to enrich and empower students to reach their full potential as informed and productive members of the community. We are an educational organization that embraces change, values diversity, and focuses on creativity, skill building and personal enrichment.
EL DORADO CENTER

The El Dorado Center of Folsom Lake College was established in 1965 as a state-funded education center and was located in several portable buildings on El Dorado County land next to the county fairgrounds. Because of the continued enrollment growth at the center, and the keen interest and desire of the citizens of the Greater Placerville area to have a permanent community college center in Placerville, the Los Rios Community College District Board of Trustees authorized the purchase of approximately 19 acres of land from the El Dorado Board of Education. The site was approved by the California Community Colleges and the State of California for a permanent site in 1988. Construction of the first phase of permanent facilities was completed in the spring of 1994 and opened for classes in August 1994. A physical education building was completed and opened for classes in January 1999. An additional parking lot opened in fall of 2003. In addition, a second instructional building will be available for occupancy by Fall 2005.

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

RANCHO CORDOVA CENTER

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

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.
ABOUT OUR PROGRAMS

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

ASSOCIATE DEGREES AND CERTIFICATES

Folsom Lake College offers training needed to qualify students for a well-paying job with room for advancement. Students majoring in a two-year curriculum and planning to graduate with an Associate in Arts or Science degree must complete the general education requirements. Certificate programs have been developed to assist those already employed in business and industry or those who desire to upgrade their skills or acquire special training. Career vocational programs are offered in many areas that employers need. Areas of vocational (occupational) education include technical trades, health occupations, business and finance, computer sciences, police, 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 are outside of a student’s major course of study and which 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 life-long learning and prepare students for the needs and demands of everyday life. All of these skills help create a balanced life in a democratic society that is diverse in its social, cultural, and educational backgrounds.

TRANSFER EDUCATION

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

ADVANCED EDUCATION FOR HIGH SCHOOL STUDENTS

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

BASIC SKILLS EDUCATION

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

COMMUNITY EDUCATION

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

CONTINUING EDUCATION

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

CONTRACT EDUCATION/CONTRACT TRAINING

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

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

GREATER SACRAMENTO SMALL BUSINESS DEVELOPMENT CENTER (SBDC)

The Greater Sacramento Small Business Development Center offers personalized business counseling in: Business Management, Finance Resource, and Marketing Strategy. To make a confidential appointment, call the SBDC at (916) 563-3210, e-mail info@sbdc.net or visit our website at www.sbdc.net. The SBDC is located at 1410 Ethan Way, 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 our website at rebrac.losrios.edu.

STUDENT DEVELOPMENT PROGRAMS AND SERVICES

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

STUDENT ACCESS

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

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

- Established varied programs and services that ensure equal opportunities for women, minority, low-income, disabled, and disadvantaged students to succeed in all areas within the college program;
- Assured equal opportunity for ethnic minorities, disabled persons, and women in the areas of employment, promotions, and assignments; and
- Implemented programs to increase understanding and sensitivity among members of the majority group to the rising aspirations and occasionally unique needs of minority groups.

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

ACCREDITATION

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

MATRICULATION
Matriculation is a program designed to successfully transition students into the college environment through efficient admissions procedures, and facilitate their success in accomplishing their educational and occupational goals. It is an agreement between the college and the students formulated on student success and achievement.

Folsom Lake College agrees to provide an organized process of admissions, assessment and testing, orientation, counseling, and student progress follow-up. The students agree to: declare a specific educational objective, attend class regularly, complete assigned course work, and maintain satisfactory progress toward the achievement of their educational plans.

The following services are designed to ensure that community college students receive every opportunity to enroll at the college and achieve their educational goals.

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

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

The statutes regarding residence determination are found in Sections 68000-68090 and 76140 of the Education Code, Sections 54000-54072 of the California Administrative Code, and in the regulations of the Los Rios Community College District. These regulations are available in the Admissions and 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 and 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 and 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 and 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 and 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—American River, Cosumnes River, Folsom Lake, and Sacramento City—use the same application. By submitting one application, you can enroll in classes at any of the four colleges.

Applications may also be obtained through the Admissions and Records Office. If you have further questions, or if you’d like to talk to someone about the community college experience, contact the college’s counseling office to make an appointment.
<table>
<thead>
<tr>
<th>If you are a...</th>
<th>then . . .</th>
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<tbody>
<tr>
<td><strong>Continuing Student</strong> (this means you were registered at one of the Los Rios Community College District campuses during the most recent regular academic semester).</td>
<td>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.</td>
</tr>
</tbody>
</table>
| **First-time Student** (never attended college before even though you may have taken college classes while in high school). | To qualify for Priority 1 registration, all First-time Students need to complete the following:  
  a) Complete an online application for admission.  
  b) Take the appropriate assessment test. Test schedules are available from Assessment or Counseling 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.                                                                                                                                                                                                 |
| **New Transfer Student** (never attended a Los Rios college before)  
**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. | For Priority 2 or open registration, New Transfer and Returning Students need to:  
  a) Complete an online application.  
  b) Submit official transcripts of all college work to the Admissions and Records Office.  
  c) After completing a and b, register for classes.                                                                                                                                                                                                                                                                 |
| **Veteran And/Or Dependent**  
All recipients must confirm their classes with the Admissions and 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/EDC, 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 and Records Office. For more information, veterans or dependents should contact the FLC Admissions and Records Office at (916) 608-6500; or EDC at (530) 642-5644. | Two months prior to the term of attendance, complete an online application, and contact the Admissions and Records Office.                                                                                                                                                                                                                                                                 |
| **International Student** | Six months prior to the term of attendance, complete an online application, and contact the Admissions and Records Office. For more detail, see following section.                                                                                                                                                                                                                                                                 |
| **High School Student** (Concurrently enrolled in high school)  
See your high school counselor for an Advanced Education Application or contact the Admissions and Records Office. | To qualify for Priority 2 or open registration:  
  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.                                                                                                                                                                                                                                                                 |

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If you are a... then . . .
INTERNATIONAL STUDENT ADMISSIONS

Upon admission to the college, a Certificate of Eligibility, Form I-20, will be provided to indicate final acceptance. To be certified as full-time students with the Immigration and Naturalization Service, international students must enroll in a minimum of 12 units and must maintain a “C” (2.0) average at all times. International students must pay the International Student Tuition Fee (See Fees Section).

The college does not provide clinical services and a mandatory health insurance policy or equivalent medical protection for international students is required. In addition, the college requires the results of a current tuberculosis skin test. International students (F, J, and H visas) are required to show evidence of approved health insurance coverage throughout the duration of their studies.

Requirement for I-20 Admissions:

1. Official TOEFL test result of 450 minimum (written) or 133 (computer based) (NO photocopy).
2. Official bank letter/INS affidavit of support in the exchange rate of $13,450 U.S. dollars. (If sponsored by agency, submit 1 official scholarship letter addressed to FLC listing dates of coverage.)
3. 1 Official high school diploma/transcript showing graduation.
4. 1 Official college transcript (Non-English documents must be accompanied by translated copies.)
5. One small photograph with your name printed on back.
6. International Student application completed and signed.
7. FLC/EDC Admissions Application completed (paper form or submitted online).
8. $50.00 Non-refundable application fee payable to the LRCCD in the form of a check, money order, or cashier’s check (do not send cash) payable on a United States bank.
9. Certification of Negative Tuberculosis Skin Test.

ASSESSMENT AND TESTING

The assessment process is a combination of counseling, evaluating prior school transcripts, testing, and identification of career and educational goals — designed to facilitate student success. All students are encouraged to take the English, Math, and/or ESL placement test before enrolling in classes. New and continuing students should refer to the current assessment schedule (at www.flc.losrios.edu) for test dates or contact the Assessment Office. Students who have tested at another community college or who have earned an Associate (or higher) degree should consult with a counselor for assistance with course selection. Students with special testing needs must contact the Assessment Office in advance.

ORIENTATION

Attending an orientation is the best way to begin your college experience. The orientations are designed for your successful transition to college. Orientation includes a tour of the campus, an overview of assessment results, graduation and transfer requirements, financial assistance, student rights and responsibilities, helpful advice on reading the schedule of classes and college catalog, registration procedures, and discussion of student expectations.

New students who participate in orientation, assessment, and counseling will be allowed to register early during Priority 1 Registration. The orientation schedule is available at www.flc.losrios.edu or by contacting the Assessment Office.

COUNSELING AND FOLLOW-UP

Counseling is available through Folsom Lake College, El Dorado, and Rancho Cordova Centers by appointment. All new students are encouraged to meet with their counselors at least once during their first semester. Counseling appointments include discussion of academic and career goals, graduation and transfer requirements, evaluation of assessment results, and development of individualized student education plans. Students are encouraged to make an appointment each semester to ensure preparation for the following semester’s registration.

REGISTRATION

Registration dates are listed in the calendar in the front of the catalog and online at www.flc.losrios.edu. Complete registration instructions are in the schedule of classes each semester. Online (eServices) and telephone enrollment (TES) are available during registration periods. Consult the class schedule for details. Each student has a specified date and time for priority registration based on random assignment, and then open registration thereafter.

SCHEDULE OF FEES

At the time of publication of this catalog, the following fees are in effect:

General Enrollment Fees: All students must pay a general enrollment fee of $18 PER UNIT. The California Community College Board of Governors provides a waiver of fees for qualified students (See Financial Assistance 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 $149 PER UNIT tuition fee, plus the PER UNIT general enrollment fee.

International Student Capital Outlay Fee: International students who are both a citizen and resident of a foreign country will be assessed a $14 PER UNIT fee for capital outlay purposes, in addition to the PER UNIT general enrollment fee, and PER UNIT non-resident tuition.
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.

Amount of Fee: One dollar ($1.00) per semester.

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 and Records Office.

Associated Student Government Photo I.D. Cards (optional): The Associated Student Government Office sells photo I.D. cards at a cost of $9 per year or $5 per semester. Though the cards are not required, funds are expended by the ASG on behalf of the student body for various projects. The cards provide various discounts for on/off campus events and merchant discounts along with providing a valuable photo identification. Contact the Associated Student Government Office for more information at FLC (916) 608-6591 or at EDC (530) 642-5609. This fee is non-refundable.

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 and Records or a daily parking ticket may be purchased from machines located in various parking lots. The parking costs are:

FALL/SPRING SEMESTER
- Auto $30
- Auto (Student w/BOG Waiver) $20
- Motorcycle $15
- Daily Parking Permit $1

SUMMER SESSION
- Auto $15
- Motorcycle $8
- Daily Parking Permit $1

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

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

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

* All fee amounts subject to change

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 TES (the telephone enrollment system), using eServices online at www.flc.losrios.edu, or in person at the Admissions and Records Office within the first ten days of instruction for full semester (18-week) courses and through the fifth day of instruction for short-term (greater than 1 day but less than 18 weeks) courses. Classes that meet only once each week should be dropped before the second class session.
- Submit a refund request form to the Admissions and Records Office no later than the last day of the semester or session currently being completed.

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

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

DEBTS OWED TO THE COLLEGE

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

For IRS Publication 970:

For IRS Notice 97-60 on the Hope Scholarship Credit:
http://www.irs.gov/individuals/article/0,,id=96271,00.html

For IRS Notice 97-60 on the Lifetime Learning Credit:
http://www.irs.gov/individuals/article/0,,id=96273,00.html
COLLEGE & ACADEMIC REGULATIONS

UNIT OF WORK
College work is measured in terms of the semester “unit.” In recitation-lecture courses, one hour in the classroom and two hours of study preparation per week constitute a unit of work. In the laboratory, three hours in the classroom per week with no outside study constitute one unit of work. Students can find the number of units of credit with each course description.

UNIT OF CREDIT
College credit is measured in terms of the “unit.” One unit is earned by performing three hours of work per week for one semester. Three hours may be spent entirely in the classroom, or partially in the classroom and the remainder in outside study. In recitation-lecture courses, one hour in the classroom and two hours of study preparation per week constitutes one unit. In the laboratory, three hours per week with no outside study constitutes one unit.

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 and Records Office prior to registration. Students planning to carry more than 18 units must confer with their counselor.

STUDENT CLASSIFICATION
A student is: if enrolled in:
Part-Time fewer than 12 units
Full-Time 12 or more units
A student is a: upon completing:
Freshman fewer than 30 units
Sophomore 30 or more units
Graduate requirements for an Associate degree, or a higher degree by a recognized collegiate institution

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

GRADES AND GRADE POINT AVERAGES
At the end of each semester or summer session, a report of academic performance is made for every course undertaken. The grading standards, with their grade point equivalents, are as follows:
A – Excellent 4 grade points per unit
B – Good 3 grade points per unit
C – Satisfactory 2 grade points per unit
D – Passing, less than satisfactory 1 grade point per unit
F – Failing 0 grade points, no units earned
CR – Credit Not computed in GPA, but (C or better) affects progress probation and dismissal
NC - No Credit Not computed in GPA, but (less than C) affects progress probation and dismissal
I – Incomplete Not computed in GPA, but affects progress probation and dismissal
RD - Report Delayed
W – Withdrawal Not computed in GPA, but affects progress, probation and dismissal

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

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

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

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

Withdrawal from Class or the College (W)
A student may withdraw from full semester classes without a notation being placed on the permanent academic record if the withdrawal is submitted to the Admissions and Records Office prior to the end of the fourth week of classes. Withdrawals, between the beginning of the fifth week and the last 25 percent of semester courses, will be noted on the permanent academic record as “W”, providing that the withdrawal is submitted to the Admissions and Records Office and the instructor is notified.

A “W” is used for determining progress probation and progress dismissal. No withdrawals are permitted during the last 25 percent of a course. Under extenuating circumstances (verified cases of accident, illness, or other circumstances beyond the control of the
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 and 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 that prevent the student from attending classes in any college session in a calendar year. A leave of absence shall be limited to two successive calendar years.

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

Students 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.

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

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

GOOD STANDING
Both quality of performance and progress toward completion of objectives are considered in determining a student’s eligibility to attain or remain in good standing and attendance at a Los Rios college. A student merits good standing only by completing 12 or more semester units with a 2.0 GPA on a 4-point grading scale and by completing 50 percent or more of all enrolled units. It is the instructor’s responsibility to notify the student, at the mid-term date, if (and only if) that student is making less than satisfactory progress.

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

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

VALEDICTORIAN
It is the intention of this college to honor those students with the highest scholastic standing, and from those will be selected an individual to deliver a speech known as the “valediction” 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:

Grade Point Average will be determined as follows:

\[
\begin{align*}
A &= 4.0 \\
B &= 3.0 \\
C &= 2.0 \\
D &= 1.0
\end{align*}
\]

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

There are two types of probation: academic and progress:

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

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

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

**Removal from Probation:** A student on Academic Probation is removed from probation and achieves good standing when the student’s cumulative grade point average is 2.0 or higher. A student on Progress Probation is removed from probation and placed in good standing when the “W”, “I” and “NC” units drop below one half.

**Computations:**

\[
\text{Grade Point Average} = \frac{\text{Total Grade Points Earned}}{\text{Total Units Attempted with letter grade}}
\]

\[
\text{Progress Percentage} = \frac{\text{Total Units with “W”, “I” and “NC”}}{\text{Total Units Enrolled}}
\]

DISMISSAL

**Academic Dismissal:** A student on Academic Probation 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 Probation 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.

**Dismissal Period:** A dismissed student will be required to remain out of college one semester, but may return on probationary status after one semester’s absence.

**Appeal Option:** A dismissed student may appeal to the Office 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.

ACADEMIC RENEWAL WITHOUT COURSE REPETITION

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

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

COURSE REPETITION

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

- A student may repeat, only once, a course that was taken in which a substandard grade was received. A student may not repeat a course in which he/she earned an Incomplete. Substandard grade is defined as “D”, “F”, or “NC.” The grade and credits earned in the second enrollment shall be used exclusively in determining the grade points earned for that particular course.
- The college finds that the student’s previous grade is, at least in part, the result of extenuating circumstances. Extenuating circumstances are verified cases of accidents, illness, or other circumstances beyond the student’s control. Grades awarded for courses repeated under this circumstance shall not be counted when calculating a student’s grade point average.
- The college recommends that a student repeat a course because there has been a significant lapse of time since the student previously took the course. Grades awarded for courses repeated under this circumstance shall not be counted when calculating a student’s grade point average.
- Courses designated as “repeatable” are those listed as such in the college catalog and are designed to enhance students’ skills or performances through supervised repetition.
- Students may repeat courses needed to meet a legally mandated training requirement as a condition of continued paid or volunteer employment.
TRANSCRIPTS
Any coursework completed prior to Spring 2004 will be reflected on a Cosumnes River College official transcript. Coursework completed at FLC beginning Spring 2004 will be reflected on a FLC official transcript.

CATALOG RIGHTS
Catalog rights is basically a guarantee that a set of requirements may be followed and completed even though new requirements may be added before graduating.

Students who maintain continuous enrollment in at least one regular semester of a calendar year (Spring, Summer, or Fall) at Folsom Lake College or the equivalent at any other college or university, for the purpose of meeting Associate Degree or Certificate requirements, may elect to meet the requirements in the FLC catalog in effect at the time of first enrollment or at the time of graduation from FLC or its centers.

Students who maintain continuous enrollment in at least one regular semester at Folsom Lake College or another California Community College or a California State University per calendar year, for the purpose of meeting transfer general education/breadth requirements, may elect to meet the requirements in the FLC catalog in effect at the time of first enrollment or at the time of transfer to a California State University.

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

CHANGE OF ADDRESS
Students must report a change of address immediately to the college Admissions and Records Office or make changes through the Supplemental Enrollment Form each semester filed electronically through eServices. Students enrolled in Student Development support programs must also update their records directly with their program advisor (i.e. DSP&S, EOP&S, Financial Aid, etc.) The college cannot be responsible for mail sent to the wrong address.
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, 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.

<table>
<thead>
<tr>
<th>Examination</th>
<th>Score</th>
<th>Credit Allowed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art-Drawing</td>
<td>3</td>
<td>3 units of Art 300</td>
</tr>
<tr>
<td>Art-General</td>
<td>5</td>
<td>3 units of Art History 300</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 units of Art History 309</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 units of Art History 311</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>3 units of Art History 300</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 units of Art History 309</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3 units of Art History 300</td>
</tr>
<tr>
<td>American History</td>
<td>3+</td>
<td>3 units of History 312</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 units of History 313</td>
</tr>
<tr>
<td>Politics and Gov.</td>
<td>3+</td>
<td>3 units of History 312</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 units of History 313</td>
</tr>
<tr>
<td>Biology</td>
<td>4+</td>
<td>5 units of Biology 400</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>5 units of Biology 310</td>
</tr>
</tbody>
</table>

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 EXAMINATIONS
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 and Records Office for college credit evaluation. A maximum of 30 units of credit may be granted toward completion of the general education requirements with the exception of the English requirement. No credit is granted for CLEP Subject Examinations. Scores must be at least in the 50th percentile. Students should be aware that some two-year and four-year colleges have the right to accept, modify, or reject the CLEP units. Students should meet with a counselor for more information on the CLEP.
CREDIT BY EXAMINATION

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

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

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

- Student has completed or enrolled in a more advanced course, which follows this course in sequence.
- An examination for the same course was previously taken and not successfully passed.
- Examination would duplicate coursework for which credit was granted previously.
- Student does not meet the pre-requisite or co-requisite for the course.

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

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

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

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

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

CREDIT FOR MILITARY SERVICE

Credit for military service is granted upon presentation of papers showing honorable discharge from and active duty of one year or more in the United States armed forces. A veteran may receive four (4) units of elective credit by submitting a copy of the DD214 separation papers and a petition. 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 and Records Office and a petition completed after the first semester of attendance. Credit granted for military service is based on A Guide to the Evaluation of Educational Experiences in the Armed Services, published by the American Council on Education.

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

SELF-PACED LEARNING

ONLINE INSTRUCTION

Folsom Lake College offers instruction via the Internet. Learning opportunities using this medium will come in two modes. In the first, all or most course instruction takes place online through the use of materials and activities posted on an Internet site. In the second mode, the instructor of a class that meets face-to-face in the traditional way may use the Internet to post learning materials, resources and assignments, as well as provide individual contact with students through e-mail 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 full-semester 18-week courses. Basic Internet skills and access to a computer are necessary to take an online course.

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

Online Computer Application and Office Technology Courses: The online program offered by the Computer Information Science Department and the Business Department offers classes in computer application and office skills courses in an exciting online format. This program is housed in the modern computer lab at the Rancho Cordova Center (RCC) and a spacious 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/~csonline.
**TELEVISED INSTRUCTION**

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

**Live Interactive Classes From Folsom Lake College:**
The instructor lectures live at Folsom Lake College (FLC) and interacts with distant students via two-way audio-video. Students participate in rooms at FLC, the El Dorado Center (EDC), the Rancho Cordova Center (RCC) and at home by viewing a cable channel in El Dorado County. 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. Visit our website at www.flc.losrios.edu/~flcitfs.

**Live Interactive Classes From Cosumnes River College:**
The instructor lectures live at Cosumnes River College and interacts with distant students via two-way audio-video. Students participate in rooms at FLC, the El Dorado Center, the Rancho Cordova Center and at home by viewing a cable channel in Sacramento County or El Dorado County. 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. Visit our website at www.crc.losrios.edu/~itfs.

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

For technical assistance with these courses contact:

- **FLC Coordinator** (916) 608-6610
- **EDC Coordinator** (530) 642-5687
- **CRC Coordinator** (916) 691-7149

**SPECIAL STUDIES**

Special study provides independent or group study in areas of special interest. While enrollment in a special study is usually on an individual basis, occasionally it is tailored to the needs of a particular group. Students in special studies courses must enroll and schedule through the regular registration process.

Students may petition to enroll in one to three units in a single department per semester, with a maximum of six (6) units of special studies allowed per semester. A maximum of nine (9) units of special studies is allowed toward graduation requirements. Anyone may apply for permission to pursue a special studies project, designed to foster special knowledge, skills, and experience not available in any one regularly scheduled course. It is the student’s responsibility to develop a program of study and evaluation approved by the supervising instructor. Petitions should be filed prior to the end of the first nine-week classes. (See Academic Calendar) Students can normally expect to successfully accomplish only one such project per semester, as one unit of credit represents approximately 54 hours of work.

It is recommended that students, prior to enrolling, complete college courses or have actual experience and training in the field in question. To obtain special studies credit, the student must:

- Discuss and outline the proposal with the supervising instructor
- Obtain an application from the area dean’s office
- Submit the completed application to the supervising instructor who will obtain the necessary approval, and
- Upon approval, register for Experimental Offerings 499 in the Admissions and Records Office

**NOTE:** Transfer institutions may or may not accept special studies units.

**INDEPENDENT STUDIES**

Independent Study is an opportunity for the student to extend classroom experience in a specific subject while working independently of a formal classroom situation. Independent study is an extension of work offered in a specific class in the college catalog; it carries the same credit and hour value as the class being extended.

To be eligible for independent study, students must have completed the basic regular catalog course at Folsom Lake College. They must also discuss the study with an instructor in the subject and secure approval. Only one independent study for each catalog course will be allowed.

**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.
COOPERATIVE WORK EXPERIENCE
AND INTERNSHIPS

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

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

Eligible students must:

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

Interested students may earn college credit in the following majors:

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

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

New (1st Time) Students:
- A. You must be enrolled in no fewer than 7 units including CO-OP.
- B. You are working a paid or non-paid job or internship.
- C. You must attend the class that meets each week. This class will cover workforce/career transition issues.
- D. Your grade and units are earned based on your performance in the workplace (developing new skills) and classroom assignments.

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

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

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

Eligible students must meet all requirements listed for Vocational Work Experience Credit above and:

- Register for “General Work Experience” (Work Experience 198), rather than Cooperative Work Experience courses.

For more information, call (916) 608-6620.
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 will be awarded a Certificate of Completion by the Admissions and Records Office.

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 or university must complete a petition for graduation available in the Admissions and Records Office by the date set forth in the academic calendar.

Students may graduate at the end of the fall semester, end of the spring semester, or end of the summer sessions. 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 and 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.
GRADUATION COURSE REQUIREMENTS

Requirements for the Associate Degree are outlined as follows:

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

B. MAJOR Complete one of the following:
   1. One of the degree programs listed in this catalog with a minimum of a “C” grade in each course for the major.
   2. California State University Transfer General Education Requirements or IGETC. (Note: English Writing 300 required)
   3. Lower division general education requirements of an accredited four-year college or university. Students should see a counselor.

C. GENERAL EDUCATION Complete the following (21 units minimum):
   1. NATURAL SCIENCE (3 units minimum) selected from:
      Anthropology 300; Astronomy 300; Biology 300, 307, 310, 350, 400, 410, 420, 430, 440; Chemistry 307, 321, 400, 410; 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.
   2. AMERICAN INSTITUTIONS (3 units minimum) selected from: History 312, 313, 314, 331; Political Science 301.
   3. OTHER SOCIAL AND BEHAVIORAL SCIENCES (3 units minimum) selected from: Anthropology 310, 330; Business 320, 330, 345; Communication Studies 325, 341; Communications Media 300; Economics, 302, 304, 320; Geography 310; History 307, 308, 344; Journalism 310; Philosophy 360; Political Science 302, 310; Psychology 300, 320, 350; Sociology 300, 301, 321.
   4. HUMANITIES (3 units minimum) selected from:
      Architecture 310; Art History 300, 303, 309, 311, 312, 326, 332; Art 300, 304, 307, 320, 323, 370, 372, 430; Communications Media 305; English Writing 301; English Literature 303, 310, 311, 320, 321, 340, 341, 345, 356, 360, 402; French 101, 102, 401, 402, 411; Humanities 300, 310, 320, 332, 334, 340; Music Fundamentals/History & Literature 300, 330; 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; Theatre Arts 300.
   5. LANGUAGES AND RATIONALITY (6 units)
      Select 3 units each from (a) and (b):
      (a) English Composition (3 units minimum) selected from: Business 310; English Writing 101, 103, 124, 300, English Education 305.
      (b) Communication and Analytical Thinking (3 units minimum) selected from: Accounting 101, 301; Communication Studies 301, 311, 315, 331, 361, 363; Computer Information Science - Programming 350, 360, 400; English Writing 302; English Creative Writing 400, 410, 420, 430; Journalism 300; Management 360; Mathematics 100 or higher level mathematics course; Philosophy 300, 320, 328; Psychology 330, 335; Statistics 300.

6. LIVING SKILLS (3 units minimum)
   (a) Any physical education activity course with a Dance, Fitness, Individual Activities, Team Activities designation, totaling 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 Technologies 302; Computer Information Science - Core 300; Communication Studies 321; Early Childhood Education 350, 415; English Education 320; Family and Consumer Science 314, 314, 322, 324; Health Education 300, 350; Human/Career Development 310; Human Services 302; Nutrition and Foods 300, 320; Psychology 354, 356, 372; Sociology 310; Work Experience 198, 298, 498. OR:
      (c) Military Service Credit (Honorable discharge) with minimum of one (1) year active duty service. Submit copy of DD214 to Admissions and Records Office.

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

Graduation Competency Requirements:
E. Demonstrate college-level competence in reading, in written expression and in mathematics. Competency in Basic Skills is satisfied by completing the following:

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

2. WRITTEN EXPRESSION COMPETENCY – Completion with a grade of “C” or better in ENGWR 101, 103, 124, 300 or Business 310 or an equivalent course at an accredited college.

3. MATHEMATICS COMPETENCY
   (a) Completion with a grade of “C” or better in Mathematics 100 or higher level mathematics course; Psychology 330, Statistics 300. OR:
   (b) Obtaining a satisfactory score on a mathematics assessment.
DEGREES AND CERTIFICATES

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

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

Requirements are identified for each vocational and general education program and, for most, a course sequence is suggested. The courses required in a program must all be completed to earn the degree or certificate, regardless of the order in which they are completed.

DEGREES

Accounting (AA)

Administration of Justice (AA)
  •  Correctional Science (AA)

Art (AA)
  •  Studio Art
  •  Design
  •  Art History

Biology (AS)
  •  Biological Sciences

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

Communication Studies (AA)
  •  Organizational Communication

Computer Information Science (AS)
  •  Computer Programming
  •  Management Information Systems

Early Childhood Education (AA)
  •  ECE Site Supervisor

English (AA)

Finance (AA)

General Education - Transfer (AA)

Geology (AS)

Human Services (AA)
  •  General
  •  Gerontology

Interdisciplinary Studies (AA)
  •  American Studies
  •  Humanities
  •  Women’s Studies

Liberal Studies for Elementary Education (AA)

Management (AA)

Marketing (AA)

Mathematics (AS)

Physics (AS)

Real Estate (AA)

Science, General (AS)

Social Science (AA)

CERTIFICATES

Accounting
  •  Accounting – Advanced
  •  Accounting Clerk
  •  Accounting-Computer Applications
  •  Administration of Justice
  •  Correctional Science

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

Communication Studies
  •  Applied Communication Skills

Computer Information Science
  •  Computer Programmer SQL
  •  Database Analyst SQL
  •  Desktop Publishing
  •  Internet Programming
  •  Programming, C/C++
  •  Programming, Visual BASIC
  •  Rational Database Administration
  •  Web Programming
  •  Web Publishing

Early Childhood Education
  •  Assistant Teacher
  •  Associate Teacher
  •  Early Childhood Education Teacher
  •  Early Intervention Assistant
  •  Family Day Care
  •  Infant Care
  •  Master Teacher
  •  Program Management
  •  School Age Child Care

Human Services
  •  General
  •  Gerontology

Management
  •  Retail Management

Management Information Systems
  •  Application Analyst
  •  Application Data Entry
  •  Application Technician
  •  E-business Infrastructure
  •  Information Processing

Real Estate
  •  Broker
  •  Sales
COURSE NUMBERING SYSTEM
Folsom Lake College has a standardized course numbering system which is described below. The numbers are designed to provide students with general information regarding the focus and intent of course.

Numbering / Designation

1 – 99  Credit courses that are considered developmental or basic skills and are not acceptable for the Associate Degree or transfer credit.

100 – 299  Applicable to the Associate Degree.

300 – 499  Articulated for transfer with four-year institutions and are intended to meet major, general education or elective credit requirements.

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

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

A. A “Prerequisite” is a course that a student is required to have successfully completed (with a “C” or better) in order to demonstrate current readiness for enrollment in a course or educational program.

B. A “Corequisite” is a course that a student is required to simultaneously take in order to enroll in another course.

C. An “Advisory or recommended preparation” means that the student is advised but not required to possess a pre/corequisite class or skill level to enroll in the course.

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

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

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

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

1. You have knowledge or ability to succeed in the course without the prerequisite.

2. The course, which provides the prerequisite, is not readily available.

3. You believe that the prerequisite is discriminatory or being applied in that manner.

4. You believe that the prerequisite was established in violation of regulations and/or the established District-approved policy and procedures.

Once you have completed the challenge procedure, a Prerequisite Challenge Committee will review your challenge. You will be informed of the committee’s determination within five (5) instructional working days.

DESCRIPTION OF COURSES
TRANSFER INFORMATION

TRANSFER TO CALIFORNIA STATE UNIVERSITY, UNIVERSITY OF CALIFORNIA, AND PRIVATE COLLEGES

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

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

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 56 transferable units (some CSUs are requiring 60 transfer units) with a 2.0 grade point average or better (2.4 for international or non-resident students) and the following additional requirements:

High school graduate prior to 1987:

- Complete Area A, sections 1, 2, and 3 (“C” grade or better for each course)
- Area B, section 3 (“C” grade or better)

High school graduate 1988 and later:

- Complete Area A, sections 1, 2, and 3 (“C” grade or better for each course)
- Area B, section 3 (“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.

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.

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 (18 quarter) 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 90 quarter units or 60 semester units of transferable college credit with a grade point average of at least 2.4, and;

b) Complete the following course pattern, earning a grade of C or better in each course:

- two transferable college courses (3 semester or 4-5 quarter units) in English composition; and
- one transferable college course (3 semester or 4-5 quarter units) in mathematical concepts and quantitative reasoning; and
- four transferable college courses (3 semester or 4-5 quarter 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 3b above of the new transfer admission requirements.)

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 Admissions and Records Office. Students are urged to contact their counselors for additional information.
A total of 39 units of lower division general education may be certified by Folsom Lake College. There are additional general education units which will be taken at the upper division level, to be completed at the university from which the student will graduate.

Students completing 39 units, as specified in the General Education pattern listed below, may request certification of completion at the time of transfer to the California State University. No more than 30 semester units may be certified for categories B, C, and D combined.

IT IS VERY IMPORTANT THAT THE STUDENT SEEK THE AID OF A COUNSELOR WHEN SELECTING COURSES, SINCE MANY VARIABLES, LIKE CHOICE OF MAJOR, AFFECT WHICH COURSES WOULD BE APPROPRIATE.

THE COMPLETION OF THIS PATTERN WILL ALSO SATISFY THE “MAJOR” REQUIREMENTS OF AN AA DEGREE.

A. **ORAL, WRITTEN COMMUNICATION AND CRITICAL THINKING** – Nine units to include one course from each group:
   1. Communication Studies 301, 331, 361
   2. English Writing 300
   3. Communication Studies 311, 315; English Writing 302; Philosophy 300, 320, 328.

B. **PHYSICAL UNIVERSE AND ITS LIFE FORMS** – Minimum of 9 units total, with at least three units from each category and at least one course containing a laboratory from (1) or (2). (Courses with single * indicate a laboratory only course; courses with double ** indicate a lecture and laboratory course.)
   3. Mathematics 300, 310, 335, 341, 343, 344, 350, 351, 370, 400, 401, 402, 410, 420; Psychology 330; Statistics 300.

   The laboratory-only courses marked with * may be used to satisfy the laboratory requirement only when the corresponding lecture course is also taken; i.e., Anthropology 301* with Anthropology 300; Astronomy 400* with Astronomy 300; Geography 301* with Geography 300; Geology 301* with Geology 300; Geology 311* with Geology 310.

C. **ARTS, HUMANITIES, FOREIGN LANGUAGES, LITERATURE AND PHILOSOPHY** – Minimum of 9 units to include at least one course from the Arts and one from the Humanities:
   1. **ARTS**
      Architecture 310; Art-History 300, 303, 309, 311, 312, 326, 332; Art 300, 302, 304, 305, 312, 320, 323, 327, 328, 361, 370, 372, 410, 430; Communication Media 305; Film & Media Studies 300; Music Fundamentals, History & Literature 300, 321, 330; Music Instrumental/Voice Instruction 310, 311, 370, 371, 495; Music Performance 350, 357; Photography 300, 301, 425; Physical Education (Dance); Theatre Arts 300.
   2. **HUMANITIES**
      English Creative Writing 400, 410; English Literature 303, 310, 311, 320, 321, 340, 341, 345, 360, 370, 402; English Writing 301; French 311, 312, 401, 402, 411, 412; Humanities 300, 310, 320, 332, 334, 340; Philosophy 304, 310, 330, 331, 338, 350, 352, 356; Sign Language 315, 316; Spanish 401, 402, 411, 412, 425.

D. **SOCIAL AND BEHAVIORAL SCIENCES** - Minimum of 9 units:
   1. American History and Institutions can be met by one of the following combinations:
      a. One course from History 312, 313, or 331 paired with Political Science 301, OR
      b. One course from History 312 paired with one from History 313 or 314.
   2. Minimum of three units (one course selected from the following):
      Anthropology 310, 330; Business 330, 345; Communication Studies 325, 341, 363; Communications Media 300, 305; Economics 302, 304; Family and Consumer Science 312, 314; Geography 310; History 307, 308, 344; Journalism 310; Philosophy 360; Political Science 302, 310; Psychology 300, 312, 320, 335, 351, 372; Social Science 338, 360; Sociology 300, 301, 310, 321.
E. LIFE-LONG UNDERSTANDING AND DEVELOPMENT –
Minimum of 3 units: Communication Studies 321; English Education 320; Family and Consumer Science 314, 322, 324; Health Education 300, 350; Human/Career Development 310; Human Services 302; Nutrition and Foods 300; Physical Education activity (one course); Physical Education Theory 301. Psychology 354, 356, 358, 360; Sociology 310.

OR

Military Service Credit: Honorable discharge with minimum of one (1) year active duty service.

UPPER DIVISION TRANSFER APPLICANTS WITH 56 OR MORE TRANSFERABLE SEMESTER UNITS
1988 and later high school graduates - may qualify for admission by completing a minimum of 30 semester units selected from courses in English, arts and humanities, social science, science, and mathematics with a grade of “C” or better in each course. All CSU general education requirements in communication in the English language (at least 9 semester units) and in mathematics (minimum 3 semester units) must be completed as part of the 30-semester unit requirement. The remainder of the units can be selected from any of the designated areas.
Accounting 301, 311, 341, 495, 498*, 499
Anthropology 300, 301, 310, 330, 495, 499
Architecture 310, 321, 322, 495, 498*, 499
ART 300, 302, 304, 305, 307, 312, 320, 322, 327, 328, 336, 337, 361, 370, 372, 373, 402, 404, 410, 430, 494, 495, 499
Art History 300, 303, 309, 311, 312, 326, 332, 495, 499
Astronomy 300, 400, 495, 499
Automotive Mechanics Technology 300, 308, 320, 495, 498*, 499
Biology 300, 307, 310, 350, 380, 382, 384, 386, 388, 389, 390, 400, 410, 420, 430, 431, 440, 495, 499
Business 300, 310, 320, 330, 340, 341, 345, 350, 360, 360.1, 360.2, 480, 490, 495, 498*, 499
Business Technology 302, 303, 304
Chemistry 307, 308, 321, 322, 400, 401, 410, 495, 499
Communication Studies (Speech) 301, 311, 315, 321, 325, 331, 341, 361, 363, 371, 373, 494, 495, 499
Communications Media 300, 305, 330, 331, 332, 360, 377, 495, 498*, 499
Computer Information Science Applications 300, 301, 302, 309, 310, 311, 319, 320, 321, 329, 330, 331, 339, 340, 341, 349, 405, 499
Core 300, 303, 305, 306, 310, 320, 321, 322, 329, 350, 351, 360, 495, 498*, 499
Programming 300, 310, 350, 351, 352, 353, 354, 360, 370, 400, 405, 409, 430, 440, 499
Web 300, 305, 350, 380, 380.1, 380.2, 425, 499
Economics 302, 304, 320, 495, 499
Engineering 300, 303, 495, 499

English
Creative Writing 400, 410, 420, 430, 452, 495, 499
Education 305, 320, 495, 499
Literature 303, 309, 310, 311, 320, 321, 340, 341, 345, 360, 370, 402, 495, 499
Writing 300, 301, 302, 330, 331, 495, 499

Environmental Technology 304, 350, 350.1, 350.2, 350.3, 352, 495, 498*, 499
Family and Consumer Science 312, 314, 322, 324, 494, 495, 499
Film & Media Studies 300, 320, 495, 499
Fire Technology 498*
French 311, 312, 401, 402, 411, 412, 495, 499
Geography 300, 301, 306, 310, 390, 495, 499
Geology 300, 301, 305, 306, 310, 311, 330, 342, 345, 347, 351, 390, 495, 499

Gerontology 300, 331, 333, 495, 498*, 499
Health Education 300, 312, 313, 314, 350, 495, 499
History 307, 308, 312, 313, 314, 331, 344, 495, 499
Horticulture 300, 302, 305, 306, 326, 495, 498*, 499
Human/Career Development 310, 330, 495, 499
Human Services 300, 302, 304, 340, 350, 360, 362, 364, 494, 495, 498*, 499
Humanities 300, 310, 320, 332, 334, 340, 495, 499
Journalism 310, 335, 336, 495, 499
Library 318, 499
Management 308, 360, 362, 372, 495, 498*, 499
Marketing 300, 310, 312, 314, 330, 495, 498*, 499
Mathematics 300, 310, 335, 341, 343, 344, 350, 351, 370, 400, 401, 402, 410, 420, 495, 499
Music:
History & Literature 300, 321, 330, 495, 499
Voice 310, 311, 320, 321, 370, 371, 410, 495, 499
Performance 350, 357, 495, 499
Specialization 370, 495, 499
Natural Resources 302, 304, 320, 495, 499
Nutrition 300, 320, 495, 499
Philosophy 300, 304, 310, 320, 328, 330, 331, 338, 350, 352, 356, 360, 495, 499
Photography 300, 301, 400, 410, 425 495, 498*, 499
Physical Education Activity Courses
  Dance 303, 342, 495, 499
  Fitness 301, 309, 320, 342, 382, 391, 410, 495, 499
  Individual Activities 320, 392, 495, 499
  Team Activity 362
  Theory 301
Physical Science 302, 495, 499
Physics 310, 311, 350, 360, 411, 421, 431, 495, 499
Political Science 301, 302, 310, 495, 499
Psychology 300, 312, 320, 330, 335, 351, 354, 356, 358, 360, 372, 495, 499
Real Estate 300, 495, 499
Sign Language Studies 305, 306, 315, 316, 345, 495, 499
Social Science 338, 360, 495, 499
Sociology 300, 301, 310, 321, 335, 341, 495, 499
Spanish 311, 312, 401, 402, 411, 412, 425, 434, 495, 499
Statistics 300, 495, 499
Student Government 300, 495, 499
Theatre Arts 300, 340, 494, 495, 498*, 499
Work Experience 498*

*Not more than 8 units of work experience (any 498 course) transferable.
Students transferring to CSU and UC (students enrolling in college Fall 1991 or later) may fulfill the lower division breadth and general education requirements for any campus of the University of California or the California State University by completing the IGETC or completing the specific lower division breadth and general education requirements of the campus to which they intend to transfer.

Completion of all of the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a community college to a campus in either the California State University or University of California system without the need, after transfer, to take additional lower-division general education courses to satisfy campus general education requirements.

The course requirements for ALL AREAS must be completed before the IGETC can be certified. All courses must be completed with grades of “C” or better.

**AREA 1 - English Communication**

CSU - Three courses required, one from each group below.

UC - Two courses required, one from Group A and Group B

- **GROUP A:** English Composition (one course required)
  - English Writing 300

- **GROUP B:** Critical Thinking-English Composition (one course required)
  - English Writing 302;
  - Philosophy 328;

- **GROUP C:** Oral Communication-CSU ONLY (one course required)
  - Communications 301, 331, 361

**AREA 2 - Mathematics Concepts and Quantitative Reasoning** (One course required)


**AREA 3 - Arts and Humanities**

(At least three courses, with at least one from the Arts and one from Humanities, nine semester units required)

- **Arts:**
  - Art History 300, 303, 309, 311, 312, 326, 332;
  - Communications Media 305*;
  - Film & Media Studies 300;
  - Music Fundamentals History & Literature 300*, 321*, 330;
  - Photography 425*;
  - Theatre Arts 300.

- **Humanities:**
  - English Literature 303, 310, 311, 320, 321, 340, 341, 345, 360, 402;
  - French 411, 412;
  - Humanities 300, 310, 320, 332, 334, 340;
  - Philosophy 300, 304, 310, 330, 331, 338, 350, 352, 356, 360;
  - Spanish 411, 412, 425;
  - Sign Language 316.

**AREA 4 - Social and Behavioral Sciences**

(At least three courses from at least two disciplines, nine semester units required)

- Anthropology 310, 330; Business 345*; Communication 325;
- Communications Media 300*; Economics 302, 304;
- Family and Consumer Science 312; Geography 310;
- History 307, 308, 312*; 313*, 314*, 331, 344; Journalism 310*;
- Political Science 301*, 302, 310; Psychology 300, 320, 351, 356, 360, 372*;
- Social Science 328, 360; Sociology 300, 301, 321.

* Indicates that this course may not be used for AREA 4 credit if the course is used for CSU U.S. History, Constitution, and American Ideals requirement.
AREA 5 - Physical and Biological Sciences
(Two courses, one Physical Science course and one Biological Science course, at least one must include a laboratory, seven to nine semester units)

Physical Sciences:
- Astronomy 300, 400**;
- Geography 300, 301**, 306;
- Geology 300, 301**, 305, 306**, 310, 311**, 330, 345;
- Physical Science 302**;

Biological Sciences:
- Anthropology 300, 301**;
- Psychology 312**.

* Credit limit – see counselor.
** Lab courses.

Language Other than English (UC Requirement ONLY)
Competency is demonstrated by completion of one foreign language course, or completion of two years of a foreign language in high school with a grade of “C” or better.
French 401, Sign Language Studies 305, Spanish 401

CSU Graduation Requirement in U.S. History, Constitution, and American Ideals
(NOT part of IGETC; may be completed prior to transfer)
Six semester units, choose one two-course combination from section 1 or 2:
1) Political Science 301 plus one course from History 312, 313, or 331;
2) History 312 or paired with one course from History 313 or 314

Note: Effective Spring 1998, junior and senior transfers will be admitted to CSU campuses only if they were eligible to enter directly from high school or have a grade point average of 2.0 in 60 transferable semester units and have completed (with a grade of “C” or better) 30 semester units from CSU’s G.E. Breadth or all IGETC requirements, including the completion of CSU’s G.E. requirements in English language and mathematics. If you have questions about how this will affect you, see your counselor as soon as possible.
FLC COURSES ACCEPTABLE AT ALL
UNIVERSITY OF CALIFORNIA CAMPUSES SYSTEMWIDE
2004-2005

Accounting 301, 311
Administration of Justice 300, 305, 320
Anthropology 300, 301, 310, 330
Architecture 310, 320, 321
Art 300, 302, 304, 305, 307, 312, 320, 323, 327, 328, 336, 337, 361, 370, 372, 373, 402, 404, 410*
Art History 300, 303, 309, 311, 312, 326, 332
Astronomy 300, 400
Biology 300*, 307*, 310*, 350, 400, 410, 420, 430, 431, 440
Chemistry 307*, 308*, 321, 322, 400*, 401*, 410
Communication Studies (Speech) 301, 311, 315, 321, 325*, 331*, 361*, 363, 371
Communications Media 300*, 305*
Computer Information Science: Core 310*, Programming 300, 310, 350, 360, 370, 400, 405, 409, 430, 440
Economics 302, 304
Engineering 300
English: Writing 300, 301, 302, Creative Writing 400*, 410*, 420*, 430*; Literature 303, 310, 311, 320, 321, 330, 336, 340, 341, 343, 345, 360, 402
Environmental Technology 304
Family and Consumer Science 312*, 314, 324*
Film & Media Studies 300
French 401, 402, 411, 412
Geography 300, 301, 306, 310
Geology 300, 301, 305*, 306*, 310, 311, 330, 342, 345, 390
Health Education 300, 313, 314
History 307, 308, 312*, 313*, 314, 331, 344
Horticulture 302*, 305*, 306*
Humanities 300, 310, 320, 332, 334, 340
Journalism 310*
Library 318
Music: History & Literature 300*, 321*, 330; Voice 310, 311, 320, 321, 370, 371, 495; Performance 350, 357
Natural Resources 320
Nutrition & Foods 300
Philosophy 300, 304, 310, 320, 328, 330, 338, 350, 352, 356, 360
Photography 300, 301*, 425*
Physical Education Activity Courses: Dance* 303, 342; Fitness*; Individual Activities*; Team Activities*
Physical Science 302*
Physics 310*, 311*, 350*, 360*, 411*, 421*, 431*
Political Science 301, 302, 310
Psychology 300, 312, 320, 330*, 335, 351, 356, 360, 372*
Sign Language Studies 305, 306, 315, 316
Social Science 338, 360
Sociology 300, 301, 321, 325, 341
Spanish 401, 402, 411, 412, 425
Special Studies (Experimental Offerings in Subject) 499*
Statistics 300*
Theatre Arts 300, 340

* All campuses of the University of California system give credit toward graduation for the above courses; however, a certain combination of courses has unit limitations. Physical Education Activity courses are limited to 4 semester units of transfer credit. Check with your counselor regarding these. Also courses numbered 494 and 499 will require approval at the time of admission.
The California Articulation Number (CAN) identifies some of the transferable, lower division, introductory, and preparatory courses commonly taught within each academic discipline on college campuses. Lists of courses from campuses participating in the CAN system are available in counseling offices. The system assures students that CAN courses on one participating campus will be accepted “in lieu of” the comparable CAN course on another participating campus. Example: CAN ECON 2 on one campus will be acceptable for CAN ECON 2 on another participating campus. Each campus also retains its own numbering system. Participating campuses are listed in the class schedule.

California Articulation Numbers are listed parenthetically at the end of each course description in this catalog.
STUDENT DEVELOPMENT PROGRAMS AND SERVICES

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

ASSESSMENT SERVICES
FLC (916) 608-6573
EDC (530) 642-5649

FLC provides a variety of testing services to assist students in determining appropriate course placement. Free course placement assessments are available year-round for English, reading, mathematics and English-as-a-Second-Language, (ESL). Availability is on a first-come first-serve basis. Competency exams to meet reading and math graduation competency requirements are also available during regularly scheduled assessment sessions. Career assessment and 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 areas at either site. Students with special testing needs should call Assessment prior to the testing date to arrange for accommodations.

ASSOCIATED STUDENT GOVERNMENT
FLC (916) 608-6591
EDC (530) 642-5609

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

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

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

Clubs and Organizations: These activities offer diversified social and educational opportunities. Each club must have a faculty advisor and be approved by the Student Activities Office.

Photo I.D. Cards: These cards help fund campus cultural events and activities. They may be purchased through the ASG office.

Other services: assistance to clubs and the ASG; events; posting/posters; events and fund-raising assistance; graduation ceremonies and cultural events.

For more information, contact the campus directly at the numbers above or online at www.flc.losrios.edu/~stugov.

COOPERATIVE WORK EXPERIENCE EDUCATION, (CO-OP) SERVICES
(916) 608-6626

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

COLLEGE BOOKSTORE
FLC/RCC (916) 608-6565
EDC (530) 642-5656

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, depending on class schedules. 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. Student I.D. number is required for all returns. Refunds on check purchases will be subject to a 3-day wait. Charge card purchases will be credited to the correct credit card.

Textbook Buyback Policy: 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 supports students who are currently receiving cash aid from the county. We have many services to offer qualified students:

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

CARE (COOPERATIVE AGENCIES RESOURCES FOR EDUCATION)
FLC (916) 608-6560
EDC (530) 642-5648

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

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

CHILD DEVELOPMENT CENTER
FLC (916) 608-6598

The Child Development Center serves the children of enrolled students. The center gives priority to low income parents who meet income eligibility and need guidelines. Other children are admitted on a sliding fee scale as space permits. The center provides a Preschool Program for children aged 3 through 5 years. Children must be toilet trained.

The center offers developmentally appropriate and stimulating environments with a variety of planned activities. The center also serves as a lab for students of the Early Childhood Education instructional program.

COLLEGE POLICE
FLC (916) 608-6588
EDC (530) 642-5664

The police departments are P.O.S.T. certified agencies and provide both law enforcement and security services to the students. In addition to assisting and handling cases of emergencies, this office handles all parking enforcement and appeal processing, lost and found, vehicle jumps and lockouts, and escorts. The FLC Campus Police Office is located in the portables. The EDC Campus Police Office is adjacent to the Fitness Center.

COMPUTER LABS
FLC (916) 608-6540
EDC (530) 642-5689

The FLC Personal Learning Environment (PLE) is a facility that houses the combined services of an open-access computer lab. All registered students can use this facility to fulfill their CIS lab requirements, complete homework assignments, or meet any of their other computer needs while on campus. The LRC/Library at EDC has an adjacent computer lab for the same purpose.

Students will need proof of registration to sign up for computer lab access. The hours of service vary and are posted at each campus. Call ahead to verify hours of operation.

COUNSELING
FLC (916) 608-6500
EDC (530) 642-5645

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, 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.
Disabled Student Programs & Services (DSP&S) provides equal educational opportunity for students with physical, psychological, or 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 hyperactivity disorder (ADHD)/attention deficit disorder (ADD), blind, deaf, hearing impaired, low-vision, mobility impaired, psychologically disabled (a diagnosis from a psychiatrist), and other health problems that would require special assistance.

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

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

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

The student has a right to appeal any decision regarding academic accommodations. See DSP&S 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 located in food service areas provide resources to employment off-campus.

**DSP&S - DISABLED STUDENT PROGRAMS & SERVICES**

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

**EOP&S - EXTENDED OPPORTUNITY PROGRAMS AND SERVICES**

FLC (916) 608-6560  
EDC (530) 642-5648

EOP&S is an academic support program for students who are educationally and economically disadvantaged. Its goal is to help students be successful in college. To this end, EOP&S offers comprehensive assistance to ensure that students meet their educational objectives.

The following comprehensive support services are provided to eligible students at either site:

- Application Fee Waivers (CSU, UC)
- Book Service Program
- Career Assessment
- Case Management Referrals
- Counseling
- CARE program
- EOPS Orientation
- Field Trips to 4-Year Colleges and Universities
- Priority Registration
- Progress Reports
- Transfer Information
- Tutoring
- Workshops

To be eligible, a student must:

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

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

**FINANCIAL AID SERVICES**

FLC (916) 608-6646  
EDC (530) 642-5651

Financial assistance 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, low-interest loans, on-campus work-study, and various privately supported scholarships for outstanding students in particular fields. In addition to the general financial aid programs, the Board of Governors Enrollment Fee Waiver is available which will pay the community college enrollment fee for low-income state resident students. You may inquire about this program at the Admissions and Records or Financial Aid Office. 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 Assistance” section of this catalog.
LIBRARIES
PERSONAL LEARNING ENVIRONMENT
FLC (916) 608-6540
EDC (530) 642-5695

Central to inquiry and learning are the libraries. They support the college course offerings by providing access to information through their collection of books, periodicals, media and online resources. The libraries also provide reference services, circulation services, interlibrary loan services, reserve materials, research computers, and group study rooms.

The online library catalog, Los Rios Online Information System (LOIS), identifies books, periodicals, and media available at FLC/EDC and the other Los Rios Community College District Libraries. In addition to the print book and periodical collections, the libraries provide online access to the full-text of thousands of magazines, journals, and newspapers, as well as to full-text literary criticism, biography, international affairs and current events through various databases. These electronic resources are also available to the FLC community on the Internet from any off-campus location. Simply visit the FLC Library’s website at www.flc.losrios.edu/~library or the EDC library’s website at www.flc.losrios.edu/~lrc/, for further information on accessing form off-campus locations.

Librarians are available to provide individual assistance on using the various library services, materials, and tools and in selecting effective research strategies. They also offer library instruction sessions and for-credit library science courses, demonstrating the use of library resources and Internet. These instructions are designed to make course work easier and more rewarding.

Libraries at both Folsom Lake College and El Dorado Center can also be used for a quiet place to study and to access information.

PUBLICATIONS

The college Catalog and Class Schedule are important resources for student success. Both 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.

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

A tabloid style schedule of classes is mailed twice a year, Spring and Fall, to approximately 150,000 homes in the attendance area. In addition to a complete listing of classes, brief articles of community interest are also included.

A Student Guide published by the college contains both general information and specific campus rules and regulations, and is obtained through your counselor or at Assessment and Orientation.

A student newsletter called Crossing Boundaries, published by the Associated Student Government, provides students with campus news and information about student-sponsored activities and events.

READING/Writing CENTER (RWC)
FLC (916) 608-6517
EDC (530) 642-5686

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

TRANSycripTS - OUTGOING TO OTHER COLLEGES/AGENCIES
FLC (916) 608-6500
EDC (530) 642-5644

The Admissions and Records Office will send the first two official copies of a student’s Folsom Lake College record to any college or university without charge. Additional copies may be obtained for $2 each. There is a $10.00 fee for a 24 hour official transcript request. There is no charge for same day unofficial transcripts. The required number of transcripts varies according to institution, and students should refer to the catalog or bulletin of the college or university which they expect to enter.

TRANSycripTS – INCOMING FROM OTHER INSTITUTIONS
FLC (916) 608-6500
EDC (530) 642-5644

It is the applicant’s responsibility to have official high school records and official transcripts of all work attempted, completed or in progress at ALL other accredited colleges forwarded directly to the FLC Admissions and Records Office. The college must receive official transcripts or any “Work in Progress” immediately after completion of such work. These records also apply to any summer session or correspondence work.

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

• **Transition Fair** – employers are on campus to provide career information, employment, internships, and transfer information to students

• **Computers/Internet** – self assessment, and researching career-related topics

• **Reference materials** – books, videos, and handouts

• **Workshops** – We offer workshops and seminars to develop the skills you will need to communicate with employers. Check in Transition Services for current scheduled offerings.

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

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

The center also helps students to concurrently enroll at CSUS and UCD (with fees waived) and provides for admission through a Transfer Admissions Agreement (TAA) to CSU, Sacramento; UC Davis; and University of the Pacific. Online application services are available for some colleges. For more information, call 608-6500.

**ASSIST**, a computerized student transfer information system that can be accessed over the World Wide Web, is available during regular service hours. It displays reports for transferring course credits from one California college or university to another. ASSIST is the official repository of articulation for California’s colleges and universities and, therefore, provides the most accurate and up-to-date information available about student transfer in California. The Internet address for ASSIST is: www.assist.org.

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**TUTORIAL SERVICES**

**FLC** (916) 608-6589  
**EDC** (530) 642-5623

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

**VETERANS ASSISTANCE**

Veteran’s assistance, offered through the Admissions and Records Office, is available to help process Veterans Administration (VA) Educational Benefit paperwork and to coordinate with other campus services. This service provides the student veteran and eligible children, spouse or surviving spouse of a veteran using the VA Educational Benefits or the G.I. Bill with a variety of services.

To receive an educational allowance, the Veterans Administration requires a student veteran or dependent to:

- Request “official” transcripts from other colleges attended
- Identify an educational objective, see a counselor and fill out a program planner, or educational plan
- Take only courses that are required for the educational objective
- Complete satisfactorily the courses for which benefits are received, and attend classes regularly.

For more information, veterans or dependents should contact the Admissions and Records Office for a referral to a program specialist.
FINANCIAL ASSISTANCE

The Financial Aid Office provides a wide range of financial assistance to students in the form of part-time employment, grants, loans and scholarships. All awards are contingent upon availability of funds.

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, which are available at the Financial Aid Office. FAFSA on the Web is available on the internet for those students who wish to apply for financial aid electronically. The website address is: www.fafsa.ed.gov. For the academic year 2003-2004, Folsom Lake College will use Cosumnes River College’s school code 007536. As an accredited college, FLC will be assigned a new school code effective July 1, 2004.

Folsom Lake College participates in the following programs:

EMPLOYMENT

FWS- Federal Work-Study Program
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. Work study wages are based on federal minimum wage guidelines. The student may qualify by virtue of their need, satisfactory academic standing, availability and feasible work skills.

GRANTS

BOG Fee Waiver-Board of Governors Enrollment Fee Waiver
Please note:
- BOG is for California residents only.
- BOG does not require repayment.
- BOG is a simple, quick process that is not connected to other Federal aid programs.
- BOG applicants will be required to complete a simple application form available in the Financial Aid Office. Applicants may be asked to provide proof of eligibility. There are three methods by which you may qualify:
  - Method A: TANF/CalWORKs, SSI, General Assistance or General Relief recipients must bring a photo identification and an Aid Verification Summary or provide a copy of their last voucher or check when completing the application.
  - Method B: If you meet household (low) income standards.
  - Method C: If you have been determined to have any financial need based on Federal calculation.
- BOG pays enrollment fees for one fiscal year: summer session and fall/spring semester. Only one application per year is necessary, and you must reapply each fiscal year. Review income standards in the Financial Aid Office.

Cal Grants
The Free Application for Federal Student Aid (FAFSA) and a GPA Verification form must be completed by March 2 prior to the award year. The completed GPA Verification must be submitted to the California Student Aid Commission.

1. Cal Grant A: Cal Grant A helps low- and middle-income students with tuition costs at 4-year colleges and universities. Grant recipients are selected on the basis of financial need and grade point average.
   The California Student Aid Commission will hold tuition fee awards for those who qualify, until the student transfers to a four-year college. Students must maintain eligibility each year.
2. Cal Grant B: Cal Grant B is administered and processed by the California Student Aid Commission and aids high-potential students from low income and disadvantaged backgrounds. Applicants must be a new freshman in college, completed no more than 16 units or completed a full-time semester of college, or 4.5 months at a vocational/technical college by June 30 of the prior school year.
3. Cal Grant C: Cal Grant C is administered and processed by the California Student Aid Commission and provides assistance for low- and middle-income students who are formally enrolled in and pursuing a vocational training program at Folsom Lake College.

Federal Pell Grant
The Federal Pell Grant program is an aid program designed to provide financial assistance to students who have not yet received a bachelor’s degree from any institution. The Federal Pell Grant is intended to be the “foundation” of a student’s financial aid package with other sources of aid to supplement it.

In order to determine a student’s eligibility, a Free Application for Federal Student Aid (FAFSA) must be completed and mailed to a federal processor.

A Student Aid Report (SAR) will be mailed directly to the student and duplicate information transmitted electronically to the designated school. The student may be asked to complete verification documentation as required by federal guidelines.

Eligibility will vary according to enrollment status and federally determined Expected Family Contribution (EFC).

FSEOG- Federal Supplemental Educational Opportunity Grants
The Federal Supplemental Educational Opportunity Grants (FSEOG) 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 for this program is limited; therefore, students are encouraged to apply early.
LOANS

Federal Stafford Loan Program (Subsidized)
To apply for a federally insured loan, institutional policy requires that a student must:

- Apply for other forms of federal financial aid
- Attend a loan management/default prevention workshop
- Satisfactorily complete a student loan pre-test

Applications for the Federal Stafford Loan Program are available in the Financial Aid Office. The amount is based on current federal guidelines. Interest charged on this loan is variable, not to exceed 8.25 percent.

Federal Stafford Loan Program (Unsubsidized)
The unsubsidized Stafford Loan is offered for middle and higher income borrowers. With the exception of demonstrating financial need, the unsubsidized Federal Stafford Loan has the same eligibility criteria as the subsidized Federal Stafford Loan. This means that family income will not affect loan eligibility or disqualify a student from receiving an unsubsidized loan. Loan limits and interest rates are also based on current federal guidelines.

Accepting any federal student loan is accepting a 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. To receive federal student aid, a student admitted on the basis of ability to benefit must pass a standardized placement test which measures the student’s ability to complete the course of study. For more information, call the Financial Aid Office at your site.

Eligibility for financial assistance is determined by:

- A 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.
- Making satisfactory academic progress. Academic progress will be monitored periodically to continue eligibility status. The Financial Aid Office must ascertain satisfactory progress and may deny aid to any student who fails to meet the minimum stated academic progress guidelines.

Satisfactory Progress Policy: 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 want funds awarded only to students who are making satisfactory progress toward their educational objective. Therefore, the Financial Aid Office is required to monitor this progress and deny aid to any student who fails to meet satisfactory academic progress policies. Please check with the Financial Aid Office for specific details.

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 progress standard adopted by FLC for financial aid recipients. (Specific details are available in the Financial Aid Office.)
- Completion of an AA or AS Degree or 72 or more units (whichever comes first) unless a special petition has been approved by the Financial Aid Office.
- Falsification of information that affects the determination of eligibility or aid.
- Failure to provide necessary verification/documentation of income and resources.

A student may be placed on financial aid probation for one semester. If the student fails to make satisfactory academic progress during the probationary semester, financial aid will be denied. The student may file a Financial Aid Petition to reinstate financial aid if there are extenuating circumstances that caused the dismissal.

Selective Service Notice to Men: Federal and state laws require that men must be registered with the U.S. Selective Service System to be eligible for school Financial Aid (50 U.S.C. App. 451, et seq.)

Entrance/Exit Loan Counseling: All students receiving financial aid are required to attend an entrance loan counseling workshop upon receipt of loan and an exit loan counseling workshop upon graduation or exiting the college.
SCHOLARSHIPS AND AWARDS
The Financial Aid Office maintains a list of local, state and national scholarships available to students.

There are also scholarships available to FLC/EDC students exclusively. These scholarships are generally awarded to students only after they have completed at least 12 units and are currently enrolled at either site. 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.

Students are strongly urged to contact the Financial Aid Office for details and applications on all scholarships.

El Dorado Patron’s Club Scholarship
These awards, donated by the El Dorado Patrons Club are announced in May, but cash does not become available to the student until he/she is enrolled at Folsom Lake College or its centers with at least 12 units. Awards are based on the goals stated by the student, academic effort shown by adequate grades, community service and/or work experience, and a need for financial aid. Awards may be renewed. A second application is required for the second year. Award amount is $250.00 per student per year. Number of awards depends on the number of applications and funds available.

Foundation Scholarship
The awards are provided by the Folsom Lake College Foundation and are granted to graduating seniors and currently enrolled students enrolled in 12 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 a need for financial aid. Awards may be renewed; a second application is required for the second year.

Four awards are granted in the amount of $500 per student. One installment is made in the fall; and a second installment will be made in the spring pending enrollment verification. The numbers of awards each year may vary depending on the number of applications received and the amount of funds available. Awards are announced in May, but the cash does not become available to the student until he/she is enrolled at FLC/EDC/RCC with at least 12 units.
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) 608-6531; Gender Equity Coordinator (Title IX, Section 504 and ADA Vice President for Administrative Services at (916) 606-6555; or the Los Rios Community College District, Director of Personnel Services, 1919 Spanos Court, Sacramento, CA 95825, (916) 920-7901, or to the Director of the Office of Civil Rights, U.S. Department of Health, Education and Welfare, Washington, D.C.

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) 608-6531 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 the Equity Officer.

POLÍTICA CONTRA LA DISCRIMINACIÓN

El Distrito Universitario Comunitario Los Ríos, 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 Ríos, incluyendo el empleo y la selección de empleos, programas educativos, servicios, admisiones y ayuda financiera.
**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 confidentially 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) 608-6531 or Vice President of Administration, (916) 608-6555.

**STATEMENT ON ACADEMIC FREEDOM**

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

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

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

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

1. Recognizing that, at times, students will give us gifts or offer us favors, we must be aware of potential implications. We should always demonstrate both the substance and the appearance of propriety by accepting only minimal gifts.

2. Acknowledging that student sensitivities should be respected, we must appreciate that remarks regarding gender, race, religious or ethnic group, physical handicaps, learning disabilities, or sexual orientation are appropriate only in an educational context.

3. Since instructors are concerned with the welfare of students and since students will at times wish to share information of a personal nature, faculty members may refer students to the college’s counseling center or appropriate community services for additional help and/or information.

4. Instructors should never engage in or condone sexual harassment. In the professional context, the term “sexual harassment” may be used to describe a wide range of behavior. However, the fundamental element is the unwelcome personal attention by an instructor who is in a position to determine a student’s grade or student employment or otherwise affect the student’s academic performance or professional future.

5. Academic interaction between students and instructors should always take place in an appropriate setting.

6. Recognizing that while amorous relationships are appropriate in other circumstances, we accept that such relationships are always inappropriate when they occur between any faculty member and a student currently enrolled in his or her class.

CLASSIFIED STAFF
CODE OF ETHICS

1. Recognizing that faculty and students will give us gifts or offer us favors, we must be aware of potential implications. We should always demonstrate both the substance and the appearance of propriety at all times.

2. Acknowledging that faculty and student sensitivities should be respected, we must appreciate that remarks regarding gender, race, religion, ethnicity, physical or learning disabilities, 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.
FLC envisions an education system in which specific rights, obligations, and expectations for students and education providers will be clearly expressed, so that all participants in the educational process, including families, can understand and respond to them. These rights, obligations, and expectations would define what we consider to be the essential elements of high-quality teaching and learning to which all students and education providers should have access. Folsom Lake College proposes that these rights, obligations, and expectations be defined as follows:

Every student has the right to:

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

Every student would be expected to:

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

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

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

USE AND RELEASE OF STUDENT INFORMATION (FERPA)

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

District Regulation 2265 provides for the release, without student consent, of Student Directory Information, i.e. student’s name, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and most recent previous public or private school attended. In addition, federal law provides that representatives of the U.S. Department of Defense shall be provided a student’s name, address, and telephone number for recruitment purposes. Students have the right to refuse the release of one or more such designated categories by submitting a written statement to the Admissions and 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. Students are free to take reasoned exception to the data or views offered in courses. It is the responsibility of the instructor to take every precaution to ensure that what is presented is factual. If the instructor’s presentation is in the opinion, belief, or debatable fact, it is the instructor’s responsibility to make this clear to the students. Students may be required to know thoroughly the particulars set forth by the instructor, but they are free to reserve personal judgment as to that which is presented in the classroom.

2. The student has the right to substantial presentations appropriate to the course. Unjustified failure of the instructor to meet or prepare for classes, which results in incompetent performance, is a legitimate ground for student complaints against the instructor.

3. The student has the right to a syllabus at the beginning of each semester providing: instructor’s name, office location, office telephone number, and office hours; texts and supplemental materials required for the course; purpose of the course; prerequisites; requirements for grading; frequency and types of tests; and other information to assure student’s understanding of the nature and requirements of the course.
4. In preparing student publications, the editorial staff and faculty advisors shall be free from censorship and advance copy approval except as provided by published district policy, statutes, or campus regulation. These publications should do the following:
   a) Adhere to canons of responsible journalism, such as avoidance of libel, indecency, undocumented allegations, attacks on personal integrity, and the techniques of harassment and innuendo.
   b) State on the editorial page that the opinions expressed are not necessarily those of the college or the student body.
5. 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.
6. Students shall have the right to present 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.
7. 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.
8. 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.
9. 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.
10. Students shall have the right to file a grievance as outlined in the procedures of the District Student Grievance Policy, in the event of an alleged breach of their rights. The designated Grievance Officer will hear grievances of students who believe their academic rights have been denied or violated.

ACADEMIC INTEGRITY AND RESPONSIBILITY-PLAGIARISM POLICY

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

STUDENT RESPONSIBILITIES

Admission to college assumes the expectation that the student will be a responsible member of the college community; will obey the law; comply with the published rules and regulations of the college; respect the rights, privileges, and property of the other members of the college community; and not interfere with legitimate college affairs. Students enrolled in a class are responsible for meeting standards of performance and conduct established by the Los Rios Community College District and the instructor. Students are responsible for registering and “adding” and “dropping” classes in a timely fashion, to insure that others will have an opportunity to take classes. Students are responsible for completing and submitting all class assignments, examinations, tests, projects, reports, etc., by scheduled due dates, or face penalties. If any problem arises regarding course work or attendance, the student will be held responsible for initiating communication and contact with the instructor. In addition, students will be held responsible for behavior and conduct adverse to the preservation of order as established by the college and the instructor. Students are responsible for meeting their degree requirements as provided in the college catalog.

Students also have the responsibility to use information technology resources effectively. Each user has the responsibility to:
- Use the resources appropriately and efficiently;
- Respect the freedom and privacy of others;
- Protect the stability and security of the resources; and
- Understand and fully abide by established college policies and applicable public laws.

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

A student enrolling in one of the Los Rios colleges may rightfully expect that students, faculty, and administrators will maintain an environment in which there is freedom to learn.

Student conduct must comply with federal and state laws, college rules and regulations, and District policies and regulations. Students who violate such rules and regulations are subject to disciplinary action.

- Willful disobedience, disruptive behavior, profanity or vulgarity, or the abuse of the college.
- Persistent serious misconduct.
- Violation of college rules and regulations including those concerning student organizations, the use of college facilities, or the time, place, and manner of public expression or distribution of materials.
- Dishonestly, such as cheating, plagiarism, or knowingly furnishing false information to the college.
- Unauthorized entry to or use of the facilities.
- Forging, alteration, or misuse of college documents, records, or identification.
- Obstruction or disruption of teaching, or other authorized college activities.
- Theft of or damage to property, or the possession of stolen property belonging to the college, a member of the college community, or a campus visitor.
- Misconduct which results in injury or death to a student or college personnel, or which results in injury to any real or personal property owned by the District.
- Soliciting or assisting another to do any act which would subject a student to discipline.
- Assault or battery, sexual assault, abuse, or any threat of force or violence directed toward any member of the college community.
- Use, possession, distribution or being under the influence of alcoholic beverages, narcotics, or dangerous drugs.
- Knowing possession or use of explosives, dangerous chemicals, or deadly weapons on college property.
- Knowingly access and without permission, alter, damage, copy, delete, destroy or otherwise use any data, computer program, computer system, or computer network.
- Smoking in any posted no-smoking area.

DISCIPLINE PROCESS

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

Procedure

1. The Disciplinary Authority is notified verbally and in writing within 3 instructional days of an infraction committed by a student.
2. The student is informed 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 initiates disciplinary action by notifying the Chief Student Services Officer.

Action

Students are subject to the following disciplinary actions:

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

Appeal

1. The notice of disciplinary action shall contain a statement affording the student the right to appeal and an appeal form.
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.
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) 608-6531

Campus Police
(916) 608-6588
(530) 642-5664
STUDENT GRIEVANCE POLICY

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

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

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

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

Steps to Filing Grievance:
Student Disciplinary Authority
(916) 608-6531

Level 1
Informal Grievance Resolution (Mandatory)
Timeline: Within ten (10) 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 Counseling ............... FLC (916) 608-6500
  EDC (530) 642-5645
- Sacramento Mental Health Center ........ (916) 875-1055
- El Dorado County Mental Health ........ (530) 621-6200
- Alcoholics Anonymous ............ Sacramento (916) 454-1100
  Placerville (530) 622-3500
- Narcotics Anonymous .................. 1 (800) 600-4673
- Cocaine Anonymous ..................... (916) 927-5740
- Dept. of Alcohol & Drug Programs .... 1 (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.
SAFETY AWARENESS AND CRIME PREVENTION

Safety at Folsom Lake College is everybody’s business. Students, staff, and faculty are partners in creating a safe and encouraging learning environment.

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

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

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 7:00 a.m. to 11:00 p.m. Monday through Thursday, and 7:00 a.m. to 5:00 p.m. on Friday whenever classes are in session. Parking regulations will be enforced 24 hours a day, seven days per week (LRCCD-2252).

CAMPUS SAFETY AND SECURITY

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 in FLP 2 or at El Dorado Center in the Maintenance Building, room 4.

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 8:00 a.m. and 5:00 p.m. 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.

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**Students who are required to comply with PC 290 must contact the College Police immediately.**  
(916) 608-6588, Portable Building 2.

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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 (under Cosumnes River 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, class schedules, at the College Police Office, and online at http://crc.losrios.edu/~police.

Folsom Lake Center (FLC) and El Dorado Center (EDC) crimes are included in the Cosumnes River College table below.

<table>
<thead>
<tr>
<th>Offense Type</th>
<th>Total On Campus</th>
<th>Non-Campus Buildings</th>
<th>**Public Property/ Neighborhood Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aggravated Assault</td>
<td>2 1 2</td>
<td>0 0 0</td>
<td>4 87 59</td>
</tr>
<tr>
<td>Arson</td>
<td>0 0 0</td>
<td>0 0 0</td>
<td>1 0 0</td>
</tr>
<tr>
<td>Burglary</td>
<td>0 0 8</td>
<td>0 0 0</td>
<td>28 338 607</td>
</tr>
<tr>
<td>Motor Vehicle Theft (^1)</td>
<td>8 5 6</td>
<td>0 0 0</td>
<td>28 479 422</td>
</tr>
<tr>
<td>Manslaughter-Negligent</td>
<td>0 0 0</td>
<td>0 0 0</td>
<td>0 0 0</td>
</tr>
<tr>
<td>Murder &amp; Non-Negligent Manslaughter</td>
<td>0 0 0</td>
<td>0 0 0</td>
<td>2 0</td>
</tr>
<tr>
<td>Robbery</td>
<td>1 0 1</td>
<td>0 0 0</td>
<td>3 86 76</td>
</tr>
<tr>
<td>Sex Offenses-F forcible</td>
<td>1 0 0</td>
<td>0 0 0</td>
<td>3 6 0</td>
</tr>
<tr>
<td>Sex Offense-Non-F forcible</td>
<td>1 0 0</td>
<td>0 0 0</td>
<td>1 0 0</td>
</tr>
<tr>
<td>Liquor Law Violations (arrests):</td>
<td>0 0 0</td>
<td>0 0 0</td>
<td>0 0 0</td>
</tr>
<tr>
<td>Drug Abuse Violations (arrests):</td>
<td>0 0 0</td>
<td>0 0 0</td>
<td>0 0 0</td>
</tr>
<tr>
<td>Weapons Possession (arrests):</td>
<td>0 0 1</td>
<td>0 0 0</td>
<td>2 4 17</td>
</tr>
<tr>
<td>Hate Crimes (by Prejudice)</td>
<td>0 0 0</td>
<td>0 0 0</td>
<td>0 0 0</td>
</tr>
<tr>
<td>Race</td>
<td>0 0 0</td>
<td>0 0 0</td>
<td>0 0 0</td>
</tr>
<tr>
<td>Gender</td>
<td>0 0 0</td>
<td>0 0 0</td>
<td>0 0 0</td>
</tr>
<tr>
<td>Religion</td>
<td>0 0 0</td>
<td>0 0 0</td>
<td>0 0 0</td>
</tr>
<tr>
<td>Sexual Orientation</td>
<td>0 0 0</td>
<td>0 0 0</td>
<td>0 0 0</td>
</tr>
<tr>
<td>Ethnicity</td>
<td>0 0 0</td>
<td>0 0 0</td>
<td>0 0 0</td>
</tr>
<tr>
<td>Disability</td>
<td>0 0 0</td>
<td>0 0 0</td>
<td>0 0 0</td>
</tr>
<tr>
<td>Total Crimes Reported</td>
<td>13 6 18</td>
<td>0 0 0</td>
<td>79 1033 1216</td>
</tr>
</tbody>
</table>

The (^) is used to indicate crimes at FLC
The (#) is used to indicate crimes at EDC

**Public Property/Neighborhood is defined as those crimes committed in locations neighboring Cosumnes River College Neighborhood crimes for 2001 include Valley Hi and North Laguna; for 1999 and 2000 only crimes for Valley Hi are reported.
Accounting

DEGREE
A.A. — Accounting

CERTIFICATES
Accounting
Accounting, Advanced
Accounting Clerk
Accounting, Computer Applications

This Folsom Lake College program provides training for entry-level employment in private industry or in government accounting. Study for self-employment as a provider of computer-based bookkeeping and/or tax services is also available. In addition, those individuals already employed in accounting can work toward career advancement by taking additional courses. Generally, employment in this specialization requires proficiency in business calculations.

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

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

Highlights
A traditional course of study in Accounting
Fundamentals, three levels of Financial
Reporting, Managerial Techniques, State and
Federal Income Taxation, Cost Accounting, and
Auditing
State-of-the-art software and equipment to
provide computerized accounting training
Internships, work experience with local
employers for college units, job shadowing,
guest speakers from the accounting industry,
field trips to accounting offices
A lab with tutorial assistance

DEGREE
A.A. — Accounting

REQUIRED PROGRAM ............................................................... Units

Business Core:
ACCT 301(1A) Financial Accounting .......................... 4
BUS 310 (8) Business Communications ....................... 3
BUS 330 (15) Managing Diversity in the Workplace .......... 3
BUS 340 (18A) Business Law ................................................. 3
BUS 300 (20) Introduction to Business ......................... 3
BUSTEC 302 (BUS 41) Computer-Keyboarding .............. 2
MKT 300 (20) Principles of Management or
MGMT 362 (24) Techniques of Management ........................ 3
CISC 310 (CIS 3) Intro. to Computer Information Science (3) or
Three (3) units to include:
CISC 300 (CIS 1) Computer Familiarization - (1) unit and
Two (2) additional units selected from:
CISA 300 (CIS 11A), CISA 310 (CIS 12A),
CISA 320 (CIS 13A), CISA 330 (CIS 17A),
CISA 340 (CIS 15A), CISA 350 (CIS 18A),
CISC 320 (CIS 14A), CISC 350 (CIS 16A), ....................... 3
ECON 302 (1A) Principles of Macroeconomics or
ECON 320 (14)/BUS 320 (14) Concepts of Personal Finance... 3

Accounting Option:
ACCT 103 (91A) Intermediate Accounting .................... 3
ACCT 104 (91B) Intermediate Accounting .................... 3
ACCT 107 (93) Auditing ......................................................... 3
ACCT 111 (92) Cost Accounting ......................................... 3
ACCT 311 (1B) Managerial Accounting ........................ 4
ACCT 341 (5) Accounting on the Microcomputer ............ 2
BUSTEC 101 (BUS 53) Computer Keyboarding: 10-Key ........ 1
TOTAL UNITS REQUIRED ..................................................... 46

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

**REQUIRED PROGRAM** .............................................................. Units  
ACCT 107 (93) Auditing ................................................................. 3  
ACCT 111 (92) Cost Accounting ....................................................... 3  
ACCT 301 (1A) Financial Accounting ............................................... 4  
ACCT 311 (1B) Managerial Accounting ............................................. 4  
ACCT 341 (5) Accounting on the Microcomputer .............................. 2  
BUS 340 (18A) Business Law .......................................................... 3  
**TOTAL UNITS REQUIRED** .......................................................... 19  
*Business 341 recommended for students intending to enter public accounting profession.

### CERTIFICATE
### Accounting, Advanced

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

### CERTIFICATE
### Accounting Clerk

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

### CERTIFICATE
### Accounting, Computer Applications

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

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

ACCT 101  
Fundamentals of College Accounting  3 Units  
Formerly: ACCT 60  
Prerequisite: None  
Hours: 54 hours LEC  
This accounting course focuses on basic accounting practices which emphasizes a practical application approach to the use of accounts, journals, ledgers, and financial statements. This course is recommended for students who intend to seek employment in the business office of a sole proprietorship organized for service or sales activity.

ACCT 103  
Intermediate Accounting  3 Units  
Formerly: ACCT 91A  
Prerequisite: ACCT 301. Grade of “C” or better required to meet prerequisite.  
Hours: 54 hours LEC  
This course provides a continuing study of the measurement and reporting of the results of operations and the financial condition of profit-directed business entities. Special emphasis will be given to the valuation of assets using the Financial Accounting Standards Board (FASB) as authority. Completion of ACCT 103 and 104 is required to complete the “advanced accounting” requirement for accounting classifications in state service. This course is not intended for transfer to a four-year college.

ACCT 104  
Intermediate Accounting  3 Units  
Formerly: ACCT 91B  
Prerequisite: ACCT 103. Grade of “C” or better required to meet prerequisite.  
Hours: 54 hours LEC  
This course is a continuing study of the measurement and reporting of the results of operations and the financial condition of profit-directed business entities. An emphasis is placed on accounting for stockholder’s equity, long-term liabilities, retained earnings, and dividends. This course and ACCT 103 constitute the “advanced accounting” requirement for some professional-level accounting classifications in California state service. This course is not intended for transfer to a four-year college.

ACCT 107  
Auditing  3 Units  
Formerly: ACCT 93  
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  
Formerly: ACCT 92  
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  
Formerly: ACCT 70  
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  
Formerly: ACCT 77  
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  
Formerly: ACCT 99I  
Prerequisite: None  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

ACCT 299  
Experimental Offering in Accounting  .5-4 Units  
Formerly: ACCT 99  
Prerequisite: None  
Hours: Variable  
See Catalog under Alternative Credit/Study Options
ACCT 301  
Financial Accounting  
4 Units
Formerly: ACCT 1A  
Prerequisite: None  
Advisory: BUS 105 or MATH 120.  
Course Transferable to UC/CSU  
(CAN BUS 2) (ACCT 301 & 311 = CAN BUS SEQ A)  
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
Formerly: ACCT 1B  
Prerequisite: ACCT 301. Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU  
(CAN BUS 4) (ACCT 301 & 311) = CAN BUS SEQ A)  
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
Formerly: ACCT 5  
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 wam 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
Formerly: ACCT 49I  
Prerequisite: None  
Course Transferable to UC/CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

ACCT 498  
Work Experience in Accounting  
1-4 Units
Formerly: ACCT 98  
Prerequisite: None  
Course Transferable to UC/CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

ACCT 499  
Experimental Offering in Accounting  
.5-4 Units
Formerly: ACCT 49  
Prerequisite: None  
Course Transferable to UC/CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options
Administration of Justice

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

CERTIFICATE
Administration of Justice, Correctional Science

Never before has there been a greater demand for well-trained and educated professionals in the law enforcement and correctional fields.

Folsom Lake College’s program concentrates on training individuals for entry-level positions in a wide variety of careers in the Administration of Justice field. Graduates will be able to seek employment at either the local, state, federal or private level. Such careers include corrections, uniform patrol, investigations and criminal identification.

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

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

DEGREE
A.A. — Administration of Justice

REQUIRED PROGRAM .............................................................. Units
ADMJ 300 (51) Introduction to Administration of Justice .................. 3
ADMJ 340 (52) Introduction to Correctional Services ...................... 3
ENGWR 124 (ENGL 59) Writing for the Corrections Officer .................. 3
ADMJ 320 (61) Concepts of Criminal Law.................................... 3
ADMJ 323 (62) Legal Aspects of Evidence ..................................... 3
ADMJ 305 (72) Community Relations ......................................... 3
ADMJ 330 (80) Criminal Investigation ......................................... 3
ADMJ 498 (98) Work Experience in Administration of Justice ............ 2-4

Plus six (6) units selected from:
ADMJ 322 (71), 331 (82), 370 (84), 304 (86), 346 (87) ................. 6

TOTAL UNITS REQUIRED .......................................................... 29-31

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

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

REQUIRED PROGRAM .............................................................. Units
ADMJ 340 (52) Introduction to Correctional Services ...................... 3
ENGWR 124 (ENGL 59) Writing for the Corrections Officer .................. 3
ADMJ 341 (53) Control & Supervision in Corrections ....................... 3
ADMJ 320 (61) Concepts of Criminal Law.................................... 3
ADMJ 345 (64) Legal Aspects of Corrections .................................. 3
ADMJ 347 (88) Correctional Counseling & Interviewing .................... 3
ADMJ 498 (98) Work Experience in Administration of Justice ............ 2-4

Completion of a College Affiliated Law Enforcement Academy OR
ADMJ 300 (51) Introduction to Administration of Justice (3)
ADMJ 346 (87) Probation and Parole (3)
ADMJ 305 (72) Community Relations (3)
ADMJ 330 (80) Criminal Investigation (3)

Above Selections Total ............................................................... 12

TOTAL UNITS REQUIRED .......................................................... 32-34

Suggested Electives:
ADMJ 323 (62), 322 (71), 370 (84), 304 (86); PSYC 320 (3), 350 (7);
SOC 321 (5); CISA 300 (CIS 11A) & CISA 301 (CIS 11B)
CERTIFICATE
Administration of Justice,
Correctional Science

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

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

Administration of Justice (ADMJ)

ADMJ 300
Introduction to Administration of Justice 3 Units
Formerly: ADMJ 51
Prerequisite: None
Advisory: Eligibility for ENGWR 101 and ENGRD 112.
Course Transferable to UC/CSU
Hours: 54 hours LEC
The history and philosophy of justice as it evolved in the study of American and English systems. An in-depth study of the American system and the various sub-systems; roles and role expectations of criminal justice agents in their interrelationships in society; concepts of crime causation, punishments and community relations; ethics, education and training for professionalism in the justice system.

ADMJ 304
Juvenile Delinquency 3 Units
Formerly: ADMJ 86
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
Formerly: ADMJ 72
Prerequisite: None
Course Transferable to UC/CSU
Hours: 54 hours LEC
Survey of the community relations problems currently facing the nation. Includes local, state and federal programs; methods of practical application of expounded ideals; directions for future innovation and change. Concepts of human relations applied to administration of justice problems.

ADMJ 320
Concepts of Criminal Law 3 Units
Formerly: ADMJ 61
Prerequisite: None
Advisory: ADMJ 300 and 340.
Course Transferable to UC/CSU (CAN AJ4)
Hours: 54 hours LEC
Philosophy and structure of criminal law; emphasis given to specific crimes, related laws and codes, annotations to codes and case studies.

ADMJ 322
Criminal Procedures 3 Units
Formerly: ADMJ 71
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
Formerly: ADMJ 62
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
Formerly: ADMJ 80
Prerequisite: None
Advisory: ADMJ 300 and 340.
Course Transferable to CSU
Hours: 54 hours LEC
Fundamentals involved in the investigation of crimes; interrogation of victims, witnesses, and suspects; police organization and procedure in the investigation of crimes; crime scene searches; surveillance; use of scientific aids.
ADMJ 331  
**Patrol Procedures**  
3 Units  
Formerly: ADMJ 82  
Prerequisite: ADMJ 300 and 340. Grade of “C” or better required to meet prerequisite.  
Course Transferable to CSU  
Hours: 54 hours LEC  
Organization of the patrol division; types of patrol; patrol duties; tactics and methods. Role of the patrol officer in community relations; crime prevention; police professionalization and minority group problems.

ADMJ 332  
**Evidence and the Laboratory**  
3 Units  
Formerly: ADMJ 81  
Prerequisite: ADMJ 300 and 340. Grade of “C” or better required to meet prerequisite.  
Course Transferable to CSU  
Hours: 36 hours LEC ; 54 hours LAB  
Introduction of the field of criminalistics; the role of the laboratory in the administration of justice system; degrees and limits of scientific conclusions; introduction to technical equipment; examination of characteristics; properties and means of analyzing categories of physical evidence. Students may wish to challenge the prerequisite on the basis of equivalent experience.

ADMJ 334  
**Traffic Problems**  
3 Units  
Formerly: ADMJ 83  
Prerequisite: ADMJ 300 and 340. Grade of “C” or better required to meet prerequisite.  
Course Transferable to CSU  
Hours: 54 hours LEC  
Traffic unit organization; the highway safety program; police traffic supervision; traffic direction and law enforcement. Fundamentals of traffic accident investigation; provisions of the vehicle code; police traffic problems.

ADMJ 340  
**Introduction to Correctional Services**  
3 Units  
Formerly: ADMJ 52  
Prerequisite: None  
Course Transferable to CSU  
Hours: 54 hours LEC  
Survey of the Criminal Justice system with emphasis on the contemporary correctional process. Description and evaluation of the impact of deviate behavior, police involvement, jails, the judicial system, correctional institutions, probation, parole and community resources. Introduction to career opportunities in corrections.

ADMJ 341  
**Control and Supervision in Corrections**  
3 Units  
Formerly: ADMJ 53  
Prerequisite: None  
Course Transferable to CSU  
Hours: 54 hours LEC  
The philosophy and theory of supervision is a major component in the core knowledge of a professional corrections field. This course is designed as a core course in an associate degree in Correctional Science and is one of the courses certifiable by the Commission on Correctional Peace Officers Standards and Training as a part of the education of corrections professionals.

ADMJ 342  
**Gangs and Corrections**  
3 Units  
Formerly: ADMJ 54  
Prerequisite: None  
Course Transferable to CSU  
Hours: 54 hours LEC  
This course is designed to provide the student with a specialized field of knowledge as it relates to the correctional impact of gangs. Following a development of the history of gangs and the issues associated with the number of gangs, the course will focus on the emergence of prison gangs following a series of changes within correctional systems. Included in the course will be review of the types of gangs and the criminal activities associated with these gangs. Special emphasis is placed on the gang and correctional issues including identification, intake, classification, communication and trends. Psychological and sociological dynamics are explored. Institutional management as well as future trends will be examined.

ADMJ 343  
**Supervision in Corrections**  
3 Units  
Formerly: ADMJ 55  
Prerequisite: ADMJ 340. Grade of “C” or better required to meet prerequisite.  
Course Transferable to CSU  
Hours: 54 hours LEC  
After introducing the theory and practices of supervision as it is practiced in the business and public sector, this course will focus on the skills and knowledge of supervision as applied in corrections. Examples, scenarios and case studies from both juvenile and adult corrections and parole will be utilized. Students in this course should have some experience or education in the corrections field. The intent of this course is to provide the student with a basic understanding of the subject which can be the foundation for further agency specific training.

ADMJ 344  
**Leadership Development in Corrections**  
3 Units  
Formerly: ADMJ 56  
Prerequisite: ADMJ 340. Grade of “C” or better required to meet prerequisite.  
Course Transferable to CSU  
Hours: 54 hours LEC  
This course is an introduction to leadership theory and practice. Although the primary setting for leadership examples are the correctional environment, they are related to the more general leadership styles and theories of government and business. Emphasis is given to leadership skills and experiences which will be of benefit to an individual with background (either educational or experiential) in corrections at the local, state or federal level.

ADMJ 345  
**Legal Aspects of Corrections**  
3 Units  
Formerly: ADMJ 64  
Prerequisite: None  
Course Transferable to CSU  
Hours: 54 hours LEC  
This course provides students with an awareness of the historical framework, concepts and precedents that guide correctional practice. Course material will broaden the individuals perspective of the corrections environment, the civil right of prisoners and responsibilities and liabilities of corrections officials.
ADMJ 346
Probation and Parole  3 Units
Formerly: ADMJ 87
Prerequisite: ADMJ 300 and 340. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 54 hours LEC
Description of probation and parole as a segment of the criminal justice system. A comparison of organization and objectives as practiced in different jurisdictions. Provides an overview of historical development and theory. A review of goals in treatment of adult and juvenile offenders at municipal, state and federal levels.

ADMJ 347
Correctional Counseling and Interviewing  3 Units
Formerly: ADMJ 88
Prerequisite: ADMJ 300 and 340. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 54 hours LEC
This course is an overview of the techniques in counseling and interviewing available to practitioners in corrections. The student will learn the use of appropriate techniques and theories in confidence building, which may be used by the correctional employees in client interviews and counseling. This is a basic course for students planning to enter or already employed within the correctional science field.

ADMJ 348
Correctional Staff and Client Relationships  3 Units
Formerly: ADMJ 89
Prerequisite: ADMJ 300 and 340. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 54 hours LEC
Study of staff attitudes and interaction with clients, family and friends and other agencies in a professional setting. The importance of understanding the dynamics of undesirable behavior; the techniques of correctional employees influencing conformity and desirable behavior in the controlled setting of institutions and in probation and parole situations.

ADMJ 370
Illegal Drugs - Identification and Investigation  3 Units
Formerly: ADMJ 84
Prerequisite: None
Course Transferable to CSU
Hours: 54 hours LEC
The study of current drugs of abuse will include identification, street terms, prices, methods of use, history, and recognizing persons under the influence. The course also examines current law and law enforcement trends including informants, search and seizure, courtroom testimony, and preparation of warrants.

ADMJ 494
Topics in Administration of Justice  .5-4 Units
Formerly: ADMJ 91
Prerequisite: None
Course Transferable to CSU
Hours: Variable
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
Formerly: ADMJ 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

ADMJ 498
Work Experience in Administration of Justice  1-4 Units
Formerly: ADMJ 98
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

ADMJ 499
Experimental Offering in Administration of Justice  .5-4 Units
Formerly: ADMJ 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
Allied Health

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.

Highlights
Course is taught by certified health care professionals

Allied Health (AH)

AH 110
Medical Language for Health-Care Providers
Formerly: AH 54
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
Medical Transcription
Formerly: AH 68
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

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)

ANTH300
Physical Anthropology
3 Units
Formerly: ANTH 1
Prerequisite: None
Course Transferable to UC/CSU (CAN ANTH 2)
Hours: 54 hours LEC
This introductory course analyzes the human place in nature. The class focuses on how humans evolved and the unique role of culture in our evolution and how genetics and reproduction shape our lives. The course also covers the classification and distribution of living and extinct human populations, how we determine the geological age of our ancestors, and our relationship to non-human primates such as apes and monkeys.

ANTH301
Physical Anthropology Laboratory
1 Unit
Formerly: ANTH 11
Prerequisite: None
Advisory: Concurrent or previous enrollment in ANTH 300 or other natural science course.
Course Transferable to UC/CSU
Hours: 54 hours LAB
This is an introductory laboratory course dealing with human evolution, human, ape and monkey bone identification (osteology). Identification and measurement of skeletons, determining age and sex from bones, examination of human fossils, forensics, monkey and ape behavior as well as human development will be covered.
ANTH 310
Cultural Anthropology 3 Units
Formerly: ANTH 2
Prerequisite: None
Course Transferable to UC/CSU
(CAN ANTH 4)
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 330
Magic, Witchcraft and Religion 3 Units
Formerly: ANTH 12
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 495
Independent Studies in Anthropology 1-3 Units
Formerly: ANTH 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

ANTH 499
Experimental Offering in Anthropology .5-4 Units
Formerly: ANTH 49
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
Architecture

The Folsom Lake College courses (limited) are used for students pursuing a degree in Architecture and Art. Courses taken at FLC may be used to meet the requirements for the AS degree offered by Cosumnes River College. These courses are articulated with California State Polytechnic University at San Luis Obispo and the University of California at Berkeley. Students should see a counselor for additional information.

Career Options
- Architecture; Art, Drafting; Inspection; Planning; Construction

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
- Participation in architecturally-related events such as the Design Village Competition at Cal Poly San Luis Obispo
- Field trips to a variety of architectural sites for study and appreciation
- Special studies in environmental sustainability and energy conscious design. Participation in the Leading Edge Energy Design Competition

ARCHITECTURE (ARCH)

ARCH 310
History of Architecture
3 Units
Formerly: ARCH 40
Prerequisite: None
Advisory: Eligibility for ENGW 101.
Course Transferable to UC/CSU; UC-See Counselor
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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
<th>Prerequisite</th>
<th>Course Transferable</th>
<th>Hours</th>
<th>See Catalog under Alternative Credit/Study Options</th>
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<tbody>
<tr>
<td>ARCH 320</td>
<td>Architectural Design and Communication I</td>
<td>3.5</td>
<td>This course includes the principles, concepts, methods and skills pertaining to the freehand and drafted construction</td>
<td>None</td>
<td>UC/CSU</td>
<td>54 LEC + 27 LAB</td>
<td>Alternative Credit/Study Options</td>
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<td>of drawings employing orthographic, axonometric, oblique, and lineal perspective drawing systems to represent ideas,</td>
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<td>objects and environments. The principles and concepts of two and three-dimensional visual and architectural design are</td>
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<td>included. This course is required of all beginning architectural students.</td>
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<tr>
<td>ARCH 321</td>
<td>Architectural Design and Communication II</td>
<td>3.5</td>
<td>This course is a continuation and development of the content and issues introduced in ARCH 320 plus the principles,</td>
<td>ARCH 6. Grade of “C” or better required to</td>
<td>UC/CSU</td>
<td>54 LEC + 27 LAB</td>
<td>Alternative Credit/Study Options</td>
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<td>concepts, methods and skills pertaining to the freehand and drafted construction of shadows, physical model building,</td>
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<td>entourage and color theory.</td>
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<td>ARCH 495</td>
<td>Independent Studies in Architecture</td>
<td>1-3</td>
<td>Former: ARCH 49I</td>
<td>None</td>
<td>CSU</td>
<td>Variable</td>
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<td>Prerequisite: None</td>
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<td>ARCH 498</td>
<td>Work Experience in Architecture</td>
<td>1-4</td>
<td>Former: ARCH 48</td>
<td>None</td>
<td>CSU</td>
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<td>Prerequisite: None</td>
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<tr>
<td>ARCH 499</td>
<td>Experimental Offering in Architecture</td>
<td>.5-4</td>
<td>Former: ARCH 49</td>
<td>None</td>
<td>CSU</td>
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<td>Prerequisite: None</td>
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Art

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

Folsom Lake College's art curriculum offers introductory and intermediate level courses in painting, watercolor, computer art, drawing, sculpture, ceramics, printmaking and design, as well as courses in art appreciation and art history. Through the program's art theory and art practice classes, students develop an awareness and understanding of the materials, tools, rationale and significance of art in society. The art curriculum's critical thinking and technical skills components encourage students to utilize independent thought processes and problem solving. This program provides transfer and employment opportunities as well as personal enrichment for students. The art faculty is composed of professional artists with diverse specializations encompassing the spectrum of the classes offered.

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

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

Highlights
Art faculty who have exhibited regionally, nationally and internationally
Opportunities to explore artistic pursuits in two- and three-dimensional media using a wide variety of materials and techniques
Regularly scheduled trips to major museums
Guest lectures and demonstrations

DEGREE
A.A. — Art, Studio Art

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

DEGREE
A.A. — Art, Design

REQUIRED PROGRAM ............................................................... Units
ART 300 (11A) Elementary Drawing and Composition ............ 3
ART 304 (12A) Figure Drawing and Composition ................. 3
ART 320 (14) Design: Fundamentals ................................. 3
ART 323 (15B) Design: Color Theory ................................ 3
ARCH 320 (3) Architectural Design and Communication I .... 3.5
Plus one (1) course selected from: ...................................... 2-3
ART 325 (30A), 410 (40); CISA 330 (CIS 17A),
CISA 331 (CIS 17B); JOUR 335 (35A), 336 (35B)
Plus one (1) art history course from: .................................... 1-3
ARTH 303 (ART 3), ARTH 309 (ART 4), ARTH 311 (ART 5),
ARTH 312 (ART 35); PHOTO 300 (1), ARTH 332 (ART 9)
Special Projects:
ART 494 (42) or 499 (49) ..................................................... 2
TOTAL UNITS REQUIRED .................................................. 23.5-26.5
DEGREE
A.A. — Art, Art History

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

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Art (ART)

ART 300
Elementary Drawing and Composition 3 Units
Formerly: ART 11A
Prerequisite: None
Course Transferable to UC/CSU
(CAN ART 8)
Hours: 36 hours LEC ; 54 hours LAB
This course covers the fundamentals of drawing emphasizing the use
of line, shape, value, perspective, space, and composition. It
introduces and uses various mediums and techniques for drawing.
This is a foundation requirement for all art students. This course
may be taken two times for credit.

ART 302
Elementary Drawing and Composition 3 Units
Formerly: ART 11B
Prerequisite: ART 300. Grade of “C” or better required to meet
prerequisite.
Course Transferable to UC/CSU
Hours: 36 hours LEC ; 54 hours LAB
This studio course utilizes the skills acquired in ART 300 to pursue
more complex problems. The student will initiate and execute a
series of related works. This course may be taken two times for credit.

ART 304
Figure Drawing and Composition 3 Units
Formerly: ART 12A
Prerequisite: ART 300. Grade of “C” or better required to meet
prerequisite.
Course Transferable to UC/CSU
(ART 304 & 305 together = CAN ART 24)
Hours: 36 hours LEC ; 54 hours LAB
This studio class offers drawing from the human figure. There will
be lectures and discussion on proportion, anatomy, and the
relationship of the figure to space and composition. This course
may be taken two times for credit. 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
Formerly: ART 12B
Prerequisite: ART 304. Grade of “C” or better required to meet
prerequisite.
Course Transferable to UC/CSU
(ART 304 & 305 together = CAN ART 24)
Hours: 36 hours LEC ; 54 hours LAB
This course utilizes the skills acquired in ART 304 to pursue more
complex work in figure drawing. There will be lecture, class work,
and discussion of proportion, anatomy, and the relationship of the
figure to its environment spatially and compositionally. This course
may be taken two times for credit.

ART 307
Rendering 3 Units
Formerly: ART 13
Prerequisite: ART 300. Grade of “C” or better required to meet
prerequisite.
Course Transferable to UC/CSU
Hours: 36 hours LEC ; 54 hours LAB
This course covers problems in linear and tonal drawing techniques
resulting in the accurate representation of objects and their
environments. This class may be taken two times for credit.

ART 312
Portraiture 3 Units
Formerly: ART 36
Prerequisite: None
Course Transferable to UC/CSU
Hours: 36 hours LEC ; 54 hours LAB
This course is an introduction to and exploration of the human face
as a subject in art. Focus will be placed on the development of skills
needed to portray specific individuals rather than a generalized
image. This is primarily a practice course including elements of the
history and traditions of portraiture as well as anatomy. The course
may be taken two times for credit.
ART 316
Cartooning 3 Units
Formerly: ART 22
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
Formerly: ART 14
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
Formerly: ART 15B
Prerequisite: None
Course Transferable to UC/CSU
Hours: 36 hours LEC ; 54 hours LAB
The course will cover a series of studio problems in the use and understanding of color and its applications in fine and applied arts such as graphic, interior, and product design. The basics of color theory, interaction, and psychology will be addressed in lecture and projects. It also includes image and composition as related to the use of color both functionally and creatively.

ART 327
Painting 3 Units
Formerly: ART 17A
Prerequisite: ART 300. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 36 hours LEC ; 54 hours LAB
This is an introduction to the tools, materials, and techniques of painting. Coursework includes exercises in light and color theory, description of form, color and spatial development, and composition. This course may be taken two times for credit.

ART 328
Painting 3 Units
Formerly: ART 17B
Prerequisite: ART 327. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 36 hours LEC ; 54 hours LAB
This is an intermediate studio course for the student who wishes to develop greater technical skills and problem-solving ability in a more independent framework. The student will initiate and execute progressively complex problems and assignments. This course may be taken two times for credit.

ART 336
Watercolor Painting 3 Units
Formerly: ART 20A
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
Formerly: ART 20B
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
Formerly: ART 39A
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
Formerly: ART 16
Prerequisite: None
Course Transferable to UC/CSU
(CAN ART 16)
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 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 372
Sculpture  3 Units
Formerly: ART 21A
Prerequisite: None
Course Transferable to UC/CSU
(CAN ART 12)
Hours: 36 hours LEC ; 54 hours LAB
This is a basic practice class in the expressive use of form and color in space. The student will use a variety of media, including plaster, wood, glass, clay, or stone. Creative effort, development of individual expression, new ideas, and knowledge of technical processes will be stressed. Content will be developed by using both historical and contemporary approaches. This course may be taken two times for credit.

ART 373
Sculpture  3 Units
Formerly: ART 21B
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 402
Beginning Clay Sculpture  3 Units
Formerly: ART 34A
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
Formerly: ART 34B
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
Formerly: ART 26
Prerequisite: None
Course Transferable to CSU
Hours: 45 hours LEC ; 27 hours LAB
This is an exploratory course in children’s art, dealing with the three aspects of art: seeing and feeling visual relationships, producing works of art, and knowing and understanding art objects. At each age and grade level, art will be selected as it relates to the child’s growth and development. Suggested for recreational leadership, preschool or elementary teachers, and care givers.

ART 494
Topics in Art  .5-4 Units
Formerly: ART 42
Prerequisite: None
Advisory: ART 300 and 320.
Course Transferable to UC/CSU; UC-See Counselor
Hours: Variable
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
Formerly: ART 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

ART 499
Experimental Offering in Art  .5-4 Units
Formerly: ART 49
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
Art History (ARTH)

ARTH 300
Introduction to Art 3 Units
Formerly: ART 10
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, design principles, and rationale of creating. This course is recommended as a basis for the understanding of art.

ARTH 303
Art Survey: Ancient to 14th Century 3 Units
Formerly: ART 3
Prerequisite: None
Course Transferable to UC/CSU
(CAN ART 2) (ARTH 303 & ARTH 309 = CAN ART SEQ A)
Hours: 54 hours LEC
This course traces the developments in art from pre-historic times through the 14th Century. Emphasis will be given to artifacts, architecture, painting, and sculpture.

ARTH 309
Art Survey: Renaissance to 19th Century 3 Units
Formerly: ART 4
Prerequisite: None
Course Transferable to UC/CSU
(CAN ART 4) (ARTH 303 & ARTH 309 = CAN ART SEQ A)
Hours: 54 hours LEC
This course covers the architecture, graphic art, artifacts, painting and sculpture of world cultures from Renaissance period through the 19th Century.

ARTH 311
Art Survey: Modern Art 3 Units
Formerly: ART 5
Prerequisite: None
Course Transferable to UC/CSU
Hours: 54 hours LEC
This course presents the study and evaluation of diverse art forms of world cultures from late 19th Century through the 21st Century.

ARTH 312
Women in Art 3 Units
Formerly: ART 35
Prerequisite: None
Course Transferable to UC/CSU
Hours: 54 hours LEC
This is a survey course of women’s art from the Middle Ages to the present; including the art of both European and non-European cultures. This course is presented through slide lecture and discussion which will include historical and cultural context, limitations imposed by society, and the differences and similarities of other artists in each period.

ARTH 326
Traditional Native American Art 3 Units
Formerly: ART 47
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
Formerly: ART 9
Prerequisite: None
Course Transferable to UC/CSU
Hours: 54 hours LEC
This course is an introduction to and comparative survey of the major forms and trends in the arts, architecture and artifacts of Asia from the Neolithic to the contemporary. The role of secular and religious ideas and ideals are examined, the similarities and differences among the cultures are assessed and the contributions to world culture are appraised to create understanding, appreciation and tolerance.

ARTH 499
Experimental Offering in Art History .5-4 Units
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
Automotive Mechanics Technology

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
Formerly: AMT 57
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
Formerly: AMT 58
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
Formerly AMT 63
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
Formerly: AMT 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

AMT 498
Work Experience in Automotive Mechanics Technology 1-4 Units
Formerly: AMT 98
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

AMT 499
Experimental Offering in Automotive Mechanics Technology .5-4 Units
Formerly: AMT 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
DEGREE  A. S. — Biology: Biological Sciences

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

Students planning to continue for a four-year degree should consult the lower division requirements of the transfer program of the university to which they plan to attend.

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

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

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

TOTAL UNITS REQUIRED .......................................................... 39-47
## PRE-NURSING OPTION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>BIOL 440</td>
<td>General Microbiology</td>
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<td>BIOL 430</td>
<td>Anatomy and Physiology</td>
<td>5</td>
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<tr>
<td>BIOL 431</td>
<td>Anatomy and Physiology</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 307</td>
<td>Introduction to Chemistry</td>
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<td>CHEM 308</td>
<td>Introduction to Chemistry</td>
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<tr>
<td>NUTRI 300</td>
<td>Nutrition</td>
<td>3</td>
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<td>FCS 324</td>
<td>Human Development: A Life Span</td>
<td>3</td>
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<td>PSYC 300</td>
<td>General Principles (3) or PSYC 320</td>
<td>3</td>
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<td></td>
<td>Social Psychology (3)</td>
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**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.

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

**TOTAL UNITS REQUIRED**: 31-57

(Depending on option selected)

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### Biology (BIOL)

**BIOL 300**

**The Foundations of Biology** 3 Units

Formerly: BIOL 12

*Prerequisite: None*

*Course Transferable to UC/CSU; UC-See Counselor*

*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

Formerly: BIOL 13

*Prerequisite: None*

*Course Transferable to UC/CSU; UC-See Counselor*

*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

Formerly: BIOL 16

*Prerequisite: None*

*Course Transferable to UC/CSU; UC-See Counselor*

*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.

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**NOTE: ALL BIOLOGY STUDENTS**

A glassware replacement deposit is required to participate in designated Biology courses. The deposit is payable at the Admissions Office prior to the third class meeting. This deposit is refundable at the end of the semester; however, if biology glassware is broken or missing, the charge will be deducted from the deposit. (Title V, Section 59400 and District Policy 2253).
BIOL 350
Environmental Biology 3 Units
Formerly: BIOL 14
Prerequisite: None
Course Transferable to UC/CSU
Hours: 54 hours LEC
This course provides an overview of ecosystems and natural resources. Major topics covered include ecological principles, ecosystem functioning, conservation biology, resource use and management, pollution and other human-caused environmental impacts. This course provides the background needed to understand major global and regional issues such as acid rain, global warming, hazardous waste disposal, deforestation and endangered species recovery. BIOL 350 is especially useful for Environmental Technology, Environmental Sciences, Ecology, Recreation, Education and Political Science majors. Field trips, attendance at public meetings and/or a semester project may be required. Not open to students who have received credit for ENVT 304.

BIOL 380
Natural History Field Study of Coastal Ecosystems: Gulf of the Farallones National Marine Sanctuary 1 Unit
Formerly: BIOL 24C
Prerequisite: None
Course Transferable to CSU
Hours: 12 hours LEC ; 18 hours LAB
The Gulf of the Farallones Marine Sanctuary encompasses millions of acres of land north of San Francisco and offshore areas that include the Farallon Islands and the Cordell Banks. Through lecture and field excursions, participants will learn geology, biology, and ecology associated with this pristine system. A tour along the San Andreas Fault, birding at Drakes Bay and Bolinas Lagoon, and a visit to Hawk Hill during the incredible raptor migration is also featured in this class.

BIOL 382
Natural History Field Study of Desert Ecosystems 1-4 Units
Formerly: BIOL 24D
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: Yosemite High Country and Eastern Sierra Nevada 1 Unit
Formerly: BIOL 24F
Prerequisite: None
Course Transferable to CSU
Hours: 12 hours LEC ; 18 hours LAB
The Yosemite region of the Sierra Nevada is unparalleled in its grandeur and spectacular natural history. Students will discover the many wonders of this region at the heart of the “Range of Light.” Designed to accommodate the backcountry novice and seasoned veteran alike, this course provides an overview and introduction to the ecology of the Yosemite and Eastern Sierra Nevada areas. Students will learn about geologic and glacial processes, identify alpine plant and animal species, and enjoy outstanding vistas and scenery while hiking in one of the world’s most beautiful alpine environments. Students will also return with a greater understanding and appreciation for the natural processes that make the Yosemite one of the world’s most popular destinations.

BIOL 386
Natural History Field Study of Marine Ecosystems 1-4 Units
Formerly: BIOL 24M
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
Formerly: BIOL 24R
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: The Heart of the Delta 1 Unit
Formerly: BIOL 24W
Prerequisite: None
Course Transferable to CSU
Hours: 12 hours LEC ; 18 hours LAB
This class will focus on the biology, ecology and natural history of wildlife preserves on the northern and eastern boundaries of the Sacramento-Joaquin Delta. Hiking tours of pristine areas such as the Isenberg crane preserve, the Nature Conservancy’s Cosumnes River Preserve and Stone Lakes National Wildlife Refuge will occur. A very special visit to the Chinese community of Locke, CA is planned.

BIOL 390
Natural History Field Study: Whales-Whales, Marine Mammals of California .5 Unit
Formerly: BIOL 24
Prerequisite: None
Course Transferable to CSU
Hours: 6 hours LEC ; 9 hours LAB
This course is designed to present an ecological natural history preview of the common marine mammals of the Monterey Bay and Farallones Sanctuary areas, with a special emphasis given to the resident and migratory whales, the northern elephant seal and the California sea otter. During our time together we will discuss life histories of these three very important species of marine mammals, experience a 5-hour ocean cruise in search of baleen and toothed whales and some of their close relatives, viewing sea otters and their newborn babies and observing monarch butterflies, which are often forgotten for their impressive winter and spring migrations, are additional activities. Historically, this is Ed Ricketts and John Steinbeck’s old neighborhood. The spirit of these men will be with you!

BIOL 400
Principles of Biology 5 Units
Formerly: BIOL 1A
Prerequisite: CHEM 300; 307 or 400 (CHEM 307 or 400 may be taken concurrently); or the equivalent (Biology Department will advise Counseling of equivalencies). Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
(CAN BIOL 2) (BIOL 400+410+420 = CAN BIOL SEQ A)
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
Formerly: BIOL 2
Prerequisite: BIOL 400. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
(CAN BIOL 6) (BIOL 400+410+420 = CAN BIOL SEQ A)
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
Formerly: BIOL 3
Prerequisite: BIOL 400. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
(CAN BIOL 4) (BIOL 400+410+420 = CAN BIOL SEQ A)
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
Formerly: BIOL 25
Prerequisite: CHEM 300, 307, or 400 or equivalent high school laboratory chemistry course. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 54 hours LEC ; 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
Formerly: BIOL 26
Prerequisite: BIOL 430. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 54 hours LEC ; 108 hours LAB
This is an introductory course in which the basic principles of human anatomy and physiology are presented in an integrated fashion. This course covers the circulatory, respiratory, digestive, urinary, endocrine and reproductive systems. Both BIOL 430 and BIOL 431 must be taken to study all of the major body systems.
**BIOL 440**  
General Microbiology  
Formerly: BIOL 6  
Prerequisite: CHEM 307 or equivalent high school laboratory chemistry course. Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU  
(CAN BIOL 14)  
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  
Formerly: BIOL 30  
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 495**  
Independent Studies in Biology  
Formerly: BIOL 491  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

**BIOL 499**  
Experimental Offering in Biology  
Formerly: BIOL 49  
Prerequisite: None  
Course Transferable to UC/CSU; UC-See Counselor  
Hours: Variable  
See Catalog under Alternative Credit/Study Options
Business

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

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

Folsom Lake College's business programs are designed to provide an entrance into an exciting career. Many opportunities are available which 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 an award winning course Students in Free Enterprise (SIFE) 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 56, and a maximum of 70, transfer units. The Counseling Center has information regarding requirements, which may vary from the core listed below, at other four-year institutions. The course work may include all of the pre-major core courses and transfer general education requirements.

Each of the following core courses must be completed with a grade of “C” or better:
Accounting 301 (1A), 311 (1B)
Computer Information Science CISA 300 (11A), CISA 310 (12A), CISC 320 (14A)
Economics 302 (1A), 304 (1B)
Mathematics 341 (43) or 343 (44)
Statistics 300 (1)
Competency in a foreign language at the 412 (2B) level is required for an International Business major

In addition to the above core, a student, in consultation with a counselor, should plan a program to meet the transfer general education requirements.
DEGREE
A.A.—Business, General, Transfer

This program provides the courses necessary for a transfer to a four-year college in business while also allowing the student to select courses which fit his/her individual needs and desires.

REQUIRED PROGRAM .......................................................... Units
ACCT 301 (1A) Financial Accounting ................................. 4
ACCT 311 (1B) Managerial Accounting ............................... 4
BUS 345 (16) Law and Society or
BUS 340 (18A) Business Law .............................................. 3
CISA 300 (CIS 11A) Beginning Word Processing (1) and
CISC 310 (CIS 12A) Electronic Spreadsheets (1) and
CISC 320 (CIS 14A) Operating Systems (1) or
CISC 310 (CIS3) Intro to Computer Information Science (3) ... 3
ECON 302 (1A) Principles of Macroeconomics .................. 3
ECON 304 (1B) Principles of Microeconomics .................... 3
MATH 341 (43) Calculus for Business and Economics (4) or
MATH 343 (44) Modern Business Mathematics (4) ............... 4
STAT 300 (1) Introduction to Probability and Statistics ..... 4
TOTAL UNITS REQUIRED ................................................... 31

Suggested Electives:
ACCT 341 (5); BUS 310 (8), 345 (16), 340 (18A),
BUSTEC 302 (BUS 41), BUS 303 (42);
CISC 300 (CIS 1), CISP 320 (CIS 36A);
MGMT 372 (23), 362 (24); MKT 300 (20); RE 300 (19).

DEGREE
A.A.—Business, General

This program provides an overview of business fundamentals for students interested in most business occupations. The program is also recommended for general government service occupations.

REQUIRED PROGRAM .......................................................... Units
ACCT 301 (1A) Financial Accounting or
ACCT 101 (60) Fundamentals of College Accounting ..........3-4
BUS 310 (8) Business Communication ..................3
BUS 330 (15) Managing Diversity in the Workplace ...........3
BUS 345 (16) Law and Society or
BUS 340 (18A) Business Law .............................................. 3
BUSTEC 302 (BUS 41) Computer Keyboarding .................. 2
MKT 300 (20) Principles of Marketing ............................ 3
ECON 302 (1A) Principles of Macroeconomics or
ECON 320 (14) BUS 320 (14) Concepts of Personal Finance or
ECON 100 (55) Introduction to Economics ........................ 3
CISC 310 (CIS 3) Intro to Computer Information Science or
Three (3) units to include:
CISC 300 (CIS 1) [1 unit] and
Any two (2) additional units selected from:
CISA 300 (CIS 11A), CISA 310 (CIS 12A), CISA 320 (CIS 13A),
CISC 320 (CIS 14A), CISA 340 (CIS 15A), CISC 350 (CIS 16A),
CISA 330 (CIS 17A), CISA 350 (CIS 18A) ............................... 3
ECON 302 (1A) Principles of Macroeconomics or
ECON 320 (14) BUS 320 (14) Concepts of Personal Finance ...... 3

General Options:
BUS 498 (98) Work Experience (3)
Plus six (6) units from one concentration selected from: ....... 6
Accounting, Business, Computer Information Science,
Management, Marketing, or Real Estate

TOTAL UNITS REQUIRED ................................................... 36-37

Suggested Electives:
ACCT 311 (1B), 341 (5), 121(70); BUS 360 (24), 350 (25), 100 (50),
210 (71A), 212 (71B), 214 (71C), 218 (71E),
CISA 301(CIS 11B), CISA 302 (CIS 11C), CISA 311(CIS 12B),
CISA 321 (CIS 13B), CISC 321 (CIS 14B), CISC 351 (CIS 16),
CISA 331 (CIS17B), CISW 380 (CIS 24) or CISW 425 (CIS 25);
MGMT 360 (21), 372 (23), 176 (81), 308 (22); MKT 310 (22),
312 (24), 316 (24), 120 (50), 122 (51); RE 300 (19), 110 (81),
120 (82), 130 (83).

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

REQUIRED PROGRAM .......................................................... Units
Business Core:
ACCT 301 (1A) Financial Accounting or
ACCT 101 (60) Fundamentals of College Accounting ........3-4
BUS 310 (8) Business Communication ........................... 3
BUS 330 (15) Managing Diversity in the Workplace .......... 3
BUS 345 (16) Law and Society or
BUS 340 (18A) Business Law .............................................. 3
BUS 300 (20) Introduction to Business ............................... 3
BUSTEC 302 (BUS 41) Computer Keyboarding .................. 2
MKT 300 (20) Principles of Marketing ............................ 3
ECON 302 (1A) Principles of Macroeconomics or
ECON 320 (14) BUS 320 (14) Concepts of Personal Finance or
ECON 100 (55) Introduction to Economics ........................ 3
CISC 310 (CIS 3) Intro to Computer Information Science or
Three (3) units to include:
CISC 300 (CIS 1) Computer Familiarization (1) and
Any two (2) additional units selected from:
CISA 300 (CIS 11A), CISA 310 (CIS 12A),
CISA 320 (CIS 13A), CISC 320 (14A), CISA 340 (15A),
CISC 350 (CIS 16A), CISA 330 (CIS 17A),
CISA 350 (CIS18A) .............................................................. 3

Small Business Management/Entrepreneurship Option:
MKT 310 (22) Selling Professionally or
MKT 314 (26) CMED 376 (60) Advertising ........................ 3
BUS 350 (25) Small Business Mngmnt/Entrepreneurship (3) or
Three (3) units selected from:
BUS 210 (71A), 212 (71B), 214 (71C), 218 (71E),
222 (71G), 224 (71-I) .................................................. 3
BUS 498 (98) Work Experience (3) or
Human/Career Development (any course combination) (3) .... 3
TOTAL UNITS REQUIRED ................................................. 35-36

Suggested Electives:
ACCT 125 (5), 125 (77), 341 (5);
MGMT 300 (1), 372 (23), 362 (24).
CERTIFICATE
Small Business Management/Entrepreneurship

REQUIRED PROGRAM .......................................................... Units
BUS 310 (8) Business Communication ............................... 3
BUS 300 (20) Introduction to Business ............................... 3
BUSTEC 302 (BUS 41) Computer Keyboarding ................. 2
MKT 300 (20) Principles of Marketing ............................ 3
MKT 310 (22) Selling Professionally ............................. 3
BUS 350 (25) Small Business Management/Entrepreneurship (3) or
Three (3) units selected from: ....................................... 3
BUS 210 (71A), 212 (71B), 214 (71C), 218 (71E),
220 (71F), 222 (71G), 224 (71-I)
CISC 310 (CIS 3) Intro to Computer Information Science .... 3
TOTAL UNITS REQUIRED .................................................. 20

DEGREE
A.A.—Business, Administrative Assistant

REQUIRED PROGRAM .......................................................... Units
ACCT 301 (1A) Financial Accounting or
ACCT 101 (60) Fundamentals of College Accounting ...... 3-4
BUS 310 (8) Business Communication ......................... 3
BUS 330 (15) Managing Diversity in the Workplace ...... 3
BUS 345 (16) Law and Society or
BUS 340 (18A) Business Law ........................................ 3
BUSTEC 302 (BUS 41) Computer Keyboarding .......... 2
MGMT 362 (24) Techniques of Management ................... 3
MKT 300 (20) Principles of Marketing .......................... 3
CISC 310 (CIS 3) Intro to Computer Info Science (3) or
Three to four (3-4) units to include:
CISC 300 (CIS 1) Computer Familiarization (1) and
Any two (2) additional units selected from:
CISA 310 (CIS 12A), CISA 320 (CIS 13A),
CISC 320 (CIS 14A), CISA 340 (15A), CISC 350
(CIS 16A), CISA 330 (CIS 17A), CISA 350 (CIS 18A) .... 3-4
ECON 302 (1A) Principles of Macroeconomics or
ECON 320 (14/BUS 320 (14) Concepts of Personal Finance or
ECON 100 (55) Introduction to Macroeconomics .......... 3

Administrative Assistant Option:
BUSTEC 303 (BUS 42) Computer Keyboard Formatting .... 2
BUSTEC 304 (BUS 43) Computer Keyboard Speed-and-Accuracy Building .................. 2
BUS 100 (50) Business English .................................... 3
BUS 110 (52) Administrative Procedures (3) or
BUS 498 (98) Work Experience (3) or
BUSTEC 101 (BUS 53) Computer Keyboarding: 10-Key ...... 1
CISA 300 (CIS 11A) Beginning Word Processing .......... 1
CISA 301 (CIS 11B) Intermediate Word Processing ...... 1
Plus three (3) units selected from the following: .......... 3
ACCT 341 (5), 121 (70); BUS 105 (60);
CISA 311 (CIS 12B), CISA 331 (CIS 17B)
TOTAL UNITS REQUIRED .................................................. 45-49

CERTIFICATE
Business, Office Technician

This certificate program is designed to provide the tools needed for entry-level office positions. The Office Technician Certificate is appropriate for students who do no have any clerical work experience. Upon completion of the Office Technician Certificate, the student would be prepared for an office position as a trainee.

REQUIRED PROGRAM .......................................................... Units
Core Courses
BUSTEC 302 (BUS 41) Computer Keyboarding or
Keyboarding speed verification at 25 wpm or better .... 0-2
BUSTEC 304 (BUS 43) Computer Keyboard Speed-and-Accuracy Bldg or
Keyboarding speed verification at 40 wpm or better .... 0-2
BUSTEC 303 (BUS 42) Computer Keyboard Formatting .... 2
BUS 100 (50) Business English .................................... 3
BUSTEC 101 (BUS 53) Computer Keyboarding: 10-Key ...... 1
CISC 300 (CIS 1) Computer Familiarization .......... 1
CISA 300 (CIS 11A) Beginning Word Processing .......... 1
CISA 310 (CIS 12A) Intro to Electronic Spreadsheets ...... 1
Office Assistant
BUSTEC 120 (BUS 82) Skills for Today's Office .......... 1
TOTAL UNITS REQUIRED .................................................. 12-14

CERTIFICATE
Business, Office Assistant

This certificate program is designed to provide the tools needed for entry-level office positions. The Office Assistant Certificate is appropriate for students who do no have any clerical work experience. Upon completion of the Office Assistant Certificate, the student would be prepared for an office position as an office trainee.

REQUIRED PROGRAM .......................................................... Units
Core Courses
BUSTEC 302 (BUS 41) Computer Keyboarding or
Keyboarding speed verification at 25 wpm or better .... 0-2
BUSTEC 304 (BUS 43) Computer Keyboard Speed-and-Accuracy Bldg or
Keyboarding speed verification at 40 wpm or better .... 0-2
BUSTEC 303 (BUS 42) Computer Keyboard Formatting .... 2
BUS 100 (50) Business English .................................... 3
BUSTEC 101 (BUS 53) Computer Keyboarding: 10-Key ...... 1
CISC 300 (CIS 1) Computer Familiarization .......... 1
CISA 300 (CIS 11A) Beginning Word Processing .......... 1
CISA 310 (CIS 12A) Intro to Electronic Spreadsheets ...... 1
Office Assistant
BUSTEC 110 (BUS 52) Administrative Procedures .......... 3
CISA 301 (CIS 11B) Intermed Word Processing .......... 1
CISA 311 (CIS 12B) Intermed Electr Spreadsheets ...... 1
Plus one (1) unit selected from: ................................. 1
CISA 320 (CIS 13A) Database Management (1)
CISA 340 (CIS 15A) Presentation Graphics (2)
CISA 350 (CIS 18A) Groupware (1)
TOTAL UNITS REQUIRED .................................................. 15-19
BUS 100  
**Business English**  3 Units
Formerly: BUS 50  
*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
Formerly: BUS 60  
*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 214  
**Financing a Small Business**  1 Unit
Formerly: BUS 71C  
*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
Formerly: BUS 71E  
*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 the 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
Formerly: BUS 71I  
*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
Formerly: BUS 99I  
*Prerequisite: None*  
*Hours: Variable*

See Catalog under Alternative Credit/Study Options
BUS 299  
Experimental Offering in Business  
.5-4 Units  
Formerly: BUS 99  
Prerequisite: None  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

BUS 300  
Introduction to Business  
3 Units  
Formerly: BUS 20  
Prerequisite: None  
Course Transferable to UC/CSU  
Hours: 54 hours LEC  
This course provides a survey of all business areas, including Accounting, Law, Computer Information Science, Management, Marketing, Economics and Finance. The course is designed to be taken by all beginning students interested in business. It is a core requirement for business majors. This course provides an overview often very helpful in assisting students’ selection of a specific career in the field of business.

BUS 310  
Business Communication  
3 Units  
Formerly: BUS 8  
Prerequisite: BUS 100. Grade of “C” or better required to meet prerequisite.  
Advisory: Ability to key 30 or more words a minute and use a current office-level word processing program.  
Course Transferable to CSU  
Hours: 54 hours LEC  
This course is designed to emphasize the use of communication theory in planning and composing various types of effective business letters and reports. The course stresses style, appearance, grammar, punctuation, tone, vocabulary and reader appeal. Interpersonal communication and listening, cross-cultural communication, electronic communication technology, and ethical and legal guidelines are included. A formal report with graphics is required.

BUS 320  
Concepts in Personal Finance  
3 Units  
Formerly: BUS 14  
Prerequisite: None  
Advisory: BUS 105.  
Course Transferable to CSU  
Hours: 54 hours LEC  
This course is designed to assist individuals in analyzing their financial affairs. Elements and conceptual basis of financial planning, analysis, and decision making in areas of budgeting, taxes, borrowing, money management, insurance, investments, and retirement will be examined with an emphasis on principles to develop students’ economic decision making. Students will be using mathematical concepts as well as reading and interpreting written and oral instructions. The course provides a solid base for a career in financial planning services. Not open to students who have received credit for ECON 320.

BUS 330  
Managing Diversity in the Workplace  
3 Units  
Formerly: BUS 15  
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  
Formerly: BUS 18A  
Prerequisite: None  
Course Transferable to UC/CSU; UC-See Counselor (CAN BUS 8)  
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  
Formerly: BUS 18B  
Prerequisite: None  
Course Transferable to UC/CSU; UC-See Counselor  
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  
Formerly: BUS 16  
Prerequisite: None  
Course Transferable to UC/CSU; UC-See Counselor  
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  
Formerly: BUS 25  
Prerequisite: None  
Advisory: ENGWR 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  
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 can be repeated up to four (4) times.

BUS 360  
**e-Business: Introduction and Environment; Technology and Infrastructure**  
3 Units  
Formerly: BUS 24  
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 380.1.

BUS 360.1  
**e-Business: Introduction and Environment**  
1.5 Units  
Formerly: BUS 24A  
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  
Formerly: BUS 24B  
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  
Formerly: BUS 47  
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: Variable  
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 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 498
Work Experience in Business 1-4 Units
Formerly BUS 98
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

BUS 499
Experimental Offering in Business .5-4 Units
Formerly BUS 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

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**Business Technology (BUSTEC)**

BUSTEC 101
Computer Keyboarding: 10-Key 1 Unit
Formerly BUS 53
Prerequisite: None
Hours: 18 Lec
This course introduces the numeric keypad and develops the ability to key information into a computer with speed and accuracy.

BUSTEC 110
Administrative Procedures 3 Units
Formerly BUS 52
Advisory: BUSTEC 302 or equivalent, BUSTEC 303, and BUS 100
Hours: 4 hours LEC
This course develops skills associated with the business professional, including specialized procedures in electronic workplaces. Students learn critical thinking, problem solving, teamwork, supervision skills, administrative procedures, and information-processing technologies.

BUSTEC 120
Skills For Today’s Office 1 Unit
Formerly: BUS 82
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 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.

BUSTEC 302
Computer Keyboarding 2 Units
Formerly BUS 41
Prerequisite: None
Advisory: ENGRD 16 or ESLR 320.
Course Transferable to CSU
Hours: 36 hours LEC
This intensive introductory computer-keyboard course emphasizes operating alphabetic, numeric, and symbol keys by touch. It includes computer keyboarding techniques, speed-and-accuracy development, proofreading proficiency, communication skills, essential computer keyboarding information, and use of basic features of a current office-level word processing program. Workplace etiquette and common organizational duties are introduced and reinforced throughout the course.

BUSTEC 303
Computer-Keyboard Formatting 2 Units
Formerly: BUS 42
Prerequisite: BUSTEC 302. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 36 hours LEC
This intensive computer-keyboard formatting course emphasizes application of the following formatting concepts: horizontal and vertical centering, business-letter styles, memorandums, tables, and reports. The course includes developing proofreading proficiency, reinforcing communication skills, developing speed and accuracy, and using the features of a current office-level word processing program. Workplace etiquette and common organizational duties are introduced and reinforced throughout the course. Students who feel that they have skills equivalent to the prerequisite are encouraged to apply for credit by examination for BUSTEC 302.

BUSTEC 304
Computer Keyboard Speed-and-Accuracy Building 2 Units
Formerly: BUS 43
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 Technologies .5-4 Units
Formerly: BUS 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
Chemistry

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; Physicist; Dentist; Veterinarian; Allied Health Professional; Biologist; Physicist; Geologist; Geochemist; Oceanographer

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

Highlights
An outstanding chemistry faculty striving to maintain an aggressive and well-respected chemistry program
Ample contact with the instructor and the relaxed atmosphere that only a limited class size can offer

NOTE: ALL CHEMISTRY STUDENTS

A glassware replacement deposit is required to participate in designated Chemistry courses. The deposit is payable at the Admissions Office prior to the third class meeting. This deposit is refundable at the end of the semester; however, if chemical glassware is broken or missing, the charge will be deducted from the deposit. (Title V, Section 59400 and District Policy 2253)

Chemistry (CHEM)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisite</th>
<th>Course Transferable</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 307</td>
<td>Introduction to Chemistry</td>
<td>4</td>
<td>MATH 100 or MATH 102 or equivalent. Grade of “C” or better required to meet prerequisite. Course Transferable to UC/CSU; UC-See Counselor (CAN CHEM 6) (CHEM 307 + 308 = CAN CHEM SEQ B)</td>
<td>54 LEC : 54 LAB</td>
<td></td>
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<tr>
<td>CHEM 308</td>
<td>Introduction to Chemistry</td>
<td>4</td>
<td>CHEM 307. Grade of “C” or better required to meet prerequisite. Course Transferable to UC/CSU; UC-See Counselor (CAN CHEM 8) (CHEM 307 + 308 = CAN CHEM SEQ B)</td>
<td>54 LEC : 54 LAB</td>
<td></td>
</tr>
</tbody>
</table>

This is a general chemistry course intended for students majoring in the allied health fields, such as nursing, physical therapy, dental hygiene, veterinary technology, and environmental technology. This course emphasizes the fundamental principles of chemistry: types of matter, physical and chemical processes, atomic and molecular structure, stoichiometry, properties and theories of gases, properties of solutions, acids and bases, equilibria, and an introduction to organic functional groups as they pertain to medicine or biological systems.

The organic chemistry portion of this course emphasizes the major classes of organic compounds: their structure, physical and chemical properties related to biological systems, and nomenclature. Some clinical and pharmacological aspects are also discussed. The biochemistry portion of this course emphasizes the structure and function of carbohydrates, proteins, lipids and nucleic acids in biological systems. Special topics include enzymes and enzyme regulation, drugs their bioavailability and metabolism.
CHEM 321
Environmental Chemistry 3 Units
Formerly: CHEM 7
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
Formerly: CHEM 7L
Prerequisite: None
Corequisite: CHEM 321 (may be taken previously). Grade of “C” or better required to meet corequisite.
Course Transferable to UC/CSU
Hours: 54 hours LAB
This course provides “hands-on” opportunities for students to collect and analyze data about chemicals found in the environment. Students will learn how to collect and analyze soil, water and air samples for environmental quality parameters and the presence of pollutants. Analysis of samples will involve the use of readily available field test equipment. Field trips for sample collection will take place during laboratory periods or at arranged times. There may also be field trips to environmental analytical laboratories.

CHEM 400
General Chemistry 5 Units
Formerly: CHEM 1A
Prerequisite: MATH 120 and CHEM 300 (or one year of high school chemistry). Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU; UC-See Counselor
(CAN CHEM 2) (CHEM 400 + 401 = CAN CHEM SEQ A)
Hours: 54 hours LEC ; 108 hours LAB
This is a general college chemistry course intended for students majoring in the scientific disciplines including chemistry, biology, physics, geology and engineering. This course emphasizes the fundamental principles of chemistry. Topics include chemical measurement, physical and chemical processes, nomenclature, atomic structure, quantum theory, stoichiometry, molecular structure, bonding theory, physical properties of gases, thermoch-
Communication Studies
(formerly Communication)

DEGREE
A.A. — Communication, Organizational Communication

CERTIFICATE
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 effective communication in the workplace today has grown in importance, and workplace communication competencies are increasingly demanded by all economic sectors including small businesses, large organizations, international corporations, and government agencies. The number one skill identified by employers is the ability to communicate clearly in both oral and written form. The number two necessary skill identified by employers is the ability to work effectively as a member of a team. A competitive workplace requires employees to exercise competencies in professional presentations, written communication, group problem solving, intercultural interactions, conflict management, interview skills, and analytical reasoning. This transferable degree gives students a foundation that can be used in any career path, increasing an individual’s preparation for employment, and transferability to a university.

REQUIRED PROGRAM ............................................................... Units
Core Courses:
COMM 301 (1) Introduction to Public Speaking ........................... 3
COMM 311 (3) Argumentation and Debate................................. 3
COMM 321 (10) Interpersonal Communication........................... 3
CMED 300 (5)/JOUR 310 (10) Mass Media and Society............. 3

Communication in Organizations .............................................. 6
COMM 341 (13) Organizational Communication (3)
And one (1) of the following:
COMM 315 (18) Persuasion (3)
BUS 330 (15) Managing Diversity in the Workplace (3)
MGMT 360 (21) Management Communication (3)

Written Communication ......................................................... 6
ENGWR 300 (ENGL 1A) College Composition (3)
And one (1) of the following:
ENGWR 302 (ENGL 1C) Adv Composition & Critical Thinking* (3)
(*) 2nd semester writing requirement for CSUS
BUS 310 (8) Business Communication (3)

Communication for a Diverse World ....................................... 6-7
COMM 325 (14) Intercultural Communication (3)
And one transfer level course of foreign language or American Sign Language (3-4)

Communication in Groups and Teams ................................. 6
COMM 331 (15) Group Discussion (3)
And one (1) of the following:
COMM 373 (4) Forensics Laboratory (3)
Or any department approved internship
TOTAL UNITS REQUIRED ...................................................... 36-37

CERTIFICATE
Applied Communication Skills

REQUIRED PROGRAM ............................................................... Units
COMM 301 (1) Introduction to Public Speaking ...................... 3
COMM 341 (13) Organizational Communication ...................... 3
COMM 325 (14) Intercultural Communication ....................... 3
COMM 331 (15) Group Discussion .......................................... 3
Plus one (1) additional course selected from: ...................... 3
COMM 315 (18) Persuasion (3)
COMM 311 (3) Argumentation and Debate (3)
COMM 371 (7) Voice and Diction (3)
COMM 360 (9) The Communication Experience (3)
COMM 321 (10) Interpersonal Communication (3)
TOTAL UNITS REQUIRED ...................................................... 15

Communication Studies (COMM)

COMM301
Introduction to Public Speaking 3 Units
Formerly: COMM 1
Prerequisite: ENGWR 51 or the equivalent. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
(CAN SPCH 4)
Hours: 54 hours LEC
This course explores the theory and technique of effective public speaking. Students will learn ways to research, organize and present clear messages to audiences. Students will also examine and develop good listening habits by critiquing informative and persuasive presentations given in class.

COMM311
Argumentation and Debate 3 Units
Formerly: COMM 3
Prerequisite: ENGWR 300 or the equivalent. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
(CAN SPCH 6)
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
Formerly: COMM 18
Prerequisite: ENGWR 300 or the equivalent. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 54 hours LEC
This course presents fundamental theories and techniques of persuasion as they occur in various communication contexts. Students develop critical thinking skills by examining message production, analyzing messages and exploring the social impact of persuasion.

COMM 321
Interpersonal Communication 3 Units
Formerly: COMM 10
Prerequisite: ENGWR 51 or the equivalent. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 54 hours LEC
Explore communication skills associated with satisfying relationships. Using simulations and structured exercises, students experiment with various approaches to successful communication in person-to-person situations. This course strives to increase an individual’s personal communication effectiveness through heightened awareness and greater skill as both a sender and receiver of shared messages.

COMM 325
Intercultural Communication 3 Units
Formerly: COMM 14
Prerequisite: ENGWR 51 or the equivalent. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU; UC - See Counselor
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
Formerly: COMM 15
Prerequisite: ENGWR 51 or the equivalent. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU; UC - See Counselor
(CAN SPCH 10)
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
Formerly: COMM 13
Prerequisite: ENGWR 101 or the equivalent. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 54 hours LEC
This course is designed to allow students to examine both theoretical and pragmatic essentials of effective organizational messages from preparation and presentation to effective observation and analysis. Students will explore the dynamics of organizational communications in various situations including focus groups, quality control groups, ad hoc committees, conflict negotiation teams and problem solving/decision making groups. The roles of internal and external messages on the communication process and organizational effectiveness will be examined and analyzed.

COMM 361
The Communication Experience 3 Units
Formerly: COMM 9
Prerequisite: ENGWR 51 or the equivalent. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU; UC-See Counselor
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
Formerly: COMM 8
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
Formerly: COMM 7
Prerequisite: None
Course Transferable to UC/CSU
(CAN DRAM 6)
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
Formerly: COMM 4
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
Formerly: COMM 12
Prerequisite: None
Course Transferable to CSU
Hours: Variable
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. See Catalog under Alternative Credit/Study Options

COMM 495
Independent Studies in Communication Studies  1-3 Units
Formerly: COMM 491
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

COMM 499
Experimental Offering in Communication Studies .5-4 Units
Formerly: COMM 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
Communications Media

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
Formerly: CMED 5
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor (CAN JOUR 4)
Hours: 54 hours LEC
Survey of the mass media: history, philosophy, structure and trends, as well as theories which help to explain effects and the importance as a social institution. Exploration of economics, technology, law, ethics, and social issues, including cultural and ethnic diversity. Not open to students who have received credit for JOUR 310.

CMED 305
Film History 3 Units
Formerly: CMED 14, History of the Film
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 54 hours LEC
An introduction to the art of motion pictures, using both lectures and films. Students will briefly study the history of motion pictures and will view, evaluate, and critique films which are landmarks in the art of movie making. Not open to students who have received credit for PHOTO 425.
CMED 332  
Advanced Television Production  
2 Units  
Formerly: CMED 74  
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  
Formerly: CMED 80  
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  
Non-Linear Audio and Video Editing  
3 Units  
Formerly: CMED 82  
Prerequisite: None  
Advisory: CISC 300  
Hours: 36 hours LEC ; 54 hours LAB  
This course will trace the development of the computer audio/video applications including multimedia, nonlinear editing, computer graphics, computer animation and digital video. The last decade has ushered in a phenomenal convergence of capabilities among traditional audio/video production technology and personal computers. Major uses will be explored and future trends examined. In addition, students will receive hands-on production education and experience.

CMED 377  
Corporate Video  
3 Units  
Formerly: CMED 85  
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  
Formerly: CMED 49I  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

CMED 498  
Work Experience in Communications Media  
1-4 Units  
Formerly: CMED 98  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

CMED 499  
Experimental Offering in Communications Media  
.5-4 Units  
Formerly: CMED 49  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options
Computer Information Science

DEGREES
A.S. — Computer Programming, Transfer

CERTIFICATES
C.I.S. ~ Database Analyst - SQL
C.I.S. ~ Computer Programmer - SQL
C.I.S. ~ Relational Database Administration
C.I.S. ~ Web Publishing
C.I.S. ~ Web Programming
C.I.S. ~ Programming Visual BASIC
C.I.S. ~ Programming C/C++
C.I.S. ~ Internet Programming
M.I.S. ~ Application Data Entry
M.I.S. ~ Information Processing
M.I.S. ~ Application Technician
M.I.S. ~ Application Analyst
M.I.S. ~ e-Business Infrastructure
Desktop Publishing

This Folsom Lake College program includes study in computer information science and management information systems. It is designed for the student interested in entry-level employment or transfer to a four-year university. The MIS option offers a unique “ladder” approach to acquiring the certificate or degree. Graduates of the degree program in Computer Information Science should expect to find entry-level employment as systems analysts in government, business and industry, and/or acquire skills for applications in management or administration. This new degree option was designed with industry leaders in the greater Sacramento area to address local employer needs.

Career Options
Computer Operator; Applications Software Specialist; Systems Analyst; Programmer; Data Entry Specialist; Computer Systems Specialist; Computer Technician; Network Administrator; Network Systems Engineer—Windows; Internet Technician

Highlights
Hands-on experience in a state-of-the-art computer center
Opportunities to work on specialized projects relating to computer information science, business and computer programming
Study in a field that has great employment opportunities and encompasses many careers.
**DEGREE**

**A.S.—Computer Information Science:**

**Computer Programming (Transfer)**

This program is recommended for students planning to transfer to a CSU campus.

**REQUIRED PROGRAM .................................................. Units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSTEC 302 (BUS 41) Computer Keyboarding or</td>
<td></td>
</tr>
<tr>
<td>Keyboarding speed verification at 25 wpm or better</td>
<td>0-2</td>
</tr>
<tr>
<td>MATH 400 (9A) Analytic Geometry and Calculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 401 (9B) Analytic Geometry and Calculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 420 (11) Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 411 (4A) Mechanics of Solids and Fluids</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 421 (4B) Electricity and Magnetism</td>
<td>4</td>
</tr>
<tr>
<td>CISC 310 (CIS 3) Intro to Computer Information Science</td>
<td>3</td>
</tr>
<tr>
<td>CISP 300 (CIS 41) Algorithm Design/Problem Solving</td>
<td>3</td>
</tr>
<tr>
<td>CISP 360 (CIS 32A) Intro to Structured Programming</td>
<td>4</td>
</tr>
<tr>
<td>CISP 400 (CIS 32B) Object Oriented Programming with C++</td>
<td>4</td>
</tr>
<tr>
<td>CISP 405 Object Oriented Programming Using C# on Visual Studio .NET</td>
<td>4</td>
</tr>
<tr>
<td>CISP 310 (CIS 35A) Assembly Language Programming on Microcomputers</td>
<td>4</td>
</tr>
<tr>
<td>CISP 430 (CIS 40) Data Structures</td>
<td>4</td>
</tr>
<tr>
<td>Plus four (4) units selected from the following:</td>
<td>4</td>
</tr>
<tr>
<td>CISP 370 (CIS 38) Beginning Visual BASIC (4)</td>
<td></td>
</tr>
<tr>
<td>CISP 409 (CIS 39) Object Oriented Programming (4)</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL UNITS REQUIRED .......................................................... 52-54**

**CERTIFICATE**

**Computer Information Science ~**

**Programming in Visual BASIC**

**REQUIRED PROGRAM .................................................. Units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 310 (8) Business Communication</td>
<td>3</td>
</tr>
<tr>
<td>BUSTEC 302 (BUS 41) Computer Keyboarding or</td>
<td></td>
</tr>
<tr>
<td>Keyboarding speed verification at 25 wpm or better</td>
<td>0-2</td>
</tr>
<tr>
<td>CISC 310 (CIS 3) Intro to Computer Information Science</td>
<td>3</td>
</tr>
<tr>
<td>CISP 300 (CIS 41) Algorithm Design/Problem Solving</td>
<td>3</td>
</tr>
</tbody>
</table>

**Specialization in Visual BASIC**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CISP 370 (CIS 38) Beginning Visual BASIC</td>
<td>4</td>
</tr>
<tr>
<td>CISP 409 (CIS 39) Object Oriented Programming</td>
<td>4</td>
</tr>
<tr>
<td>CISP 405 (CIS 26) Scripting for Applications</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL UNITS REQUIRED .......................................................... 25-29**

**CERTIFICATE**

**Computer Information Science ~**

**Programming in C/C++**

**REQUIRED PROGRAM .................................................. Units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 310 (8) Business Communication</td>
<td>3</td>
</tr>
<tr>
<td>BUSTEC 302 (BUS 41) Computer Keyboarding or</td>
<td></td>
</tr>
<tr>
<td>Keyboarding speed verification at 25 wpm or better</td>
<td>0-2</td>
</tr>
<tr>
<td>CISP 310 (CIS 3) Intro to Computer Information Science</td>
<td>3</td>
</tr>
<tr>
<td>CISP 360 (CIS 32A) Intro to Structured Programming</td>
<td>4</td>
</tr>
<tr>
<td>CISP 400 (CIS 32B) Object Oriented Programming with C++</td>
<td>4</td>
</tr>
<tr>
<td>CISP 405 Object Oriented Programming Using C# on Visual Studio.NET</td>
<td>4</td>
</tr>
<tr>
<td>CISP 430 (CIS 40) Data Structures</td>
<td>4</td>
</tr>
</tbody>
</table>

**TOTAL UNITS REQUIRED .......................................................... 34-36**

**CERTIFICATE**

**Computer Information Science ~**

**Internet Programming**

**REQUIRED PROGRAM .................................................. Units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 310 (BUS 8) Business Communication</td>
<td>3</td>
</tr>
<tr>
<td>BUSTEC 302 (BUS 41) Computer Keyboarding or</td>
<td></td>
</tr>
<tr>
<td>Keyboarding speed verification at 25 wpm or better</td>
<td>0-2</td>
</tr>
<tr>
<td>CISC 310 (CIS 3) Intro to Computer Information Science</td>
<td>3</td>
</tr>
<tr>
<td>MATH 100 (51) Elementary Algebra</td>
<td>5</td>
</tr>
<tr>
<td>CISC 320 (CIS 14A) Operating Systems (Unix)</td>
<td>1</td>
</tr>
<tr>
<td>CISC 321 (CIS 14B) Intermediate Operating Systems (Unix)</td>
<td>1</td>
</tr>
<tr>
<td>CISP 360 (CIS 32A) Intro to Structured Programming</td>
<td>4</td>
</tr>
<tr>
<td>CISP 400 (CIS 32B) Object Oriented Program with C++</td>
<td>4</td>
</tr>
<tr>
<td>CISP 405 Object Oriented Program with C++ on Visual Studio.NET</td>
<td>4</td>
</tr>
</tbody>
</table>

**Specialization in Internet Programming**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CISP 350 (CIS 16A) Intro to Data Communications</td>
<td>1-1.5</td>
</tr>
<tr>
<td>CISC 351 (CIS 16B) Intro to Local Area Networks</td>
<td>1</td>
</tr>
<tr>
<td>CISC 305 (CIS 21A) Intro to the Internet</td>
<td>1</td>
</tr>
<tr>
<td>CISC 306 (CIS 21B) Intro to Web Page Creation</td>
<td>1</td>
</tr>
<tr>
<td>CISPW 350 (CIS 21G) Imaging for the Web</td>
<td>1</td>
</tr>
<tr>
<td>CISPW 425 (CIS 25) Scripting for the Internet</td>
<td>4</td>
</tr>
<tr>
<td>CISP 409 (CIS 39) Object Oriented Programming (Java)</td>
<td>4</td>
</tr>
</tbody>
</table>

**TOTAL UNITS REQUIRED .......................................................... 31**
CERTIFICATE
Computer Information Science ~
Database Analyst - SQL
This certificate is designed for beginning students as well as technical professionals who aspire to design, create, or administer relational databases and create client applications. Successful students will be prepared to apply for entry-level positions in industry such as business analyst. The Database Analyst Certificate is the first in a series of three certificate programs designed for the entry-level student and business user.

REQUIRED PROGRAM .............................................. Units
CISC 310 (CIS 3) Intro to Computer Information Science ........ 3
CISC 320 (CIS 14A) Operating Systems (Unix/Linux) .......... 1
CISC 321 (CIS 14B) Intermed Operating Systems (Unix/Linux) 1
CISP 300 (CIS 41) Algorithm Design/Problem Solving ......... 3
CISP 351 (CIS 52A) Intro to Relational Database Design & SQL ... 3
CISP 352 (CIS 52B) Intermediate SQL .............................. 3
TOTAL UNITS REQUIRED ........................................ 14

CERTIFICATE
Computer Information Science ~
Computer Programmer - SQL
This certificate is designed for students who have completed the Database Analyst – SQL Certificate and aspire to be entry level programmers using the Structured Query Language (SQL). This is the second in a series of three certificate programs in Relational Database Management Systems.

REQUIRED PROGRAM .............................................. Units
CISC 310 (CIS 3) Intro to Computer Information Science ........ 3
CISC 320 (CIS 14A) Operating Systems (Unix/Linux) .......... 1
CISC 321 (CIS 14B) Intermed Operating Systems (Unix/Linux) 1
CISP 300 (CIS 41) Algorithm Design/Problem Solving ......... 3
CISP 351 (CIS 52A) Intro to Relational Database Design & SQL ... 3
CISP 352 (CIS 52B) Intermediate SQL .............................. 3
CISP 353 (CIS 53) Application Development in a Client Server Environment ..................................... 3
Two to four (2-4) units selected from the following: .............. 2-4
CISP 370 (CIS 38) Beginning Visual BASIC (4) or CISA 320 (CIS 13A) Database Management (1) and CISA 321 (CIS 13B) Intermed Database Management (1)
TOTAL UNITS REQUIRED ........................................ 19-21

CERTIFICATE
Computer Information Science ~
Relational Database Administration
The Relational Database Administration Certificate is designed for a person who is responsible for interacting with SQL Programmers, Database Designers, Systems Administrators, and Network Engineers as well as the day-to-day operation of a Relational Database Management System. This course of study is appropriate for an entry level Database Administration position.

REQUIRED PROGRAM .............................................. Units
CISC 310 (CIS 3) Intro to Computer Information Science ........ 3
CISA 320 (CIS 13A) Database Management .......................... 1
CISA 321 (CIS 13B) Intermed Database Management ............. 1
CISC 320 (CIS 14A) Operating Systems (Unix/Linux) .......... 1
CISC 321 (CIS 14B) Intermed Operating Systems (Unix/Linux) 1
CISC 322 (CIS 14C) Adv Operating Systems (Unix or Linux) .... 1
CISP 300 (CIS 41) Algorithm Design/Problem Solving ......... 3
CISP 351 (CIS 52A) Intro to Relational Database Design & SQL ... 3
CISP 352 (CIS 52B) Intermediate SQL .............................. 3
CISP 354 (CIS 54) Intro to Relational Database Admin ............ 3
TOTAL UNITS REQUIRED ........................................ 20

CERTIFICATE
Computer Information Science ~
Web Publishing
This certificate is designed to give students the benefits of hands-on training in Web Page Design and Publication, Internet usage, and proficiency with web-related media applications. Upon completion of this certificate, students may complete a second certificate in Advanced Web Publishing, towards the fulfillment of a Web Publishing degree.

REQUIRED PROGRAM .............................................. Units
BUS 310 (8) Business Communication (3) or ENGWR 300 (ENGL 1A) College Composition (3) .......... 3
CISC 320 (CIS 14A) Operating Systems (Windows) (1) or CISC 320 (CIS 14A) Operating Systems (Unix) (1) .......... 1
CISW 350 (CIS 21G) Graphic Design for the Web .......... 1
CISW 300 (CIS 22) Web Publishing ............................... 3

Design Elective:
Choose three (3) units selected from the following: .............. 3
CISA 140 (CIS 70) Intro to Multimedia (5) or CMED 304 (70) Intro to Multimedia (3)
PHOTO 400 (57) Digital Imaging (3) or ARTNM 324 (20) Digital Design (3)
Plus four to six (4-6) units selected from the following: ........ 4-6
CISC 306 (CIS 21B) Introduction to Web Page Creation (1)
CISA 340 (CIS 15A) Presentation Graphics (2)
CISA 330 (CIS 17A) Desktop Publishing (2)
CISW 380 (CIS 24) e-Business: Intro & Environment, Technology & Infrastructure (3) or CISW 380.1 (CIS 24A) e-Business: Intro & Environment (1.5)
TOTAL UNITS REQUIRED ........................................ 15-17

Suggested Electives:
CISC 310 (CIS 3) Intro to Computer Information Science (3)
CISW 425 (CIS 25) Scripting for the Internet (JavaScript) (4)
ARTNM 326 (22) Digital Painting (3)

CERTIFICATE
Computer Information Science ~
Web Programming
This certificate is designed to give students the benefits of hands-on training in Web Page Design and Publication, Internet usage, and proficiency with web-related media applications. Upon completion of this certificate, students may complete a second certificate in Advanced Web Publishing, towards the fulfillment of a Web Publishing degree.

REQUIRED PROGRAM .............................................. Units
BUS 310 (8) Business Communication (3) or ENGWR 300 (ENGL 1A) College Composition (3) .......... 3
BUSTEC 302 (CIS 41) Algorithm Design/Problem Solving .......... 3
CISA 320 (CIS 13A) Database Management .......................... 1
CISC 320 (CIS 14A) Operating Systems (Unix) .......... 1
CISC 321 (CIS 14B) Intermed Operating Systems (Unix/Linux) 1
CISW 300 (CIS 22) Web Publishing ............................... 3
CISW 425 (CIS 25) Scripting for the Internet (Perl) ................. 4
CISP 360 (CIS 32A) Intro to Structured Programming (C) .... 4
CISP 350 (CIS 37) Database Programming (Oracle or SQL) .... 3
CISP 409 (CIS 39) Intro to Object Oriented Program (Java) .... 4
Plus five to seven (5-7) units selected from the following: .... 5-7
CISA 405 (CIS 26) Scripting for Applications (3)
CISW 425 (CIS 25) Scripting for the Internet (JavaScript) (4)
CISA 321 (CIS 13B) Intermediate Database Management (1)
CISP 370 (CIS 38) Programming in Visual Basic (4)
TOTAL UNITS REQUIRED ........................................ 32-34

Suggested Electives:
CISC 310 (CIS 3) Intro to Computer Information Science (3)
CISP 305 (CIS 21A) Introduction to the Internet (1)
CISP 306 (CIS 21B) Introduction to Web Page Creation (1)
CISC 320 (CIS 14A) Operating Systems (Windows) (1)
CISW 380.1 (CIS 24A) e-Business: Intro & Environment (1.5)
CERTIFICATE
Management Information Systems ~
Application Data Entry

This certificate is designed for persons who need to know how to perform computer-related data entry. Students who continue their education by pursuing another Office Administration or Management Information Systems certificate may do so without repeating any courses completed for this certificate.

REQUIRED PROGRAM ................................................................. Units
CISC 300 (CIS 1) Computer Familiarization (1) or CISC 310 (CIS 3) Intro to Computer Information Science (3) 1-3
CISA 300 (CIS 11A) Beginning Word Processing 1-2
BUSTEC 101 (BUS 53) Computer Keyboarding: 10 Key 1
BUSTEC 110 (BUS 52) Office Procedures 3
BUSTEC 302 (BUS 41) Computer Keyboarding 2
BUSTEC 303 (BUS 42) Computer Keyboard Formatting 2
TOTAL UNITS REQUIRED ....................................................... 10-13

CERTIFICATE
Management Information Systems ~
Information Processing

This certificate is designed for the person who needs familiarity with the most common computerized business application programs.

REQUIRED PROGRAM ................................................................. Units
Management Information Systems, Data Entry Certificate 10-13
BUS 310 (8) Business Communication 3
CISA 301 (CIS 11B) Intro to Computer Information Science 1-2
CISA 310 (CIS 12A) Electronic Spreadsheets 1-2
CISA 320 (CIS 13A) Database Management 1
TOTAL UNITS REQUIRED ....................................................... 16-21

CERTIFICATE
Management Information Systems ~
Application Analyst

This certificate is designed for the person who needs training beyond the ability to use computerized business application programs that support the office application environment. This course of study would be appropriate for the user who is responsible for general PC use in the office.

REQUIRED PROGRAM ................................................................. Units
Management Information Systems - Application Technician Certificate 20-26
CISC 350 (CIS 16A) Intro to Data Commun 1
CISA 330 (CIS 17A) Desktop Publishing 2
CISA 331 (CIS 17B) Intermediate Desktop Publishing 2
TOTAL UNITS REQUIRED ....................................................... 26-32

CERTIFICATE
Management Information Systems ~
e-Business Infrastructure

This program is designed for those wishing to prepare for entry-level positions on the infrastructure side of the emerging e-business industry. The program also provides a general background for those exploring e-business options in existing careers. The courses are designed to provide students with the knowledge and ability needed to profitably respond to this emerging and evolving industry. The certificate prepares students for positions that participate in the construction and implementation of e-business environments that involve Internet and Intranet processes and communications. Completers of this certificate will possess knowledge of the technical infrastructure that underlies the facilitation of business transactions (such as business-to-business, business-to-consumer, and consumer-to-consumer) over the Internet.

REQUIRED PROGRAM ................................................................. Units
E-Business Cluster:
Choose three (3) units from the following: 3
CISW 380 (24) e-Business: Intro & Environ: Tech & Infrastructure (3)
CISW 380.1 (24A) e-Business: Intro and Environment (1.5)
CISW 380.2 (24B) e-Business: Tools and Techniques (1.5)
BUS 360 (24) e-Business: Intro & Environ: Tech & Infrastructure (3)
BUS 360.1 (24A) e-Business: Intro and Environment (1.5)
BUS 360.2 (24B) e-Business: Tools and Techniques (1.5)
Web Cluster:
Choose four (4) or more units from the following: 4
CISC 305 (21A) Introduction to the Internet (1)
CISC 306 (21B) Intro to Web Page Creation (1)
CISW 300 (22) Web Publishing (3)
CISW 425 (25) Scripting for the Internet (4)
Graphics Cluster:
Choose four (4) or more units from the following: 4
CISW 350 (21G) Imaging for the Web (1)
PHOTO400 (57) Digital Imaging (3)
PHOTO410 (59) Advanced Digital Imaging (3)
Open Electives:
Choose four (4) or more units from the following: 4
Any ACCT, BUS, CISA, CISN, CISW, CISP, ECON, or MKT course
TOTAL UNITS REQUIRED ....................................................... 15
Computer Information Science Applications (CISA)

CISA 160
Project Management Techniques and Software 3 Units
Formerly: CIS 75
Prerequisite: None
Advisory: CISC 300 or 310.
Hours: 54 hours LEC
This is an introductory course covering the responsibilities of a project manager. It includes the knowledge needed to manage project resources. The course will also introduce the student to the use of project management software to track project resources, tasks and milestones. Not open to students who have received credit for MGMT 142.

CISA 299
Experimental Offering in Computer Information Science - Applications .5-4 Units
Formerly: CIS 99
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

CISA 300
Beginning Word Processing 1 Unit
Formerly: CIS 11A
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 two units 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
Formerly: CIS 11B
Prerequisite: CISA 300. Grade of “C” or better required to meet prerequisite.
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 302
Advanced Word Processing 1 Unit
Formerly: CIS 11C
Prerequisite: CISA 301. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 18 hours LEC
This is a course designed to build upon previous training in the use of word processing. The course includes a brief review of word processing features, then covers advanced features such as advanced desktop publishing features, advanced styles, advanced tables, outlines, table of contents, and indexes. 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 309
Word Processing - Update .5-1 Unit
Formerly: CIS 11U
Prerequisite: CISA 301. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 9 hours LEC
New versions of computer software are released on a regular basis. The purpose of this course is to help students develop advanced skills and describe the changes and improvements in the software. This course assumes that students have knowledge of existing software and are looking to update their skills and develop new capabilities. Credit will be awarded on the basis of one-half unit for each nine hours of lecture. This course may be taken four times for credit on new versions of software.

CISA 310
Introduction to Electronic Spreadsheets 1 Unit
Formerly: CIS 12A
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
Formerly: CIS 12B
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 319
Electronic Spreadsheet-Update .5-1 Units
Formerly: CIS 12U
Prerequisite: CISA 311. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 9 hours LEC
New versions of computer software are released on a regular basis. The purpose of this course is to help students develop advanced skills and describe the changes and improvements in the software. This course assumes that students have knowledge of existing software and are looking to update their skills and develop new capabilities. Credit will be awarded on the basis of one-half unit for each nine hours of lecture. This course may be taken four times for credit on new versions of software.

CISA 320
Introduction to Database Management 1 Unit
Formerly: CIS 13A
Prerequisite: None
Advisory: CISC 300 or 310.
Course Transferable to CSU
Hours: 18 hours LEC
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. Note: This course will have an additional lab component when taken at Folsom Lake, Rancho Cordova or El Dorado Center.

CISA 321
Intermediate Database Management 1 Unit
Formerly: CIS 13B
Prerequisite: CISA 320. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 18 hours LEC
This course will extend the capabilities of students who have started to use a microcomputer database. Topics and laboratory will include complex relational databases, form design, intermediate report design, advanced queries, OLE objects, macros and an introduction to visual programming. Students may receive one unit credit for each topic offered. Consult the class schedule for specific topics. This course may be taken four times for credit. Note: This course will have an additional lab component when taken at Folsom Lake, Rancho Cordova or El Dorado Center.

CISA 329
Database Management - Update .5-1 Unit
Formerly: CIS 13U
Prerequisite: CISA 321. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 9 hours LEC
New versions of computer software are released on a regular basis. The purpose of this course is to help students develop advanced skills and describe the changes and improvements in the software. This course assumes that students have knowledge of existing software and are looking to update their skills and develop new capabilities. Credit will be awarded on the basis of one-half unit for each nine hours of lecture. This course may be taken four times for credit on new versions of software.

CISA 330
Desktop Publishing 2 Units
Formerly: CIS 17A
Prerequisite: None
Advisory: CISC 300 or 310; and CISA 300.
Course Transferable to CSU
Hours: 27 hours LEC ; 27 hours LAB
This course will cover the introductory elements of desktop publishing. The course is taught in three modules with a project attached to each module. The course covers hardware and software, elements of design, computer graphics, text composition, page layout, and integration of text and graphics. Projects may include, but are not limited to: business cards, stationery, logos, covers, flyers, brochures, newsletters. Students may receive two units credit for each topic offered. Not open to students who have received credit for JOUR 335.

CISA 331
Intermediate Desktop Publishing 2 Units
Formerly: CIS 17B
Prerequisite: CISA 330 or JOUR 335. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 27 hours LEC ; 27 hours LAB
This course will cover the intermediate elements of desktop publishing. The course is taught in three modules with a project attached to each module. The course covers intermediate hardware and software, elements of intermediate design, graphics and text composition, multi-page layout, design for publishing presentations, project management and single- and multi-page documents. Projects may include, but are not limited to, reports, sicks, slides, overheads, posters, transparencies, billboards, brochures, newsletters. Students may receive two units credit for each topic offered. Not open to students who have received credit for JOUR 336.
CISA 339
Desktop Publishing - Update .5-1 Unit
Formerly: CIS 17U
Prerequisite: CISA 331. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 9 hours LEC ; 9 hours LAB
New versions of computer software are released on a regular basis. The purpose of this course is to help students develop advanced skills and describe the changes and improvements in the software. This course assumes that students have knowledge of existing software and are looking to update their skills and develop new capabilities. Credit will be awarded on the basis of one-half unit for each nine hours of lecture. This course may be taken four times for credit on new versions of software.

CISA 340
Presentation Graphics 2 Units
Formerly: CIS 15A and CIS15B
Prerequisite: None
Advisory: CISC 300 or 310.
Course Transferable to CSU
Hours: 27 hours LEC ; 27 hours LAB
This course is an introduction to the use of a computer to generate graphics used in business. Topics include hardware (screens, printers, input devices), software, (paint, chart, Photoshop), and types of graphics (photographs, graphics, charts, and designs). Students will learn how to edit and format presentations and present those ideas to an audience. The class includes lecture and hands-on experience. The course may be taken four times for credit on different software programs.

CISA 349
Presentation Graphics - Update .5-1 Unit
Formerly: CIS 15U
Prerequisite: CISA 341. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 9 hours LEC
New versions of computer software are released on a regular basis. The purpose of this course is to help students develop advanced skills and describe the changes and improvements in the software. This course assumes that students have knowledge of existing software and are looking to update their skills and develop new capabilities. Credit will be awarded on the basis of one-half unit for each nine hours of lecture. This course may be taken four times for credit on new versions of software.

CISA 405
Scripting for Applications 3 Units
Formerly: CIS 26
Prerequisite: None
Course Transferable to CSU
Hours: 54 hours LEC
This course is an introduction to the application scripting. Topics include OS environment, office suites, scripting languages, user interface, creating macros, using application objects, properties and methods, customizing applications, linking application data, buttons, boxes, graphics, data handling, error handling, control, and form handling. This course will enable students to understand object oriented programming concepts like forms, methods, projects and modules. Students will design useful application macros and scripts. Students may receive three units of credit for each topic offered. Consult the class schedule for specific topics. This course may be taken four times for credit.

CISA 499
Experimental Offering in Computer Information Science - Applications .5-4 Units
Formerly: CIS 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

Computer Information Science Core (CISC)

CISC 300
Computer Familiarization 1 Unit
Formerly: CIS 1
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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CISC 303</td>
<td>Computer Skills for Educators</td>
<td>3</td>
<td>This course is designed for educators of young children. The course will provide a comprehensive overview of the use of computer technology in the classroom in order to enhance the educational advancement of the child and facilitate ease of instruction and administration for the teacher. The course will provide hands-on experience in the use of computer applications, educational software, and problem-solving skills. Not open to students who have received credit for ECE 302.</td>
</tr>
<tr>
<td>CISC 305</td>
<td>Introduction to the Internet</td>
<td>1</td>
<td>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). Note: This course will have an additional lab component when taken at Folsom Lake, Rancho Cordova or El Dorado Center.</td>
</tr>
<tr>
<td>CISC 306</td>
<td>Introduction to Web Page Creation</td>
<td>1</td>
<td>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. Note: This course will have an additional lab component when taken at Folsom Lake, Rancho Cordova or El Dorado Center.</td>
</tr>
<tr>
<td>CISC 310</td>
<td>Introduction to Computer Information Science</td>
<td>3</td>
<td>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.</td>
</tr>
<tr>
<td>CISC 320</td>
<td>Operating Systems</td>
<td>1</td>
<td>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. Note: This course will have an additional lab component when taken at Folsom Lake, Rancho Cordova or El Dorado Center.</td>
</tr>
<tr>
<td>CISC 321</td>
<td>Intermediate Operating Systems</td>
<td>1</td>
<td>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. Note: This course will have an additional lab component when taken at Folsom Lake, Rancho Cordova or El Dorado Center.</td>
</tr>
<tr>
<td>CISC 322</td>
<td>Advanced Operating Systems</td>
<td>1</td>
<td>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. Note: This course will have an additional lab component when taken at Folsom Lake, Rancho Cordova or El Dorado Center.</td>
</tr>
<tr>
<td>CISC 329</td>
<td>Operating Systems - Update</td>
<td>.5-1</td>
<td>New versions of computer software are released on a regular basis. The purpose of this course is to help students develop advanced skills and describe the changes and improvements in the software. This course assumes that students have knowledge of existing software and are looking to update their skills and develop new capabilities. Credit will be awarded on the basis of one-half unit for each nine hours of lecture. This course may be taken four times for credit on new versions of software.</td>
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<tr>
<td>Course Code</td>
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<tr>
<td>CISC 350</td>
<td>Introduction to Data Communications</td>
<td>1</td>
<td>This course is an introductory hands-on course in networking and network hardware and software. It will include Internet, e-mail, modems, communications protocol, local area networks, wide area networks, network architecture, and protocols. CISC 351 or 356 and this course are preparation for the Network+ Certification Exam.</td>
</tr>
<tr>
<td>CISC 351</td>
<td>Introduction to Local Area Networks</td>
<td>1</td>
<td>This course is an intermediate, hands-on course in networking and network hardware and software. It includes troubleshooting network operating systems, analyzing network performance, and network security techniques. It will also include modulation, error detection, and multiplexing and fiber optics communication. CISC 350 or 355 and this course are preparation for the Network+ Certification Exam.</td>
</tr>
<tr>
<td>CISC 360</td>
<td>Microcomputer Support and Maintenance</td>
<td>4</td>
<td>This course is an introduction to technical support and maintenance of microcomputers. It includes lecture and hands-on application of help desk concepts and responsibilities, hardware and software troubleshooting in a networked environment, system documentation, and technical communication skills.</td>
</tr>
<tr>
<td>CISC 495</td>
<td>Independent Studies in Computer Information Science - Core</td>
<td>1-3</td>
<td>This course provides an introduction to networking theory and routing technologies, including the OSI Model, IP addressing, routing concepts, LAN media, and network management and analyses. This is the second course in preparation for the CISCO CCNA certification examination.</td>
</tr>
<tr>
<td>CISC 499</td>
<td>Experimental Offering in Computer Information Science - Core</td>
<td>.5-4</td>
<td>This course provides advanced routing and switching technologies. Topics include advanced router configurations, network management, advanced network design, LAN switching, and VLANS. This is the third course in preparation for the CISCO CCNA certification examination.</td>
</tr>
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**Computer Information Science Networking (CISN)**

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>CISN 140</td>
<td>CISCO Networking Academy (CCNA)™: Data Communication and Networking Fundamentals</td>
<td>3</td>
<td>This course is designed to introduce students to data communication and networking fundamentals. The course surveys data communication hardware and software components and basic networking concepts. Topics covered include data communication, the OSI Model, IP addressing, routing concepts, LAN media, and network management and analyses. This is the first course in preparation for the CISCO CCNA certification examination.</td>
</tr>
<tr>
<td>CISN 141</td>
<td>CISCO Networking Academy (CCNA)™: Networking Theory and Routing Technologies</td>
<td>3</td>
<td>This course provides an introduction to networking theory and routing technologies, including the OSI Model, beginning router configuration, and routed and routing protocols. This is the second course in preparation for the CISCO CCNA certification examination.</td>
</tr>
<tr>
<td>CISN 142</td>
<td>CISCO Networking Academy (CCNA)™: Advanced Routing and Switching</td>
<td>3</td>
<td>This course provides advanced routing and switching technologies. Topics include advanced router configurations, network management, advanced network design, LAN switching, and VLANS. This is the third course in preparation for the CISCO CCNA certification examination.</td>
</tr>
</tbody>
</table>
CISP 143
CISCO Networking Academy (CCNA)™:  
Wide Area Network  
and Project-Based Learning  
3 Units
Formerly: CIS 72D
Prerequisite: CISN 142. Grade of "C" or better required to meet prerequisite.
Hours: 54 hours LEC; 18 hours LAB
This course develops knowledge and skills to design and configure an advanced, wide area network (WAN) projects using the CISCO IOS command set. This is the fourth course in preparation for the CISCO CCNA certification examination.

CISP 299
Experimental Offering in  
Computer Information Science - Networking  
.5-4 Units
Formerly: CIS 99
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

Computer Information Science Programming (CISP)

CISP 300
Algorithm Design/Problem Solving  
3 Units
Formerly: CIS 41
Prerequisite: None
Corequisite: CISC 310 (may be taken previously). Grade of "C" or better required to meet corequisite.
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
Formerly: CIS 35A
Prerequisite: CISC 310. Grade of "C" or better required to meet prerequisite.
Course Transferable to UC/CSU
(CAN CSCI 10)
Hours: 72 hours LEC
This course teaches Assembly language programming using the Pentium family of microprocessors. The course will cover architecture, instruction set, addressing modes, interrupts and peripheral control. Program structure and operating system support features that are available to the Assembly language programmer will be studied. Structured programming and efficient design will be emphasized.

CISP 350
Database Programming  
3 Units
Formerly: CIS 37
Prerequisite: CIS A 320 and three units in any programming language. Grade of "C" or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 54 hours LEC
This is an introductory course in programming database. The topics include analysis and design, modular programming, screen displays and menus, and multiple databases. Students may receive three units credit for each topic offered. Consult the class schedule for specific topics. This course may be taken four times for credit.

CISP 351
Introduction to Relational Database Design and SQL  
3 Units
Formerly: CIS 52A
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
Formerly: CIS 52B
Prerequisite: None
Advisory: Completion of CISP 351 or equivalent.
Course Transferable to CSU
Hours: 54 hours LEC
This course builds upon the Introduction to Relational Databases and SQL course with more in-depth SQL constructs common to most commercial database products and extensions to the SQL language. Topics include: complex joins including inner and outer joins, correlated subqueries, complex table definition, table and column constraints, Union, Intersection, Minus, triggers, procedures and packages.

CISP 353
Application Development in a Client Server Environment  
3 Units
Formerly: CIS 53
Prerequisite: None
Advisory: Completion of CISP 352 or equivalent.
Course Transferable to CSU
Hours: 54 hours LEC
This course is designed for the intermediate level SQL programmer to design, create and deploy GUI applications that access relational database management systems. Topics include: GUI design fundamentals, data control and access methods (remote and local), creating datasets, implementing joins, transaction processing, multi-user data access, record locking, and deploying and installing applications on client workstations.
CISP 354  
Introduction to Relational Database Administration  3 Units  
Formerly: CIS 54  
Prerequisite: None  
Advisory: Completion of CISP 352 or equivalent.  
Course Transferable to CSU  
Hours: 54 hours LEC  
This course is designed to introduce students to administering a relational database management system. Topics include: managing users, privileges, resources, and tablespaces; creating an operational database, managing database files; how to start up and shut down an instance or database, the data dictionary, transaction processing, and backup and recovery issues. Completion will provide students with sufficient knowledge for an entry level Database Administration position in industry.

CISP 360  
Introduction to Structured Programming  4 Units  
Formerly: CIS 32A  
Prerequisite: CISP 300. Grade of "C" or better required to meet prerequisite.  
Course Transferable to UC/CSU  
Hours: 72 hours LEC  
This course is an introduction to structured programming. The topics covered include: top-down design, input/output considerations, control structures and flow control, variables, constants, the use of libraries, simple to intermediate data structures, functions, and arguments. An introduction into objects will be included.

CISP 370  
Beginning Visual BASIC  4 Units  
Formerly: CIS 38  
Prerequisite: CISP 300. Grade of "C" or better required to meet prerequisite.  
Course Transferable to UC/CSU  
Hours: 72 hours LEC  
This course is an introduction to the Visual BASIC programming language. Students will design, build, and test interactive stand-alone Windows applications with features such as buttons, text input boxes, drop-down lists, menus, dialog boxes, and multiple windows.

CISP 400  
Object Oriented Programming with C++  4 Units  
Formerly: CIS 32B  
Prerequisite: CISP 360. Grade of "C" or better required to meet prerequisite.  
Course Transferable to UC/CSU  
Hours: 72 hours LEC  
This course is an intermediate C++ course designed to further enhance the students' abilities to design and develop object-oriented programs. Included is an emphasis in GUI development. Detailed information into class design and implementation, function templates, dynamic pointers and intermediate level arrays is provided.

CISP 405  
Object Oriented Programming using C# on Visual Studio .NET  4 Units  
Prerequisite: CISP 400. Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU  
Hours: 72 hours LEC  
This course is an introduction to C# object oriented programming language on Visual Studio .NET environment. Topics will include Visual Studio .NET IDE, Constructors, Methods, Arrays, Inheritance, Polymorphism, Exception Handling, GUI, and Multithreading. This course is designed for students to understand the web base as well as system development capabilities of C#.

CISP 409  
Object Oriented Programming  4 Units  
Formerly: CIS 39  
Prerequisite: The student must have satisfactorily completed a course in introduction to programming, required to meet prerequisite in the fundamental language of the object oriented programming language (examples: CISP 370-Beginning Visual BASIC for Visual BASIC, CISP 365-Pascal for Delphi, CISP 400-Object Oriented Programming with C++). Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU  
Hours: 72 hours LEC  
This course is an introduction to object oriented programming. It may use a number of different programming languages (including but not limited to: Visual BASIC, Delphi, C++) and may be taken more than once for credit for different programming languages. The student must have successfully completed an introductory class (such as CISP 365, 370, 400) in the fundamental language of that being offered. The student will learn how to look at data and its relationships to the functions that operate on data. Topics will include but not be limited to: forms, components, properties, classes, objects, static and dynamic relationships, data bases, data sets, queries, hierarchies, inheritance, coding, dialog boxes, associations, testing and debugging.

CISP 430  
Data Structures  4 Units  
Formerly: CIS 40  
Prerequisite: The student must have satisfactorily completed a course in intermediate programming in the language of the structures course being offered. For example: CISP 409 or 400 with a grade of “C” or better.  
Course Transferable to UC/CSU  
Hours: 72 hours LEC  
This course applies a case study approach which incorporates techniques for systematic problem analysis, program specification, design, coding, testing, debugging and documentation of large programs. Advanced language features related to strings, non-text files, pointers, recursion, and object-oriented programming methodology are covered. Data structures include stacks, queues, trees, lists, etc. Searching and sorting techniques are discussed. Student may receive four units of credit for each topic offered. Consult the class schedule for specific topics. This course may be taken four times for credit.
CISP 440
Discrete Structures for Computer Science 3 Units
Formerly: CIS 44
Prerequisite: MATH 370. Grade of “C” or better required to meet prerequisite.
Corequisite: CISP 430. Grade of “C” or better required to meet corequisite.
Course Transferable to UC/CSU
Hours: 54 hours LEC
This course is an introduction to the essential discrete structures used in Computer Science, with emphasis on their applications. Topics to be covered include: elementary formal logic and set theory, elementary combinatorics, recursive programming and algorithm analysis, digital logic and switching, combinational circuits, and computer arithmetic.

CISP 499
Experimental Offering in Computer Information Science - Programming .5-4 Units
Formerly: CIS 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options

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Computer Information Science
Web (CISW)

CISW 300
Web Publishing 3 Units
Formerly: CIS 22
Prerequisite: None
Advisory: CISC 305; familiarity with the Internet and its basic services.
Course Transferable to CSU
Hours: 54 hours LEC
This course is an introduction to publishing on the Internet’s World Wide Web (www). Topics include creating www pages with the HyperText Markup Language (html), organizing a series of pages into a website, and uploading web pages to a server. The course makes extensive use of the computer tools necessary to insert html tags, create images, and view web documents. This course prepares apprentice web designers and publishers to identify the information dissemination needs of a client, design an appropriate World Wide Web solutions, and implement it.

CISW 305
Web Site Development using Dreamweaver 3 Units
Prerequisite: None
Course Transferable to CSU
Hours: 54 hours LEC
Students will use Dreamweaver, a visual web-authoring tool, to design, 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 structures using web site management tools, and utilizing design standards for site consistency. Students will work individually and as a member of a team to plan, implement, test and evaluate web sites.

CISW 350
Imaging for the Web 1 Unit
Formerly: CIS 21G
Prerequisite: None
Advisory: CISC 306
Course Transferable to CSU
Hours: 18 hours LEC ; 18 hours LAB
This course takes a look at designing graphics for the web. Using industry standard graphic software, students will create original graphics as well as manipulate found imagery. Through lecture, demonstration and hands-on methods as well as class/instructor critiques, students will understand the process for designing graphics for use on the World Wide Web. Topics include developing graphic elements for a web site using a visual theme, creating buttons and intuitive navigational elements, making background textures and images, understanding web file formats, scanning, and simple animations that enhances a web site. This course may be take four times for credit.

CISW 380
e-Business: Introduction and Environment; Technology and Infrastructure 3 Units
Formerly: CIS 24
Prerequisite: None
Advisory: BUS 300; CISC 305.
Course Transferable to CSU
Hours: 54 hours LEC
Information is now exchanged very rapidly and customers have an instantaneous way to compare offerings from sellers on a worldwide basis. The purpose of this course is to describe the e-business environment, describe the options available to business utilizing e-business, and identify the critical components needed to develop a plan and strategy to implement for a business. The course will focus on e-business for small and medium sized businesses. Not open to students who have received credit for BUS 360.
CISW 380.1  
**e-Business: Introduction and Environment**  
1.5 Units  
Formerly: CIS 24A  
Prerequisite: None  
Advisory: BUS 300; CISC 305.  
Course Transferable to CSU  
Hours: 27 hours LEC  
Information is now exchanged very rapidly and customers have an instantaneous way to compare offerings from sellers on a worldwide basis. The purpose of this course is to describe the e-business environment, describe the options available to business utilizing e-business, and identify the critical components needed to develop a plan and strategy to implement for a business. The course will focus on e-business for small and medium sized businesses. Not open to students who have received credit for BUS 360.1.

CISW 380.2  
**e-Business: Tools and Techniques**  
1.5 Units  
Formerly: CIS 24B  
Prerequisite: None  
Advisory: BUS 300; CISC 305; CISW 380.1 or BUS 360.1.  
Course Transferable to CSU  
Hours: 27 hours LEC  
The explosive growth of the Internet has changed the fundamental ways in which business is conducted. Information is now exchanged instantly and customers have an instantaneous way to compare offerings from sellers on a worldwide basis. The purpose of this course is to explore the tools, techniques, and technology needed to implement a company’s e-business strategy. Specific content will include payment systems, privacy and security issues, hardware and software solutions, and business issues directly related to e-commerce. The course will focus on e-business infrastructure for small and medium sized businesses. Not open to students who have received credit for BUS 360.2.

CISW 425  
**Scripting for the Internet**  
4 Units  
Formerly: CIS 25  
Prerequisite: None  
Advisory: CISW 300 and CISC 310.  
Course Transferable to CSU  
Hours: 72 hours LEC  
This course introduces the student to Internet web page programs designed with various scripting tools. This course emphasizes the creation of web pages incorporating complex processes using a traditional structured, topdown design and implementation approach. Students will learn to design and write scripts to automate processes, maintain databases, handle image maps, maintain security, implement statistical data collection, do problem analysis, do general housekeeping, build templates, and do other multi-media tasks. Students may receive four units of credit for each topic offered. Consult the class schedule for specific topics. This course may be taken four times for credit.

CISW 499  
**Experimental Offering in Computer Information Science-Web**  
.5-4 Units  
Formerly: CIS 49  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options
Construction Management Technology

Folsom Lake College offers Work Experience in CMT. Students interested in pursuing a career in CMT. Students pursuing a career in CMT should see a counselor and review the Cosumnes River College program which offers training of management-level employees for the construction industry, as well as preparation for transfer to a four-year college or university construction program. Graduates may be employed by contractors, business and government agencies for work in project planning, estimating and project coordinating.

Career Options
- Plan Checker; Estimator; Superintendent;
- Project Manager; Contractor; Retail/Wholesale;
- Office Manager; Developer; Foreman; Laborer

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
- Current curriculum emphasizes analytical problem solving and management skills
- Field trips to a variety of construction sites to study construction methods and procedures (Instructor option)
- Transfer potential to 4-year programs in Construction Technology

Construction Management Tech (CMT)

CMT 498
Work Experience in Construction Management Technology 1-4 Units
Formerly: CMT 98
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
Criminal Justice

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
Formerly: CJC 121A
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
Formerly: CJC 121B
Prerequisite: CJ 1000. Grade of “C” or better required to meet prerequisite.
Hours: 12 hours LEC ; 12 hours LAB
Legal, moral and safety aspects of firearms use; range firing and qualification. Complies with the requirements of section 832 of the Penal Code. Certified by POST (Peace Officers Standards and Training). Students may wish to challenge the prerequisite on the basis of equivalent experience.
Early Childhood Education

DEGREES
A.A. — Early Childhood Education
A.A. — Early Childhood Education, Site Supervisor

CERTIFICATES
Early Childhood Education, Assistant Teacher
Early Childhood Education, Associate Teacher
Early Childhood Education, Teacher
Early Childhood Education, Master Teacher
Early Childhood Education, Infant Specialist
Early Childhood Education, School Age Child Care
Early Childhood Education, Program Management
Early Childhood Education, Family Day Care
Early Intervention Assistant I

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

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

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.

Secondary Teaching
In order for a student to prepare for a secondary teaching credential, the student should complete the lower division requirements for the teaching major while completing the transfer general education requirements needed for transfer. A counselor can assist the student in selecting the appropriate courses.

Note: Students planning to enroll in Work Experience or practicum classes [ECE 320 (3), ECE 321 (4), ECE 350 (10), and ECE 498 (48)] must show evidence of TB clearance before working with children.

Highlights
Two AA Degrees and nine certificates
On- and off-campus course offerings
### A.A. DEGREES

The Teacher and Master Teacher Certificates, as well as the AA Degrees in Early Childhood Education and the Site Supervisor, are aligned with the Child Development Permits issued by California's Commission of Teacher Credentialing (January 1997). California law requires that teachers in state funded child care and development programs possess a Child Development Permit.

#### DEGREE

**A.A.—Early Childhood Education**

**REQUIRED PROGRAM** ................................................................. Units  
ECE 300 (1) Introduction to Early Childhood Education ........... 3  
ECE 320 (3) Principles and Practices in ECE .......................... 4  
ECE 321 (4) Advanced Principles and Practices in ECE ............. 4  
ECE 420 (5) Admin of Child Development Centers (3) or  
ECE 330 (7A) Infant Development (3) or  
ECE 400 (8) The Exceptional Child (3) or  
ECE 404 (11) Children with Special Needs (3) or  
ECE 356 (9) Programs for the School-Age Child (3) .............. 3  
ECE 410 (13) Health and Safety in the Child Care Setting ....... 1  
ECE 415 (14) Children's Health, Safety & Nutrition or  
NUTRI 320 (14) Children's Health, Safety & Nutrition .......... 3  
ECE 430 (36) Culture and Diversity in ECE ............................. 3  
FCS 312 (34) Child Development or  
PSYC 372 (34) Child Development ........................................ 3  
FCS 314 (35) The Child, the Family and the Community .......... 3  

**Plus six (6) units selected from:**  
ART 430 (26) Art and Children (3)  
ENGLT 370 (39) Children and Literature (3)  
MUSM 370 (9) Music for Children (3)  
CISC 303 (4) or ECE 302 (29) Computer Skills for Educators (3)  

**TOTAL UNITS REQUIRED** ...................................................... 33  

Suggested Electives:  
ECE 402 (6), 356 (9), 415 (14), 496 (46), 424 (47);  
FCS 322 (33); MUIVI 340 (30A), 341 (30B), 370 (42A);  
NUTRI 300 (10); SPAN 401 (1A), 101 (50A); ECE 364 (24).

#### DEGREE

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

**REQUIRED PROGRAM** ................................................................. Units  
ECE 300 (1) Introduction to Early Childhood Education ........... 3  
ECE 320 (3) Principles and Practices in ECE .......................... 4  
ECE 321 (4) Advanced Principles and Practices in ECE ............. 4  
ECE 420 (5) Admin of Child Development Centers ......... 3  
ECE 330 (7A) Infant Development (3) or  
ECE 400 (8) The Exceptional Child (3) or  
ECE 404 (11) Children with Special Needs (3) or  
ECE 408 (12) Child Development  
PSYC 372 (34) Child Development ........................................ 3  
FCS 314 (35) The Child, the Family and the Community .......... 3  
ECE 424 (47) Adult Supervision: Mentoring in a Collaborative Learning Setting ................. 2  

**TOTAL UNITS REQUIRED** ...................................................... 32  

To be eligible for the Child Development Permit (Site Supervisor), complete AA degree in ECE. Students must complete experience requirements for the particular permit for which they are applying. See ECE Department for further information.

Suggested Electives:  
ECE 402 (6), 356 (9), 415 (14), 496 (46), 498 (48); FCS 322 (33);  
MUIVI 340 (30A), 341 (30B), 370 (42A), MUSM 370 (9); NUTRI 300 (10); SPAN 401 (1A), 101 (50A); ECE 364 (24); ART 430 (26); ENGLT 370 (39); CISC 303 (4)/ECE 302 (29).

### CERTIFICATES

**CERTIFICATE**  
Upon completion of one of the following certificates, and with appropriate documented experience, the student meets the minimum requirements for employment in a privately funded child care program or family day care program. Certificates are designed to meet varying employment levels and focused training with infants and school-age children. These requirements are outlined in Title 22 (Department of Social Services) regulations for child care licensing.

#### CERTIFICATE

**Early Childhood Education, Assistant Teacher**  

**REQUIRED PROGRAM** ................................................................. Units  
FCS 312 (34) Child Development or  
PSYC 372 (34) Child Development ........................................ 3  
ECE 498 (48) Work Experience in ECE ................................. 1  

**TOTAL UNITS REQUIRED** ...................................................... 7  

Upon completion, this certificate will allow students entry into the field and with additional units be able to become a fully qualified Associate Teacher (14 unit certificate).

#### CERTIFICATE

**Early Childhood Education, Associate Teacher**  

**REQUIRED PROGRAM** ................................................................. Units  
ECE 300 (1) Introduction to Early Childhood Education ........... 3  
FCS 312 (34) Child Development or  
PSYC 372 (34) Child Development ........................................ 3  
ECE 410 (13) Health and Safety in Child Care Setting ....... 1  

**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.

#### CERTIFICATE

**Early Childhood Education, Family Day Care**  

**REQUIRED PROGRAM** ................................................................. Units  
ECE 300 (1) Introduction to Early Childhood Education ........... 3  
ECE 410 (13) Health and Safety in Child Care Setting ....... 1  
ECE 304 (19) Introduction to Family Day Care ..................... 1  
ECE 498 (48) Work Experience in ECE ................................. 4  
FCS 312 (34) Child Development or  
PSYC 372 (34) Child Development ........................................ 3  

**TOTAL UNITS REQUIRED** ...................................................... 15  

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 they are applying. See ECE Department for further information.
### Certificate

**Early Childhood Education, Infant Specialist**
(formerly ECE, Infant Care)

Upon completion of this certificate and with appropriate documented experience, the student meets the minimum requirements for employment in an infant care program.

**REQUIRED PROGRAM** ............................................. Units

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 300 (1)</td>
<td>Introduction to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>ECE 320 (3)</td>
<td>Principles and Practices in ECE</td>
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</tr>
<tr>
<td>ECE 330 (7A)</td>
<td>Infant Development</td>
<td>3</td>
</tr>
<tr>
<td>ECE 331 (7B)</td>
<td>Education and Care of Infants in Group Settings</td>
<td>3</td>
</tr>
<tr>
<td>ECE 334 (7L)</td>
<td>Laboratory with Infants and Toddlers</td>
<td>1</td>
</tr>
<tr>
<td>ECE 410 (13)</td>
<td>Health and Safety in Child Care Settings</td>
<td>1</td>
</tr>
<tr>
<td>FCS 312 (34)</td>
<td>Child Development</td>
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<tr>
<td>PSYC 372 (34)</td>
<td>Child Development</td>
<td>3</td>
</tr>
<tr>
<td>FCS 314 (35)</td>
<td>The Child, the Family, and the Community</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL UNITS REQUIRED** ......................................... 21

### Certificate

**Early Childhood Education, School Age Child Care**

**REQUIRED PROGRAM** ............................................. Units

<table>
<thead>
<tr>
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<th>Title</th>
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</tr>
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<tbody>
<tr>
<td>ECE 300 (1)</td>
<td>Introduction to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>ECE 320 (3)</td>
<td>Principles and Practices in ECE</td>
<td>4</td>
</tr>
<tr>
<td>ECE 321 (4)</td>
<td>Advanced Principles and Practices in ECE*</td>
<td>4</td>
</tr>
<tr>
<td>ECE 498 (48)</td>
<td>Work Experience in ECE*</td>
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</tr>
<tr>
<td>ECE 356 (9)</td>
<td>Programs for the School-Age Child (3)</td>
<td>or</td>
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<tr>
<td>ECE 364 (24)</td>
<td>Fundamentals of Movement &amp; Rhythm in ECE (2)</td>
<td>2</td>
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<tr>
<td>ECE 410 (13)</td>
<td>Health and Safety in Child Care Setting</td>
<td>1</td>
</tr>
<tr>
<td>FCS 312 (34)</td>
<td>Child Development</td>
<td></td>
</tr>
<tr>
<td>PSYC 372 (34)</td>
<td>Child Development</td>
<td>3</td>
</tr>
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<td>FCS 314 (35)</td>
<td>The Child, the Family, and the Community</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL UNITS REQUIRED** ......................................... 20

### Certificate

**Early Childhood Education, Program Management**

**REQUIRED PROGRAM** ............................................. Units

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>ECE 300 (1)</td>
<td>Introduction to Early Childhood Education</td>
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</tr>
<tr>
<td>ECE 320 (3)</td>
<td>Principles and Practices in ECE</td>
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<tr>
<td>ECE 321 (4)</td>
<td>Advanced Principles and Practices in ECE*</td>
<td>4</td>
</tr>
<tr>
<td>ECE 498 (48)</td>
<td>Work Experience in ECE*</td>
<td></td>
</tr>
<tr>
<td>ECE 420 (5)</td>
<td>Administration of Child Development Centers</td>
<td>3</td>
</tr>
<tr>
<td>ECE 410 (13)</td>
<td>Health and Safety in Child Care Setting</td>
<td>1</td>
</tr>
<tr>
<td>ECE 415 (14)</td>
<td>Children’s Health, Safety and Nutrition</td>
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<tr>
<td>NUTRI 320 (14)</td>
<td>Children’s Health, Safety and Nutrition</td>
<td></td>
</tr>
<tr>
<td>FCS 312 (34)</td>
<td>Child Development</td>
<td></td>
</tr>
<tr>
<td>PSYC 372 (34)</td>
<td>Child Development</td>
<td>3</td>
</tr>
<tr>
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<td>The Child, the Family, and the Community</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL UNITS REQUIRED** ......................................... 24

### Certificate

**Early Childhood Education Teacher**

**REQUIRED PROGRAM** ............................................. Units

<table>
<thead>
<tr>
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<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ECE 300 (1)</td>
<td>Introduction to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>ECE 320 (3)</td>
<td>Principles and Practices in ECE</td>
<td>4</td>
</tr>
<tr>
<td>ECE 321 (4)</td>
<td>Advanced Principles and Practices in ECE*</td>
<td>4</td>
</tr>
<tr>
<td>ECE 330 (7A)</td>
<td>Infant Development</td>
<td>3</td>
</tr>
<tr>
<td>ECE 400 (8)</td>
<td>The Exceptional Child (3)</td>
<td>or</td>
</tr>
<tr>
<td>ECE 404 (11)</td>
<td>Children with Special Needs (3)</td>
<td>or</td>
</tr>
<tr>
<td>ECE 356 (9)</td>
<td>Programs for the School-Age Child (3)</td>
<td></td>
</tr>
<tr>
<td>ECE 410 (13)</td>
<td>Health and Safety in the Child Care Setting</td>
<td>1</td>
</tr>
<tr>
<td>ECE 430 (36)</td>
<td>Culture and Diversity in ECE</td>
<td>3</td>
</tr>
<tr>
<td>FCS 312 (34)</td>
<td>Child Development</td>
<td></td>
</tr>
<tr>
<td>PSYC 372 (34)</td>
<td>Child Development</td>
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</tr>
<tr>
<td>FCS 314 (35)</td>
<td>The Child, the Family, and the Community</td>
<td>3</td>
</tr>
</tbody>
</table>

**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 and with at least one course in each of the following areas: English, Humanities, Social Science, Math/Science. Please refer to the General Education Requirements for a list of acceptable courses. Students must also complete experience requirements for the particular permit for which you are applying. See ECE Department for further information.

### Certificate

**Early Childhood Education, Master Teacher**

**REQUIRED PROGRAM** ............................................. Units

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 300 (1)</td>
<td>Introduction to Early Childhood Education</td>
<td>3</td>
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<td>Principles and Practices in ECE</td>
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<tr>
<td>ECE 321 (4)</td>
<td>Advanced Principles and Practices in ECE*</td>
<td>4</td>
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<tr>
<td>ECE 330 (7A)</td>
<td>Infant Development</td>
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<td>The Exceptional Child (3)</td>
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<td>Programs for the School-Age Child (3)</td>
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</tr>
<tr>
<td>ECE 410 (13)</td>
<td>Health and Safety in the Child Care Setting</td>
<td>1</td>
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<tr>
<td>ECE 430 (36)</td>
<td>Culture and Diversity in ECE</td>
<td>3</td>
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<tr>
<td>FCS 312 (34)</td>
<td>Child Development</td>
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<tr>
<td>PSYC 372 (34)</td>
<td>Child Development</td>
<td>3</td>
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<tr>
<td>FCS 314 (35)</td>
<td>The Child, the Family, and the Community</td>
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<tr>
<td>ECE 424 (47)</td>
<td>Adult Supervision: Mentoring in a Collaborative Learning Setting</td>
<td>6</td>
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</tbody>
</table>

**TOTAL CORE UNITS REQUIRED** .................................. 32

**GENERAL EDUCATION UNITS** ..................................... 16

To be eligible for the Child Development Permit (Teacher) students must complete 16 units in general education categories which meet graduation requirements and with at least one course in each of the following areas: English, Humanities, Social Science, Math/Science. Please refer to the General Education Requirements for a list of acceptable courses. Students must also complete experience requirements for the particular permit for which you are applying. See ECE Department for further information.

**TOTAL UNITS REQUIRED** ......................................... 48
Master Teacher Specialization Options

Select one (1) six-unit option below:

Note: Courses may not double count for core and specialization

Infant and Toddler Care .......................................................... 7 units
ECE 330 (7A)  Infant Development (3)
ECE 331 (7B)  Education and Care of Infants (3)
ECE 334 (7L)  Laboratory with Infants and Toddlers (1)

Art with Children ................................................................. 6 units
ART 430 (26)  Art and Children (3)
And one of the following:
ARTh 300 (ART 10)  Introduction to Art (3)
ART 320 (14)  Design Fundamentals (3)

Music with Children ............................................................. 6 units
MUSM 370 (9)  Music for Children (3)
And one of the following:
MUFHL 330 (9)  World Music (3)
MUIVI 370 (42A) & 371 (42B)  Beginning Guitar (4)

Children's Health, Safety and Nutrition .............................. 6 units
ECE 415 (14)/NUTRI 320 (14)  Children's Health, Safety & Nutrition (3)
NUTRI 300 (10)  Nutrition (3)

Bilingual/Bicultural Development ........................................ 6-7 units
Select one of the following:
ANTH 310 (2)  Cultural Anthropology
BUS 330 (15)  Managing Diversity in the Workplace
SOC 321 (5)  Race, Ethnicity and Inequality in the U.S. (3)
COMM 325 (14)  Intercultural Communication
And one of the following Foreign Language courses:
French or Spanish (3-4)

Children with Exceptional Needs ...................................... 6 units
Choose one of the following:
ECE 400 (8)  The Exceptional Child (3)  or
ECE 404 (11)  Children with Special Needs (3)

AND

Choose one of the following:
ECE 498 (48)  With field or practicum placement in a special
needs classroom for young children (3)  or

One of the following:
Sign Language Studies 305 (1), 306 (2) or 315 (3):

Early Intervention Assistant II
Core units must include:
ECE 330 (7A)  Infant Development (3) and
(*with infant/toddler early intervention program)

AND Specialization units include: ................................. 6 units
ECE 402 (6)  Infants with Atypical Development (3) and
ECE 404 (11)  Children with Special Needs (3)

CERTIFICATE
Early Intervention Assistant I

REQUIRED PROGRAM ......................................................... Units
ECE 300 (1)  Introduction to Early Childhood Education .......... 3
ECE 320 (3)  Principles and Practices in ECE ......................... 4
ECE 321 (4)  Advanced Principles and Practices in ECE or
ECE 498 (48)  Work Experience in ECE* ............................ 4
* (with Infant/Toddler Early Intervention Program Practicum)
ECE 330 (7A)  Infant Development ................................. 3
ECE 404 (11)  Children with Special Needs ................. 3
ECE 410 (13)  Health and Safety in the Child Care Setting ....... 1
ECE 430 (36)  Culture and Diversity in ECE ................. 3
FCS 312 (34)  Child Development or
PSYC 372 (34)  Child Development .............................. 3
FCS 314 (35)  The Child, the Family and the Community ...... 3
TOTAL UNITS REQUIRED .................................................. 27
Early Childhood Education (ECE)

ECE 295
Independent Studies in Early Childhood Education 1-3 Units
Formerly: ECE 99I
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

ECE 299
Experimental Offering in Early Childhood Education .5-4 Units
Formerly: ECE 99
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

ECE 300
Introduction to Early Childhood Education 3 Units
Formerly: ECE 1
Prerequisite: None
Course Transferable to CSU
Hours: 54 hours LEC
This course will introduce students to the field of early childhood education, including an overview of the history of the field, current curriculum approaches, and programs serving children from infancy through the school-age years. It reviews the current status of education of young children, with a focus on integrated education. Students will learn and apply skills in observing young children, documenting the work of young children, and interpreting these documents in order to plan subsequent curriculum. Opportunities to observe in a variety of early childhood education settings will be included. This class will prepare students with background and skills they need before entry into the student teaching laboratory classes.

ECE 302
Computer Skills for Educators 3 Units
Formerly: ECE 29
Prerequisite: None
Advisory: BUSTEC 302.
Course Transferable to CSU
Hours: 54 hours LEC
This course is designed for educators of young children. The course will provide a comprehensive overview of the use of computer technology in the classroom in order to enhance the education advancement of the child and facilitate ease of instruction and administration for the teacher. The course will provide hands-on experience in the use of computer applications, educational software, and problem-solving skills. Not open to students who have received credit for CISC 303.

ECE 304
Family to Family: Introduction to Family Child Care 1 Unit
Formerly: ECE 19
Prerequisite: None
Course Transferable to CSU
Hours: 18 hours LEC
This course is an orientation to Family Child Care including local regulations, health and safety, curriculum, behavior management, and business requirements of in-home child care services.

ECE 320
Principles and Practices in Early Childhood Education 4 Units
Formerly: ECE 3
Prerequisite: FCS 312 or PSYC 372 and ECE 300. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 36 hours LEC ; 108 hours LAB
This laboratory class provides experience working with children in an early childhood setting under the supervision of a mentor teacher. Students will be assigned to the campus child development centers or centers with approved mentor teachers for the supervised laboratory experience. Lectures cover principles and practices behind effective education of young children. Students gain experience in planning, implementing, and interpreting activities with young children; in creating settings for learning with a classroom; and in guiding children’s behavior. Laboratory provides opportunities for applying these key-teaching principles in practical situations. Before beginning lab assignments, students must show proof of TB clearance.

ECE 321
Advanced Principles and Practices in Early Childhood Education 4 Units
Formerly: ECE 4
Prerequisite: FCS 312 or PSYC 372 and ECE 300 and ECE 320. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 36 hours LEC ; 108 hours LAB
This advanced laboratory class provides experiences in applying principles of overall early childhood curriculum design and effective classroom management. While working with children in an early childhood setting under the supervision of a mentor teacher, students will build on introductory experiences offered in ECE 320. Students will be assigned to the campus child development centers or centers with approved mentor teachers for the supervised laboratory experience. Lecture and laboratory components provide opportunities to plan, provision, and supervise the overall learning setting. Course work is aimed at mastering classroom leadership in the areas of child observation, documentation of children’s work, child assessment, guidance of behavior, group management, collaborative teaching and effective oversight of long-term study projects. Before beginning lab assignments, students must show proof of TB clearance.
ECE 330
Infant Development 3 Units
Prerequisite: None
Course Transferable to CSU
Hours: 54 hours LEC
This course covers infant development from conception through three years of age. Students will apply current research to the preparation for conception, birth, and raising children in the first three years of life. Students will learn strategies for caring for infants at each developmental stage. This course is for parents or professionals working with infants in health fields, education, or social services.

ECE 331
Education and Care of Infants in Group Settings 3 Units
Prerequisite: ECE 330
Course Transferable to CSU
Hours: 54 hours LEC
This course applies current research in infant development to the teaching and care of infants in group settings. Early childhood education principles and practices are emphasized in the application of care and education of infants from birth to three years of age. Students will learn strategies for designing, implementing, and evaluating group care programs for infants and toddlers.

ECE 334
Laboratory with Infants and Toddlers 1 Unit
Prerequisite: None
Corequisite: ECE 331; may be taken previously. Grade of “C” or better required to meet corequisite.
Course Transferable to CSU
Hours: 54 hours LAB
This class provides experience working with infants and toddlers in a group care program. It is designed as a practicum/laboratory for those who have completed or are enrolled in ECE 331. This course requires participation in a designated, supervised infant-toddler care setting for three hours per week with infants and/or toddlers. A current, yearly TB test is required prior to starting lab hours.

ECE 350
Introduction to Elementary Teaching with Field Experience 3 Units
Formerly: ECE 10
Prerequisite: None
Advisory: FCS 312 or PSYC 372.
Course Transferable to CSU
Hours: 36 hours LEC; 54 hours LAB
This course is a career exploration course with an early field experience for those students considering the field of K-8 teaching. It includes a supervised field placement and four hours weekly in a local elementary school in addition to weekly class meetings on campus. It will also fulfill one of the early field experiences for the CSUS blended liberal studies major. Course content includes the profession and culture of teaching, observation skills, communication skills, diversity and social issues among others. Students’ field experiences will integrate and apply the course content. Students will also complete a service learning project at participating schools.

ECE 356
Programs for the School-Age Child 3 Units
Formerly: ECE 9
Prerequisite: FCS 312 or PSYC 372. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 54 hours LEC
This program will present the fundamentals of planning, implementing and evaluating programs for before- and after-school care of school-age children (K-6). Course emphasis is on developmental levels, age-appropriate activities and day-to-day program operation. Field trip may be utilized to enhance classroom instruction.

ECE 364
Fundamentals of Movement and Rhythm in Early Childhood Education 2 Units
Formerly: ECE 24
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 Exceptional Child 3 Units
Formerly: ECE 8
Prerequisite: FCS 312 or PSYC 372. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 54 hours LEC
This course will present the characteristics of exceptional children; assessment techniques and curriculum design; community resources and current issues; observation in public and private school classrooms and agencies. Field trips will be used to support classroom instruction.

ECE 402
Infants with Atypical Development 3 Units
Formerly: ECE 6
Prerequisite: FCS 312 or PSYC 372 and ECE 330. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 54 hours LEC
This course will examine the developmental characteristics, assessment techniques, methods of intervention, natural environments, community and family resources, and current issues of the atypical infant from birth through age three. Students will understand and practice the early intervention techniques the very young children with special needs and disabilities require in the developmental areas of sensory stimulation and integration, gross and fine motor control, cognitive, language, social and self-help skills. The course will explore the community services and agencies that offer family support as well as the laws related to the atypical infant/toddler. Career and vocational opportunities in the fields related to special needs infant/toddlers and the various roles of the multi-disciplinary teams that develop the IFSP will be examined.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Formerly/Advisory</th>
<th>Prerequisite</th>
<th>Course Transferable to CSU</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 404</td>
<td>Children with Special Needs</td>
<td>3</td>
<td>ECE 11</td>
<td>FCS 312 or PSYC 372. Grade of “C” or better required to meet prerequisite.</td>
<td>Course Transferable to CSU</td>
<td>54</td>
<td>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.</td>
</tr>
<tr>
<td>ECE 410</td>
<td>Health and Safety in Child Care Settings</td>
<td>1</td>
<td>ECE 13</td>
<td>None</td>
<td>Course Transferable to CSU</td>
<td>18</td>
<td>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.</td>
</tr>
<tr>
<td>ECE 411</td>
<td>Health and Safety in Child Care Settings</td>
<td>.5</td>
<td>ECE 13A</td>
<td>None</td>
<td>Course Transferable to CSU</td>
<td>8</td>
<td>This module covers health and safety issues in child care settings and family day care homes. Course content includes injury prevention, preventative health care practices such as control of infectious diseases, nutrition issues, sanitation, emergency preparedness and evacuation. This course has no renewal requirement.</td>
</tr>
<tr>
<td>ECE 412</td>
<td>Pediatric CPR</td>
<td>.25</td>
<td>ECE 13B</td>
<td>None</td>
<td>Course Transferable to CSU</td>
<td>6</td>
<td>This module covers pediatric cardiopulmonary resuscitation (CPR). Successful students earn certification which must be renewed every year to remain current. This course may be taken four times for credit.</td>
</tr>
<tr>
<td>ECE 413</td>
<td>Pediatric First Aid in Child Care Settings</td>
<td>.25</td>
<td>ECE 13C</td>
<td>None</td>
<td>Course Transferable to CSU</td>
<td>4</td>
<td>This module covers pediatric first aid in child care settings and family day care homes. Successful students earn Pediatric First Aid certification which must be renewed every two years to remain current (effective as of 9/1/99). This course may be taken four times for credit.</td>
</tr>
<tr>
<td>ECE 415</td>
<td>Children’s Health, Safety and Nutrition</td>
<td>3</td>
<td>ECE 14</td>
<td>None</td>
<td>Course Transferable to CSU</td>
<td>54</td>
<td>Basic nutritional, health and safety needs of children from the prenatal period through school age. Identification of nutrients in food as they affect physical and mental development. Emphasis on improving the nutritional status of children. Preparations of visual aids and projects relating to children’s nutrition, health and safety. Not open to students who have received credit for NUTRI 320.</td>
</tr>
<tr>
<td>ECE 420</td>
<td>Administration of Child Development Centers</td>
<td>3</td>
<td>ECE 5</td>
<td>FCS 312 or PSYC 372; ECE 320. Grade of “C” or better required to meet prerequisite.</td>
<td>Course Transferable to CSU</td>
<td>54</td>
<td>This is an introductory course in the elements of program planning, budgeting, supervision and personnel administration for public and private centers and schools serving young children.</td>
</tr>
<tr>
<td>ECE 422</td>
<td>Advanced Coordination and Supervision of Child Development Programs</td>
<td>3</td>
<td>ECE 15</td>
<td>FCS 312 or PSYC 372; ECE 320. Grade of “C” or better required to meet prerequisite.</td>
<td>Course Transferable to CSU</td>
<td>54</td>
<td>This is an advanced course in administration and coordination of multi-faceted Child Development Programs. The emphasis of the course will be on publicly funded programs and personnel management. This course meets the requirements of the Education Code under Title 5, and the Commission of Teacher Credentialing.</td>
</tr>
</tbody>
</table>
ECE 424
Adult Supervision: Mentoring in a Collaborative Learning Setting  2 Units
Formerly: ECE 47
Prerequisite: None
Course Transferable to CSU
Hours: 36 hours LEC
This course is a study of the methods and principles of collaborative learning, with emphasis on supervising adults working in child care centers. Emphasis is placed on the role of a mentor who functions to guide the teaching team while simultaneously addressing the needs of children, parents and their staff. This course satisfies the adult supervision requirement for receiving a supervising teacher permit from the California Commission on Teacher Credentialing.

ECE 430
Culture and Diversity in Early Childhood Education  3 Units
Formerly: ECE 36
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 child-rearing and communication styles as they vary across the diverse cultures such as African American, Latino, Asian American, and others 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. Teaching strategies which prevent and eliminate the development of prejudice and racism in growing children will be covered. Included are strategies for helping children negotiate and resolve conflicts caused by cultural and ability differences.

ECE 494
Topics in Early Childhood Education  .5-4 Units
Formerly: ECE 52
Prerequisite: None
Course Transferable to CSU
Hours: Variable
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
Formerly: ECE 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

ECE 498
Work Experience in Early Childhood Education  1-4 Units
Formerly: ECE 48
Prerequisite: None
Course Transferable to CSU
Hours: Variable
Note: Before beginning lab assignments with children, students must show proof of TB clearance.
See Catalog under Alternative Credit/Study Options

ECE 499
Experimental Offering in Early Childhood Education  .5-4 Units
Formerly: ECE 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
| Certificate/Degree | # of Units | ECE 312 (34) | ECE 314 (35) | ECE 300 (1) | ECE 320 (3) | ECE 321 (4) | ECE 420 (5) | ECE 402 (6) | ECE 330 (7A) | ECE 331 (7B) | ECE 400 (8) | ECE 356 (9) | ECE 404 (11) | ECE 410 (13) | ECE 422 (15) | ECE 304 (19) | ECE 364 (24) | ECE 430 (36) | ECE 440 (38) | ECE 442 (39) | ECE 424 (47) | ECE 498 (48) | Electives or Gen. Ed. Units | Specialization |
|---------------------|------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|---------------|
| ECE, Assistant Teacher | 7 | X | X | | | | | | | | | | X | | | | | | | | | | 1 | | |
| ECE, Associate Teacher | 14 | X | X | X | X | | | | | | | | | | | | | | | | | | | 4 | | |
| ECE, Family Day Care | 15 | X | X | X | | | | | | | | | | | | | | | | | | | | | 4 | | |
| ECE, Infant Specialist | 21 | X or | X | X | X or | | | | | | | X | X | | | | | | | | | | | | | |
| ECE, School-Age Child Care | 20-21 | X or | X | X | X or | X or | | | X | | | | | | | | | | | | | | | 4 * | | |
| ECE, Program Management | 24 | X or | X | X | X or | X | | | | | | | | | | | | | | | | | | | | | |
| Early Intervention Assistant | 27 | X | X | X | X | X or | | | X | X | | | | | | | | | | | | | | | 4 * | | |
| ECE, Teacher (CD Permit) 24 ECE +16 Gen. Ed.=40 | 40 | X | X | X | X | X or | | | X | X | X | X | X | | | | | | | | | | | + 16 Gen. Ed. Units |
| ECE, Master Teacher (CD Permit) 26 ECE + 6 Specialization in ECE + 16 Gen.Ed. =48 | 48 | X | X | X | X | X or | | | X | X | X | X | | | | | | | | | | | | + 6 unit specialization + 16 Gen. Ed. |
| AA Degree in ECE 35 major + Gen Ed=60 | 33 | ECE major | X | X | X | X | X or | | | X | X | | | | | | | | | | | | | | + selected electives (6 units) |
| AA Degree in ECE/Site Supervisor (CD Permit) 32 major+ Gen Ed = 60 | 32 | ECE major | X | X | X | X | X or | | | X | X | | | | | | | | | | | | | | |

* = Work Experience placement related to specific age or group
or = OPTION - See Certificate program description
Economics

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
### Economics (ECON)

**ECON 302**  
**Principles of Macroeconomics**  
Formerly: ECON 1A  
Prerequisite: None  
Course Transferable to UC/CSU  
(CAN ECON 2)  
**Hours: 54 hours LEC**  
This course is a graphical and functional analysis of the economy as a whole. The focus is on the economy’s well-being, problems, and solutions. Major topics include basic principles of economics; basic economic analyses; demand, supply, and equilibrium in a market; macroeconomic sectors, goals, and problems (unemployment, inflation, business cycle, and government budget deficit); the economy's output, income, and price level; aggregate demand, aggregate supply, and equilibrium; and macroeconomic policies (fiscal and monetary). Time permitting, related topics such as international trade, international finance, and economic growth may also be discussed. Course work includes doing arithmetic problems, solving algebraic equations, and graphing straight and curvilinear lines.

**ECON 304**  
**Principles of Microeconomics**  
Formerly: ECON 1B  
Prerequisite: None  
Course Transferable to UC/CSU  
(CAN ECON 4)  
**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**  
Formerly: ECON 14  
Prerequisite: None  
Advisory: BUS 105.  
Course Transferable to CSU  
**Hours: 54 hours LEC**  
This course is designed to assist individuals in analyzing their financial affairs. Elements and conceptual basis of financial planning, analysis, and decision making in areas of budgeting, taxes, borrowing, money management, insurance, investments, and retirement will be examined with an emphasis on principles to develop students’ economic decision making. Students will be using mathematical concepts as well as reading and interpreting written and oral instructions. The course provides a solid base for a career in financial planning services. Not open to students who have completed BUS 320.

**ECON 495**  
**Independent Studies in Economics**  
Formerly: ECON 49I  
Prerequisite: None  
Course Transferable to CSU  
**Hours: Variable**  
See Catalog under Alternative Credit/Study Options

**ECON 499**  
**Experimental Offering in Economics**  
Formerly: ECON 49  
Prerequisite: None  
Course Transferable to UC/CSU; UC - See Counselor  
**Hours: Variable**  
See Catalog under Alternative Credit/Study Options
Education/Teaching

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.

Other CSUS Requirements:
- Foreign Language: Students must complete the intermediate level (3rd semester). For other exemptions, see coordinator or a counselor.
- Grade point average must be 2.67 in transferable baccalaureate courses.
- The Writing Proficiency Exam (WPE) should be taken at CSUS shortly after completing Critical Thinking (ENGWR 302).
- The Intermediate Algebra Diagnostic exam should be taken shortly after completing Intermediate Algebra (MATH 125).
- It is recommended that the CBEST be taken anytime after taking ENGWR 300 (Engl 1A), ENGWR 302 (Engl 1C), and MATH 310 (2).

Students should accumulate a portfolio of their course work, obtain a letter of recommendation from their field experience cooperating teacher, and check with their counselor for other CSUS application and admission requirements.

Other Associate in Arts degree requirements:
- Physical Education - any activity course
- Complete 60 Units
- Students must meet the Reading Competency requirement through either assessment, a class, or a college-level reading examination.

DEGREE: A.A. — Liberal Studies for Elementary Education

REQUIRED PROGRAM ......................................................... Units
ENGWR 300 (Engl 1A) College Composition .......................... 3
COMM 301 (1) Intro to Public Speaking (3) or
COMM 361 (9) The Communication Experience ..................... 3
ENGED 305 (ENGL 2) Structure of English .......................... 3
ENGWR 302 (ENGL 1C) Adv Composition & Critical Thinking .... 3
MATH 310 (2) Mathematical Discovery .............................. 3
BIOL 307 (13) Biology of Organisms ............................... 4
GEOL 305 (8) Earth Science ........................................... 3
GEOL 306 (8L) Earth Science Laboratory ............................ 1
HIST 312 (17) History of U.S. to 1865 .............................. 3
ECON 302 (1A) Principles of Macroeconomics ....................... 3
POLS 301 (1) Intro to Govt: United States ......................... 3
HIST 307 (11) History of World Civiliz from 1500 (3)
and
HUM 310 (2) Modern Humanities (3)
or
HIST 308 (12) History of World Civiliz from 1500 (3)
and
HUM 300 (1) Classical Humanities (3)
and
FCS 312 (34) / PSYC 372 (34) Child Development ............ 3
ENGED 320 (ENGL 10) Tutoring Elem Children in Reading ...... 3
ECE 350 (10) Intro to Elem Teaching with Field Exper .......... 3
SOC 321 (5) Race, Ethnicity & Inequality in the U.S. (3)
or
COMM 325 (14) Intercultural Communication (3)
TOTAL UNITS REQUIRED ............................................ 50
Emergency Medical Technology

CERTIFICATE  Emergency Medical Technician

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
Formerly: EMT 50
Prerequisite: HEED 314 (or HEED 313 and HEED 312) and HEED 320, or equivalent certification. Grades of “C” or better 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. This course may be taken four times for credit.

EMT 102
Emergency Medical Technician - Basic Refresher 1 Unit
Formerly: EMT 51
Prerequisite: EMT 100 or current/prior certification as an EMT-I. 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
Formerly: EMT 99
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options
Engineering

DEGREE  A.S. — Engineering

Folsom Lake College's program provides the foundation in mathematics, physics, and engineering necessary to transfer to a university and complete a bachelor's degree in engineering.

Engineering involves the application of scientific and mathematical principles needed to solve practical technical problems. Although the first two years of engineering courses for all engineering degrees are similar, students should consult the lower division requirements of the institution to which they wish to transfer.

Career Options
Aerospace Engineer; Architectural Engineer; Chemical Engineer; Civil Engineer; Computer Engineer; Electrical Engineer; Mechanical Engineer

Most career options require a B.S. degree.

Highlights
Challenging and rewarding classes that transfer to four-year universities
A Mathematics, Engineering and Science Achievement (MESA) program

Engineering (ENGR)

ENGR 300
Introduction to Engineering
1 Unit
Formerly: ENGR 2
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
Formerly: ENGR 14
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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Formerly</th>
<th>Prerequisite</th>
<th>Transferable</th>
<th>Hours</th>
<th>See Catalog</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 495</td>
<td>Independent Studies in Engineering</td>
<td>1-3</td>
<td>ENGR 49I</td>
<td>None</td>
<td>CSU</td>
<td>Variable</td>
<td>Alternative Credit/Study</td>
</tr>
<tr>
<td>ENGR 499</td>
<td>Experimental Offering in Engineering</td>
<td>.5-4</td>
<td>ENGR 49</td>
<td>None</td>
<td>UC/CSU; UC-See Counselor</td>
<td>Variable</td>
<td>Alternative Credit/Study</td>
</tr>
</tbody>
</table>
English

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-eleven (18) units:
ENGWR 300 (ENGL 1A) College Composition ......................... 3
ENGWR 301 (ENGL 1B) College Composition & Literature or
ENGWR 302 (ENGL 1C) Adv Comp & Critical Thinking .......... 3
ENGLT 320 (ENGL 30) American Literature ........................... 3
ENGLT 321 (ENGL 31) American Literature ........................... 3
ENGLT 310 (ENGL 35) English Literature .............................. 3
ENGLT 311 (ENGL 36) English Literature .............................. 3

Electives - Six (6) units selected from the following: ................. 6
ENGED 305 (ENGL 2) Structure of English (3)
ENGED 320 (ENGL 10) Tutor Elem Students in Reading (3)
ENGCW 400 (ENGL 15) Creative Writing (3)
ENGCW 410 (ENGL 15A) Fiction Writing Workshop (3)
ENGCW 420 (ENGL 15B) Poetry Writing Workshop (3)
ENGCW 430 (ENGL 15C) Creative Non-Fiction Writing Workshop (3)
ENGLT 345 (ENGL 26) Mythologies of the World (3)
ENGLT 360 (ENGL 27) Women in Literature (3)
EENGLT 370 (ENGL 39) Children and Literature (3)
ENGLT 303 (ENGL 42) Introduction to the Short Story (3)
ENGLT 402 (ENGL 47A) Intro to Shakespeare and Film (3)
TOTAL UNITS REQUIRED .............................................................. 24

Associate in Arts Degree: This A.A. degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.
# English - Writing (ENGWR)

**ENGWR 41**  
**Writing Skills**  
4 Units  
Formerly: ENGL 255  
**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  
Formerly: ENGL 201  
**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  
Formerly: ENGL 203  
**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  
Formerly: ENGL 202  
**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  
Formerly: ENGL 256  
**Prerequisite:** ENGWR 41 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 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  
Formerly: ENGL 57  
**Prerequisite:** Placement through the assessment process or completion of ENGWR 51 or ESLW 320. 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  
Formerly: ENGL 60  
**Prerequisite:** Placement through the assessment process or completion of ENGWR 51 or ESLW 320. Grade of “C” or better required to meet prerequisite.  
**Hours:** 54 hours LEC  
The course provides instruction in analyzing and writing technical communication and reports, the techniques of which can be used for career and/or college work. Grammar instruction will be directed to help the student write concise and direct sentences, the type needed for technical communication. The course is designed to meet the writing competency requirement for graduation or to prepare students for ENGWR 300. This course may be taken two times for credit with the recommendation of the instructor.
ENGWR 124
Writing for the Corrections Officer 3 Units
Formerly: ENGL 59
Prerequisite: ENGWR 51, or ESLW 320, or equivalent skills demonstrated through the assessment process. Grade of “C” or better required to meet prerequisite.
Advisory: ESLR 320 is advised for students who meet the prerequisite with ESLW 320.
Hours: 54 hours LEC
This is an introductory course emphasizing the practical aspects of gathering, organizing and preparing written reports for correctional activities on local, state, and federal levels. It will cover the techniques of communicating facts, information, and ideas effectively in a simple, clear, and logical manner for various types of criminal justice system reports, letters, memoranda, directives, and administrative reports. Students will gain practical experience in note taking, report writing, and presenting testimony in court. The course is designed to meet the writing proficiency requirement for graduation and to prepare students for ENGWR 300. This course may be taken two times for credit with the recommendation of the instructor.

ENGWR 299
Experimental Offerings in English - Writing .5-4 Units
Formerly: ENGL 99
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Option

ENGWR 300
College Composition 3 Units
Formerly: ENGL 1A
Prerequisite: ENGWR 101 or equivalent skills demonstrated through the assessment process. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
(CAN ENGL 2) (WITH ENGWR 301 = CAN ENGL SEQ A)
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
Formerly: ENGL 1B
Prerequisite: ENGWR 300. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
(CAN ENGL 4) (WITH ENGWR 302 = CAN ENGL SEQ A)
Hours: 54 hours LEC
Introduction to literature and writing about literature through the development of essays based upon the assigned readings.

ENGWR 302
Advanced Composition and Critical Thinking 3 Units
Formerly: ENGL 1C
Prerequisite: ENGWR 300. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 54 hours LEC
This course is designed for students who have had ENGWR 300 and who desire further instruction in the techniques of effective critical thinking as expressed in written argument and in the major principles of advanced composition and rhetoric.

ENGWR 330
Writing for Publication 3 Units
Formerly: ENGL 14A
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
Formerly: ENGL 14B
Prerequisite: ENGWR 300. Grade of “C” or better required to meet prerequisite.
Advisory: ENGWR 330.
Course Transferable to CSU
(ENGWR 330, 331 and ENGCW 400)
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 495
Independent Studies in English 1-3 Units
Formerly: ENGL 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

ENGWR 499
Experimental Offering in English - Writing .5-4 Units
Formerly: ENGL 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
ENGRD 13
Reading Center: Basic Reading Skills .5-3 Units
Formerly: ENGL 268
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
Formerly: ENGL 269
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 twice 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
Formerly: ENGL 270
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
Formerly: ENGL 271
Prerequisite: ENGRD 15 or equivalent skills demonstrated through the assessment process. Grade of “C” or better required to meet prerequisite.
Advisory: Concurrent enrollment in ENGWR 51 and ENGLB 70.
Hours: 54 hours LEC
This reading course is designed to help students prepare for college level reading by refining vocabulary, literal and inferential comprehension skills, textbook reading techniques, and study skills and by reading for pleasure. Efficiency is gained by learning to vary rate and comprehension depending upon purposes for reading. This course may be taken two times for credit with the recommendation of the instructor. Students are encouraged to enroll in ENGLB 70 for access to individualized help in the Reading and Writing Center.

ENGRD 112
Critical Reading 3 Units
Formerly: ENGL 72
Prerequisite: ENGRD 16, or ESLR 320, or equivalent skills demonstrated through the assessment process. Grade of “C” or better required to meet prerequisite.
Advisory: ENGWR 51 or ESLW 320 and ENGLB 70.
Hours: 54 hours LEC
This course covers theory and practice of reading skills needed for proficient academic performances with emphasis on the following: 1) critical and analytical evaluation of printed material, 2) vocabulary development, 3) proficient comprehension skills, 4) development of flexible reading rate, 5) application in textbook, fiction, and nonfiction reading. It may be taken two times for credit with the recommendation of instructor. This course meets the Reading Competency requirement for the A.A. and A.S. degrees. Students are encouraged to enroll in ENGLB 70 for access to individualized help in the Reading and Writing Center.

ENGRD 299
Experimental Offering in English - Reading .5-4 Units
Formerly: ENGL 99
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options
ENGLT 303
Introduction to the Short Story 3 Units
Formerly: ENGL 42
Prerequisite: Eligibility for ENGWR 300.
Course Transferable to UC/CSU
Hours: 54 hours LEC
Students will read, analyze, and discuss short stories by a wide variety of writers. Reading will emphasize American and British writers but will include authors from other countries as well. Thematic emphasis will focus on the connections between literature and the human condition.

ENGLT 309
Book Length Literature for Group Discussion 1 Unit
Formerly: ENGL 12
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
Formerly: ENGL 35
Prerequisite: Eligibility for ENGWR 300.
Course Transferable to UC/CSU
(CAN ENGL 8) (WITH ENGLT 311, CAN ENGL SEQ B)
Hours: 54 hours LEC
Study of significant works of major English authors from Beowulf through Samuel Johnson, with consideration of the most important aspects of English literary history.

ENGLT 311
English Literature 3 Units
Formerly: ENGL 36
Prerequisite: Eligibility for ENGWR 300.
Course Transferable to UC/CSU
(CAN ENGL 10) (WITH ENGLT 310, CAN ENGL SEQ B)
Hours: 54 hours LEC
Survey of significant works of major English authors from the beginning of Romanticism in the Eighteenth Century to the poetry of Dylan Thomas in the Twentieth Century, with consideration of the important aspects of English literary history.

ENGLT 320
American Literature 3 Units
Formerly: ENGL 30
Prerequisite: Eligibility for ENGWR 300.
Course Transferable to UC/CSU
(CAN ENGL 14) (WITH ENGLT 321, CAN ENGL SEQ C)
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
Formerly: ENGL 31
Prerequisite: Eligibility for ENGWR 300.
Course Transferable to UC/CSU
(CAN ENGL 16) (WITH ENGLT 320, CAN ENGL SEQ C)
Hours: 54 hours LEC
Students will survey the representative works in American Literature after the Civil War.

ENGLT 340
World Literature 3 Units
Formerly: ENGL 33
Prerequisite: Eligibility for ENGWR 300.
Course Transferable to UC/CSU
Hours: 54 hours LEC
This course will acquaint students with a diverse range of literature from the Ancient World through the Renaissance. Students will identify the commonalities and differences in the myths, epic poetry, philosophy, sacred texts, lyric poetry, prose, and drama of early Middle Eastern, Asian, African, South American, European, and North American literatures. Moreover, students will analyze issues of ethnicity, ethnocentrism, racism, ageism, classism, gender inequity, and religious difference in this literature as a means of developing a common foundation for cultural awareness and tolerance. From this process, students will develop an appreciation for world literature and an understanding of how ethnocentrism, ethnicity, sexism, and racism have affected our institutions, attitudes, and thoughts.

ENGLT 341
World Literature 3 Units
Formerly: ENGL 34
Prerequisite: Eligibility for ENGWR 300.
Course Transferable to UC/CSU
Hours: 54 hours LEC
Survey of significant masterpieces of Eighteenth, Nineteenth, and Twentieth Century literature.
ENGLT 345
Mythologies of the World  3 Units
Formerly: ENGL 26
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
Formerly: ENGL 27
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
Formerly: ENGL 39
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 402
Introduction to Shakespeare and Film  3 Units
Formerly: ENGL 47A
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
Formerly: ENGL 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

ENGLT 499
Experimental Offering in English - Literature  .5-4 Units
Formerly: ENGL 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options

English - Creative Writing (ENGCW)

ENGCW 400
Creative Writing  3 Units
Formerly: ENGL 15
Prerequisite: Eligibility for ENGWR 300.
Course Transferable to UC/CSU; UC - See Counselor (CAN ENGL 6)
Hours: 54 hours LEC
This course is designed to guide students in creative writing through experience in three genres: short story, poetry, and plays. The course includes analysis of literary models (professional writings in each genre), individual and class criticism of work in a workshop mode, and lecture on and discussion of literary techniques in each genre. This course may be taken two times for credit or once in combination with ENGCW 410 and/or 420.
ENGCW 410  
**Fiction Writing Workshop**  3 Units  
Formerly: ENGL 15A  
Prerequisite: Eligibility for ENGWR 300.  
Course Transferable to UC/CSU; UC-See Counselor  
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  
Formerly: ENGL 15B  
Prerequisite: Eligibility for ENGWR 300.  
Course Transferable to UC/CSU; UC - See Counselor  
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  
Formerly: ENGL 15C  
Prerequisite: Eligibility for ENGWR 300.  
Course Transferable to UC/CSU; UC - See Counselor  
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  
Formerly: ENGL 17C  
Prerequisite: None  
Advisory: Eligibility for ENGWR 300.  
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. Access is provided to computers, laser printers, and other journalism equipment. A campus literary reading will be presented. This course may be taken two times for credit.

ENGCW 495  
**Independent Studies in English - Creative Writing**  1-3 Units  
Formerly: ENGCW 49I  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

ENGCW 499  
**Experimental Offering in English - Creative Writing**  .5-4 Units  
Formerly: ENGCW 49  
Prerequisite: None  
Course Transferable to UC/CSU; UC - See Counselor  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

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**English - Education (ENGED)**

ENGED 305  
**Structure of English**  3 Units  
Formerly: ENGL 2  
Prerequisite: ENGWR 300. Grade of “C” or better required to meet prerequisite.  
Course Transferable to CSU  
Hours: 54 hours LEC  
Designed for prospective teachers or those entering professions requiring strong written language skills, this course affords students the opportunity to study the history of English, traditional and transformational grammars, linguistics, standard usage, phonology, and orthography. Students will examine the development and structure of the English language, language acquisition, and the cultural and linguistic diversity represented by the students in the California public school system. They will also apply grammatical concepts as they meet the 2,000 word writing requirement.

ENGED 320  
**Service Learning:**  
**Tutoring Elementary Students in Reading**  3 Units  
Formerly: ENGL 10  
Prerequisite: None  
Course Transferable to CSU  
Hours: 36 hours LEC ; 54 hours LAB  
This class offers students an opportunity to learn and practice basic methods of tutoring elementary children in reading. Students will meet on campus for the first part of the semester to be trained, and then will be assigned to a nearby elementary school where they will have in-depth practice tutoring elementary children who are reading below grade level. This course, which may be offered in conjunction with a non-profit organization such as SMART Kids, is one of the two required field experience courses for the CSUS Blended Teacher Preparation Program and may be taken two times for credit. Prior to beginning work in the schools, students may be required to be fingerprinted and pass a TB test.
ENGED 495
Independent Studies in English - Education  
1-3 Unit
Formerly: ENGL 49I  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

ENGED 499
Experimental Offering in English - Education  
.5-4 Units
Formerly: ENGL 49  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

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English - Laboratory (ENGLB)

ENGLB 70
Reading and Writing Laboratory  
.5-1 Units
Formerly: ENGL 252  
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 299
Experimental Offering in English - Laboratory  
.5-4 Units
Formerly: ENGL 99  
Prerequisite: None  
Hours: Variable  
See Catalog under Alternative Credit/Study Options
English as a Second Language

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 Unit
Formerly: ESL 252
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 9 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 (6) units. This course is graded on a credit no credit basis.

ESL 299
Experimental Offering in English as a Second Language .5-4 Units
Formerly: ESL 99
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

ESL - Grammar (ESLG)

ESLG 57
Intermediate-Mid English Grammar 3 Units
Formerly: ESL 280G
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
Formerly: ESL 288V
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
Formerly: ESL 99
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

ESLL - Listening (ESLL)

ESLL 20
Novice Listening and Speaking 4 Units
Formerly: ESL 200L
Prerequisite: None
Hours: 54 hours LEC ; 54 hours LAB
This course will provide an introduction to English at the Novice level. It is characterized by an emerging ability to understand and produce appropriate responses in high-frequency situations utilizing learned materials, standardized messages, phrases and expressions including certain content required for basic communication, such as dates, time, weather, food, family etc. Students will learn all the sounds of English and be introduced to the 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
Formerly: ESL 260L
Prerequisite: Completion of ESLL 20 with a grade of “C” or better, or placement through the assessment process.
Hours: 54 hours LEC ; 54 hours LAB
This is a course in listening comprehension and speaking at the novice-high level characterized by common contexts, and high frequency vocabulary and expressions. Students will recognize and produce sounds and patterns in American English, and will understand and be understood by sympathetic listeners and speakers. This course may be taken two times for credit.

ESLL 40
Intermediate-Low Listening and Speaking 4 Units
Formerly: ESL 270L
Prerequisite: Completion of ESLL 30 with a grade of “C” or better, or placement through the assessment process.
Hours: 54 hours LEC ; 54 hours LAB
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 use the sounds of American English, stress, rhythm, and intonation patterns. This course may be taken two times for credit.

ESLL 50
Intermediate-Mid Listening and Speaking 4 Units
Formerly: ESL 280L
Prerequisite: Completion of ESLL 40 with a grade of “C” or better or placement through the assessment process.
Hours: 54 hours LEC ; 54 hours LAB
This is a course to help students 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 two times for credit.

ESLL 299
Experimental Offering in English as a Second Language - Listening .5-4 Units
Formerly: ESL 99
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

ESLL 310
Intermediate-High Listening and Speaking 4 Units
Formerly: ESL 1L
Prerequisite: Completion of ESLL 50 with a grade of “C” or better, or placement through the assessment process.
Course Transferable to CSU
Hours: 54 hours LEC ; 54 hours LAB
This course focuses on pronunciation skills within the context of meaningful communication in an academic and employment setting. The emphasis is on understanding and producing stress, rhythm and intonation patterns of English so meaning will not be distorted.

ESL - Pronunciation (ESLP)

ESLP 85
Pronunciation 2 Units
Formerly: ESL 288P
Prerequisite: Eligibility is determined by the assessment process, or completion of ESLL 40 with a grade of “C” or better.
Hours: 36 hours LEC
This elective course is designed for students who need to improve their pronunciation. It offers intensive practice in the pronunciation and recognition of American English sounds. Students will be introduced to intonation patterns of English, syllables, and stress. This course may be taken two times for credit.
ESL - Reading (ESLR)

ESLR 20
Novice Reading              4 Units
Formerly: ESL 200R
Prerequisite: None
Hours: 54 hours LEC ; 54 hours LAB
This course will provide an introduction to English at the Novice level, which is characterized by an emerging ability to read and write words, phrases and sentences common in high-frequency situations utilizing learned materials, standardized messages, phrases and expressions including basic words, phrases, and sentences introduced in the Listening and Speaking core text. In addition, students will learn basic rules, phonetics and basic grammar necessary to read and write comprehensibly.

ESLR 30
Novice-High Reading         4 Units
Formerly: ESL 260R
Prerequisite: Completion of ESLR 20 with a grade of “C” or better, or placement through the assessment process.
Hours: 54 hours LEC ; 54 hours LAB
This course focuses on reading words, phrases, and sentences in short texts. Students will learn more core vocabulary, literal comprehension, and grammar necessary to understand short readings.

ESLR 40
Intermediate-Low Reading    4 Units
Formerly: ESL 270R
Prerequisite: Completion of ESLR 30 with a grade of “C” or better, or placement through the assessment process.
Hours: 54 hours LEC ; 54 hours LAB
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
Formerly: ESL 280R
Prerequisite: Completion of ESLR 40 with a grade of “C” or better, or placement through the assessment process.
Hours: 54 hours LEC ; 54 hours LAB
This course focuses on the introduction of academic reading skills, with an emphasis on vocabulary development, literal comprehension, and dictionary skills. Students will practice critical thinking skills to understand, analyze, discuss, and write responses to ideas expressed in readings.

ESL - Writing (ESLW)

ESLR 310
Intermediate-High Reading   4 Units
Formerly: ESL 1R
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 in expository writing and fiction; and introduces students to library use. Students will use critical thinking skills to understand, paraphrase, outline, summarize, and respond to ideas expressed in reading, both orally or in writing.

ESLR 499
Experimental Offering in English as a Second Language - Reading .5-4 Units
Formerly: ESL 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

ESLW 20
Novice Writing              4 Units
Formerly: ESL 200W
Prerequisite: None
Hours: 54 hours LEC ; 54 hours LAB
This course is for students with little experience in English. It is an introduction to writing English. Students will learn to spell through phonetics and sight words, phrases, parts of speech and the elements of basic sentences. They will learn to write both yes and no questions, and why and how questions. Finally, they will be able to write about common topics introduced in all beginning language courses. This course is for non-native speakers of English who plan to take college courses.

ESLW 30
Novice-High Writing         4 Units
Formerly: ESL 260W
Prerequisite: Completion of ESLW 20 with a grade of “C” or better or placement through the assessment process.
Hours: 54 hours LEC ; 54 hours LAB
In this course students will learn simple sentences and paragraph structures. This course is an introduction to writing in English for non-native speakers who plan to take college courses.
ESLW 40
Intermediate-Low Writing  4 Units
Formerly: ESL 270W
Prerequisite: Completion of ESL 30 with a grade of “C” or better, or placement through the assessment process.
Hours: 54 hours LEC; 54 hours LAB
In this course students will learn to write focused paragraphs with a clear beginning, middle and end. They will learn to use critical thinking skills and correct grammar in their writing.

ESLW 50
Intermediate-Mid Writing  4 Units
Formerly: ESL 280W
Prerequisite: Completion of ESLW 40 with a grade of “C” or better or placement through the assessment process.
Hours: 54 hours LEC; 54 hours LAB
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
Formerly: ESL 288F
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
Formerly: ESL 288S
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
Formerly: ESL 1W
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 499
Experimental Offering in English as a Second Language - Writing .5-4 Units
Formerly: ESL 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
Environmental Technology

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 Technology (ENVT)

ENVT 304
Environmental Biology
3 Units
Formerly: ENVT 4
Prerequisite: None
Course Transferable to UC/CSU
Hours: 54 hours LEC
This course presents an overview of ecosystems and natural resources. Major topics covered include ecological principles, ecosystem functioning, conservation biology, resource use and management, pollution and other human-caused environmental impacts. This course provides the background needed to understand major global and regional issues such as acid rain, global warming, hazardous waste disposal, deforestation and endangered species recovery. ENVT 304 is especially useful for Environmental Technology, Environmental Sciences, Ecology, Recreation, Education and Political Science majors. Field trips, attendance at public meetings and/or a semester project may be required. Not open to students who have received credit for BIOL 350.

ENVT 350
Water Resources
4 Units
Formerly: ENVT 25
Prerequisite: None
Course Transferable to CSU
Hours: 54 hours LEC; 54 hours LAB
This course provides an overview of water resources including aspects of the chemistry, geography, and biology of aquatic systems. Water laws and the ecotoxicology of water resources will also be discussed. Students will learn to use basic sampling and analysis methods to assess water resources. Students will be expected to conduct lab work, some of which may be outdoors. The class is useful for students interested in Environmental Science, Environmental Technology, Geography, Natural Resource Management, and Biology. This class is not intended for students training as water treatment plant operators.
ENVT 350.1  
**Fundamentals of Water Resources**  
1 Unit  
Formerly: ENVT 25A  
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 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  
Formerly: ENVT 25B  
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  
Formerly: ENVT 25C  
Prerequisite: None  
Advisory: ENVT 350.1.  
Course Transferable to CSU  
Hours: 18 hours LEC ; 27 hours LAB  
This course provides an overview of surface water resources including lakes, streams, and wetlands. The general characteristics of these ecosystems will be discussed with an emphasis on the biology of these systems. Students will learn to use basic sampling and analysis methods used to assess freshwater systems. The ecotoxicology and clean up of contaminated surface water will be discussed. Students will be expected to conduct lab work, some of which may be outdoors. The class is useful for students interested in Environmental Science, Environmental Technology, Geography, Natural Resource Management, and Biology. A basic knowledge of water resources is assumed before beginning the course. The class is not intended for students training as water treatment plant operators.

ENVT 352  
**Water Resource Management**  
1.5 Units  
Formerly: ENVT 26  
Prerequisite: None  
Advisory: ENVT 350.1.  
Course Transferable to CSU  
Hours: 18 hours LEC ; 27 hours LAB  
This course provides an overview of managing potable and waste water supply with respect to use. Topics include water resource demand, the soil/water relationship and water quality. Water treatment laws and regulation will also be discussed. Students learn the basic sampling and analysis methods to assess quality and application issues. Students are expected to conduct lab work, some of which will be outdoors. This class is useful for students interested in Environmental Science or Technology, Natural Resource Management and Biology. This class is not intended for students training as water treatment plant operators.

ENVT 495  
**Independent Studies in Environmental Technology**  
1-3 Units  
Formerly: ENVT 49I  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

ENVT 498  
**Work Experience in Environmental Technology**  
1-4 Units  
Formerly: ENVT 48  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

ENVT 499  
**Experimental Offering in Environmental Technology**  
.5-4 Units  
Formerly: ENVT 49  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options
Family & Consumer Science

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 & Consumer Science (FCS)

FCS 312
Child Development 3 Units
Formerly: FCS 34
Prerequisite: None
Advisory: ENGW 101 or 103, or ESL 320, ESLR 320, and ESLW 320.
Course Transferable to UC/CSU; UC-See Counselor
(CAN FCS 14)
Hours: 54 hours LEC
This course is a study of the physical, cognitive, social and emotional development of the child from the prenatal period through adolescence. In the foundation course, students will examine children as individuals and the environmental influences that impact their growth and development.

FCS 314
The Family and The Community 3 Units
Formerly: FCS 35
Prerequisite: None
Advisory: ENGW 101 or 103, or ESL 320, ESLR 320, and ESLW 320.
Course Transferable to UC/CSU
Hours: 54 hours LEC
This is a fundamental course that examines the child in the family and the environmental influences on his/her growth and development; including gender, media, sexual orientation, social class/ethnic groups, special needs and their relationship to family behavior. Community resources available to support family systems and dynamics will be examined.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisite</th>
<th>Transferable</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCS 322</td>
<td>Family Development</td>
<td>3</td>
<td>None</td>
<td>Transferable</td>
<td>54</td>
<td>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.</td>
</tr>
<tr>
<td>FCS 324</td>
<td>Human Development: A Life Span</td>
<td>3</td>
<td>None</td>
<td>Transferable</td>
<td>54</td>
<td>This course will provide an overview of the physical, cognitive, social, and emotional development from conception through the life span. The emphasis will be on the practical application of developmental principles. The course is designed as a foundation course of careers in educational, social, psychological, and medical fields. An optional field study unit may be offered to provide opportunities for observation and experience with various age groups.</td>
</tr>
<tr>
<td>FCS 494</td>
<td>Topics in Family and Consumer Science</td>
<td>.5-4</td>
<td>None</td>
<td>Transferable</td>
<td>Variable</td>
<td>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.</td>
</tr>
<tr>
<td>FCS 495</td>
<td>Independent Studies in Family and Consumer Science</td>
<td>1-3</td>
<td>None</td>
<td>Transferable</td>
<td>Variable</td>
<td>See Catalog under Alternative Credit/Study Options</td>
</tr>
<tr>
<td>FCS 499</td>
<td>Experimental Offering in Family and Consumer Science</td>
<td>.5-4</td>
<td>None</td>
<td>Transferable</td>
<td>Variable</td>
<td>See Catalog under Alternative Credit/Study Options</td>
</tr>
</tbody>
</table>
Film and Media Studies

Folsom Lake College offers an innovative and unique program in Film and Media Studies leading to the Associate of Arts degree. The major is designed to develop film production, screenwriting, and critical thinking skills while fostering a humanistic and social scientific understanding of the media. Students combine hands-on courses in scriptwriting, animation, video and film-making with critical studies of the visual media as an art form and social force. This major is particularly encouraged for students who intend to transfer to university film and media programs or pursue careers that demand a high level of visual literacy, analytic and writing skills.

Career Options
Director, Entertainment Writer or Editor, Producer, Screenwriter, Script Supervisor, Story Editor

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
State-of-the-art 20-station computer lab for graphics and non-linear editing, including Photoshop, Illustrator, After Effects and Media 100
Hand-on courses in film and video production and editing
Screening room with rear screen projector and advanced sound system

Film and Media Studies (FMS)

FMS 300
Introduction to Film Studies 3 Units
Formerly: FMS 10
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
Formerly: FMS 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

FMS 499
Experimental Offering in Film and Media Studies .5-4 Units
Formerly: FMS 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
Fire Technology

The fire service is one of the most dynamic employers in the country. The courses at Folsom Lake College complement the Cosumnes River College program which is 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 498
Work Experience in Fire Technology 1-4 Units
Formerly: FT 98
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
French

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
- Law Enforcement/Correctional Officer
- 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
- Oral Proficiency Certification in Spanish
- Native speaker faculty
- French Club

French (FREN)

FREN 101
Conversational French, Elementary 3 Units
Formerly: FREN 50A
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.

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.
FREN 102  
Conversational French, Elementary  
3 Units

Formerly: FREN 50B
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 FREN 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 FREN 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 311  
Conversational French, Intermediate  
2 Units

Formerly: FREN 42A
Prerequisite: FREN 102. Grade of “C” or better required to meet prerequisite.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB
This course provides refinement of skills attained in FREN 102. Students will work toward the ability to create with the language without relying on learned responses, to understand main ideas in routine speech and to understand main ideas in written texts. Listening and reading comprehension continue to develop; speaking and writing will be comprehensible to a somewhat sympathetic native speaker. Students will develop the ability to handle complicated situations using past and future time frames. Written expression will meet limited personal needs in culturally appropriate language at a fairly high level of accuracy, higher than found in FREN 402. Students will continue acquisition of knowledge of geography, culture and people of regions where French is spoken and of French-speakers’ contributions to North American and world cultures.

FREN 312  
Conversational French, Intermediate  
2 Units

Formerly: FREN 42B
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 FREN 311 or four years of high school French. It provides continued development of skills attained in FREN 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.

FREN 401  
Elementary French  
4 Units

Formerly: FREN 1A
Prerequisite: None

Course Transferable to UC/CSU

(CAN FREN 2) (WITH FREN 402, CAN FREN SEQ A)

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  
Formerly: FREN 1B  
Prerequisite: French 401. Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU  
(CAN FREN 4) (WITH FREN 401, CAN FREN SEQ A)  
Hours: 54 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 FREN 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 FREN 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  
Formerly: FREN 2A  
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 FREN 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 FREN 402. Students will continue acquisition of knowledge of geography, culture and people of regions where French is spoken and of French-speakers’ contributions to North American and world cultures.

FREN 412  
Intermediate French  4 Units  
Formerly: FREN 2B  
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 FREN 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  
Formerly: FREN 49I  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options  

FREN 499  
Experimental Offering in French  .5-4 Units  
Formerly: FREN 49  
Prerequisite: None  
Course Transferable to UC/CSU; UC - See Counselor  
Hours: Variable  
See Catalog under Alternative Credit/Study Options
DEGREE
A.A.—General Education Transfer

Folsom Lake College’s general education degree is designed to provide students with a program of solid preparation emphasizing university studies. This program is aligned with the CSU General Education Breadth Requirements or the Intersegmental General Education Transfer Curriculum (IGETC) offering students a wide variety of transfer courses from which to choose. It is important to emphasize, however, that transferability is a matter determined by receiving institutions and that catalog rights may also affect transferability. University programs have varying lower division requirements, and these may also affect selection of courses. Therefore, any student interested in this degree is strongly advised to meet with a Counselor prior to enrolling in classes.

Required Program:
Complete one of the following options:

Option A:
CSU General Education Breadth (39 units)

Option B:
Intersegmental General Education Transfer Curriculum IGETC - 34 units)

Option C: Campus specific lower division general education pattern. (18 units)
Minimum 18 units selected from the UC Transfer Course Agreement in any of the following categories:
- English
- Mathematics
- Humanities
- Behavioral and Social Sciences
- Biological and Physical Sciences

See a counselor for course requirements for a specific transfer campus.

All degree options require completion of the FLC graduation requirements.
Geography

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
Formerly: GEOG 1
Prerequisite: None
Advisory: Concurrent enrollment in GEOG 301.
Course Transferable to UC/CSU
(CAN GEOG 2)
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
Formerly: GEOG 11
Prerequisite: None
Advisory: GEOG 300 (may be taken concurrently).
Course Transferable to UC/CSU
Hours: 54 hours LAB
This course provides “hands-on” study of the basic principles and concepts involved in understanding Earth’s physical environment. Lab topics include observation, measurement and analysis of Earth’s energy balance, weather and climate, vegetation, landforms, and natural hazards, as well as topographic map reading, interpretation, and navigation skills.

GEOG 306
Weather and Climate 3 Units
Formerly: GEOG 6
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
Formerly: GEOG 2
Prerequisite: None
Course Transferable to UC/CSU
(CAN GEOG 4)
Hours: 54 hours LEC
This course investigates the diverse patterns of human settlement, development, and movement on earth, which evolved as a result of cultural and environmental factors. Emphasis is placed on understanding global population and migration patterns, language, religion, ethnicity, political and economic systems, development issues, agriculture and urbanization.

GEOG 390
Field Studies In Geography .5-4 Units
Formerly: GEOG 24
Prerequisite: None
Course Transferable to CSU
Hours: Variable
This course covers the study of geographic principles and processes in specific environments (mountain, desert, 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
Formerly: GEOG 491
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

GEOG 499
Experimental Offering in Geography .5-4 Units
Formerly: GEOG 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
Geology

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

DEGREE A.S.—Geology

This degree is designed to meet common lower division requirements for a major in geology.

REQUIRED PROGRAM .......................................................... Units
CHEM 400 (1A) General Chemistry ........................................... 5
CHEM 401 (1B) General Chemistry ........................................... 5
GEOL 300 (1) Physical Geology .............................................. 3
GEOL 301 (2) Physical Geology Laboratory .............................. 1
GEOL 310 (3) Historical Geology ............................................ 3
GEOL 311 (4) Historical Geology Laboratory ........................... 1
MATH 400 (9A) Analytic Geometry and Calculus I .................... 5
MATH 401 (9B) Analytic Geometry and Calculus II .................... 5

TOTAL UNITS REQUIRED .................................................. 28

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

**GEOL 300**
Physical Geology 3 Units
Formerly: GEOL 1
Prerequisite: None
Advisory: Concurrent enrollment in GEOL 301.
Course Transferable to UC/CSU
(Together with GEOL 301, CAN GEOL 2)
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
Formerly: GEOL 2
Prerequisite: None
Corequisite: GEOL 300 (may be taken previously). Grade of “C” or better required to meet corequisite.
Course Transferable to UC/CSU
(Together with GEOL 300, CAN GEOL 2)
Hours: 54 hours LAB

This course provides “hands-on” experience with the tools and skills discussed in Physical Geology (GEOL 300). Lab topics include mineral and rock identification, map and air photograph interpretation and landform identification, and introduction to the study of geologic maps and cross-sections.

**GEOL 305**
Earth Science 3 Units
Formerly: GEOL 8
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
Hours: 54 hours LEC

This course is an introductory course covering major topics in geology, oceanography, meteorology, astronomy, scientific method, and philosophy of science. This course is designed for non-science majors.

**GEOL 306**
Earth Science Laboratory 1 Unit
Formerly: GEOL 8L
Prerequisite: None
Corequisite: GEOL 305. Grade of “C” or better required to meet corequisite.
Course Transferable to UC/CSU; UC - See Counselor
Hours: 54 hours LAB

This course emphasizes scientific methods and systematic laboratory procedures. Topics include weather analysis, rock and mineral identification, study of geologic concepts by means of topographic maps, and exercises in astronomy and oceanography. One field trip is required.

**GEOL 310**
Historical Geology 3 Units
Formerly: GEOL 3
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
Formerly: GEOL 4
Prerequisite: None
Corequisite: GEOL 310 (may be taken previously). Grade of “C” or better required to meet corequisite.
Advisory: GEOL 300.
Course Transferable to UC/CSU
Hours: 54 hours LAB

Laboratory studies will accompany and complement GEOL 310, Historical Geology. Use of sedimentary rocks, fossils, geologic maps, and cross sections will aid in interpreting ancient environments, tectonic settings, and geologic history. Other concepts addressed include age relations and correlation of rock and time units, and introduction to fossil identification and biostratigraphy. At least one field trip or an appropriate alternative activity will be required as an introduction to sedimentary environments and field methods in geology.

**GEOL 330**
Introduction to Oceanography 3 Units
Formerly: GEOL 5
Prerequisite: None
Course Transferable to UC/CSU
Hours: 54 hours LEC

The course will provide an introduction to the basic principles and practices of oceanography. Topics will be presented in terms of the applications of physics, geology, chemistry, and biology to a study of the world’s oceans. Specific topics will include planetary science and earth origin, the geologic timescale, geography and location systems, matter, marine provinces, sediments, seismology, plate tectonics, seawater composition, geochemical distributions, deep ocean circulations, winds and surface circulation, waves, tides, estuarine environment, biological production, nekton, plankton, and benthic organisms.
GEOL 342
Geology of National Parks 3 Units
Formerly: GEOL 18
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
Formerly: GEOL 12
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
Formerly: GEOL 9
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
Formerly: GEOL 6
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
Formerly: GEOL 24
Prerequisite: None
Course Transferable to UC/CSU
Hours: Variable
This course covers the study of geologic principles and processes of specific areas (mountains, deserts, great valley, coastal region, etc.). 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 meals. This course may be taken up to four times for credit under a new topic or destination.

GEOL 495
Independent Studies in Geology 1-3 Units
Formerly: GEOL 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

GEOL 499
Experimental Offerings in Geology .5-4 Units
Formerly: GEOL 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
Graphic Communication

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.

CERTIFICATE

GCOM Certificate—Web/Graphics Production

Web/Graphics Production involves the production of graphics for print and the Web. Students in the program learn industry-standard tools used in the Web and Graphic Design fields, and gain an understanding of the techniques, principles, and technical issues related to the production of graphics and web content. The certificate should prepare the student for an entry-level position working as a production artist or graphic assistant in a graphic design or web related field.

REQUIRED PROGRAM ......................................................... Units
ART 320 (14)  Design: Fundamentals ................................. 3
GCOM 330  Beginning Photoshop ................................. 3
GCOM 361  Creative Web Page Design ............................. 3
3 units from one of the following
GCOM 340  Beginning Adobe Illustrator (3)
CISW 300 (22)  Web Publishing (3)

TOTAL UNITS REQUIRED ............................................... 12

Graphic Communication (GCOM)

GCOM 330  
Beginning Photoshop .............................................. 3 units

Prerequisite: None
Course Transferable to CSU
Hours: 36 hours LEC ; 54 hours LAB

Discover the ultimate power of creating, manipulating, and enhancing images by using the professional graphic design and Web design imaging software of choice, Adobe Photoshop. This beginner's course covers how to effectively use this software for the graphic design industry, as well as how to plan and carry out a digital imaging project. This course may be repeated twice for credit if the version of software being taught has changed.
GCOM 340
Beginning Adobe Illustrator 3 units
Prerequisite: None
Course Transferable to CSU
Hours: 36 hours LEC; 54 hours LAB
When illustrating digitally for print or Web media, one of the skills artists and designers need to have is the ability to draw with vector digital tools. This beginner's course, provides professional tips and techniques while introducing graphic design and Web design students to the industry's leading vector-drawing program-Adobe Illustrator. Learn how digital illustrations are produced with a variety of lines and fills, gradients and blends, and special effects. This course gives students the foundation to create original graphics and illustrations digitally. This course may be repeated once for credit if the version of software being taught has changed.

GCOM 361
Creative Web Page Design 3 units
Prerequisite: GCOM 330 (66) Beginning Photoshop or GCOM 340 (75) Beginning Adobe Illustrator
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 Webpage Design (Macromedia Flash) 3 units
Prerequisite: Graphic Communication 361 (87)
Course Transferable to CSU
Hours: 36 hours LEC; 54 hours LAB
This course covers the creation of vector-based graphics, animation and interactivity within the Web environment. Emphasis will be placed on applying design principles to the elements of motion and interactivity. The basic operating principles of Macromedia Flash will be applied in order to create Web sites with animation, interactive buttons and sound. Issues of creative process for Web design, working with a client, bandwidth restrictions, and optimal delivery will be covered. This course may be repeated once for credit if the version of software being taught has changed.
Health Education

This Folsom Lake College program in Health Education is designed to provide students the essential information for the evaluation, protection and maintenance of individual health.

The Health Science course fulfills a portion of the General Education graduation requirement for Living Skills and is transferrable to all four-year colleges and universities.

Health Education (HEED)

HEED 300
Health Science
3 Units
Formerly: HEED 1
Prerequisite: None
Course Transferable to UC/CSU
Hours: 54 hours LEC
The aim of this course is to help people achieve a high level of wellness and prevent disease by assisting them to maximize both their personal lifestyles and their environments. This course will help you to identify the various factors influencing your current and future levels of wellness. Information presented will include, but not be exclusive to: mental health, stress management, nutrition, weight control, fitness, sexuality, addictive substances, and disease.

HEED 312
Community CPR (Cardiopulmonary Resuscitation)
- Basic Life Support
1 Unit
Formerly: HEED 11
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 may be taken four times for credit.
HEED 313
Standard First Aid 1 Unit
Formerly: HEED 10
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
Hours: 18 hours LEC
This course includes first aid procedures such as how to deal with cuts, bruises, bone/muscle injuries, shock, bleeding, other first aid emergencies, and also adult one-rescuer CPR (cardiopulmonary resuscitation). These instructional methods and techniques meet the requirements from the American Red Cross in Standard First Aid and CPR. This course is recommended for lifeguards, ski patrol, recreation workers, teachers and Physical Education majors. Students successfully completing this course and qualifying tests are issued American Red Cross certificates in Standard First Aid and in Adult CPR. This course may be taken four times for credit.

HEED 314
Community and First Aid and Safety 2 Units
Formerly: HEED 12
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 36 hours LEC
This course includes lecture and practice 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. There will also be lecture and practice in First Aid procedures such as how to deal with cuts, bruises, bone/muscle injuries, shock, bleeding and other first aid emergencies. These instructional methods and techniques meet the requirements from American Red Cross in adult, infant, and child CPR and First Aid. Students successfully completing course and qualifying tests are issued American Red Cross certificates in adult, child, and infant CPR and in First Aid. This course may be taken four times for credit.

HEED 350
Personal Wellness 3 Units
Formerly: HEED 2
Prerequisite: None
Course Transferable to CSU
Hours: 54 hours LEC
This course takes a personal approach to lifetime healthy habits. The students will relate their own lives to topics that include: fitness, weight management, relationships, nutrition, stress management, sexual health, risky behaviors, and prevention of diseases. Assessment, plans for change and reinforcement will be applied through the use of journals, projects, written assignments and tests. Not open to students who have received credit for PET 301.

HEED 495
Independent Studies in Health Education 1-3 Units
Formerly: HEED 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

HEED 499
Experimental Offering in Health Education .5-4 Units
Formerly: HEED 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
History

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

HIST 307
History of World Civilizations to 1500 3 Units
Formerly: HIST 11
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 world civilizations from antiquity to 1500, with particular emphasis on the dynamic interaction and comparison of peoples and cultures. The focus is on the role played by social, political, economic, cultural and religious forces in shaping the major world civilizations and the legacy of these civilizations for subsequent civilizations and our world today.

HIST 308
History of World Civilizations, 1500 to Present 3 Units
Formerly: HIST 12
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
Formerly: HIST 17
Prerequisite: None
Advisory: ENGWR 101 or eligibility for ENGWR 300.
Course Transferable to UC/CSU; UC-See Counselor
(CAN HIST 8)
Hours: 54 hours LEC
History of the United States (to 1865) portrays the growth of America, its institutions and ideals, from their beginning through the Civil War period, examining the decisions and developments that shaped our national heritage. The U.S. Constitution and the establishment of American government institutions are also covered.

HIST 313
History of the United States (1865-1945) 3 Units
Formerly: HIST 18
Prerequisite: None
Advisory: ENGWR 101 or eligibility for ENGWR 300.
Course Transferable to UC/CSU; UC - See Counselor
(CAN HIST 10)
Hours: 54 hours LEC
History of the United States portrays America’s development from the period of Reconstruction following the Civil War in 1865 through the end of the Second World War in 1945, examining the significant ideas, decisions, forces, institutions, individuals, events, and processes that affected continuity and change during this time. Includes coverage of California state and local government.

HIST 314
Recent United States History 3 Units
Formerly: HIST 21
Prerequisite: None
Advisory: ENGWR 101 or eligibility for ENGWR 300.
Course Transferable to UC/CSU
Hours: 54 hours LEC
Recent U.S. History reviews the significant ideas, decisions, forces, institutions, individuals, events, and processes that constitute American history from 1945 to the present, ensuing against the background of a “world setting.” While the emphasis tends to be on political developments, the course also covers broad economic, social, and cultural patterns. It includes coverage of California state and local government.

HIST 331
Women in American History 3 Units
Formerly: HIST 35
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
Formerly: HIST 28
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 495
Independent Studies in History 1-3 Units
Formerly: HIST 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

HIST 499
Experimental Offering in History .5-4 Units
Formerly: HIST 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours Variable
See Catalog under Alternative Credit/Study Options
Horticulture

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

Horticulture (HORT)

HORT 299
Experimental Offering in Horticulture .5-4 Units
Formerly: HORT 99
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

HORT 300
Introduction to Horticulture 3 Units
Formerly: HORT 1
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
Formerly: HORT 2
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
Hours: 36 hours LEC ; 54 hours LAB
This course provides a basic knowledge of the physical, chemical,
and biological properties of soils and their characteristics. The
course topics include: fundamental soil properties, soil and plant
relationships, principles of soil formation, fertilizers and soil
management, salinity, pH, erosion management, and non-agricultural
uses.

HORT 305
Plant Materials I 3 Units
Formerly: HORT 51
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
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
Formerly: HORT 52
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
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
Formerly: HORT49i
Prerequisite: None
Course Transferable to CSU
Hours: 18 hours LEC ; 54 hours LAB
See Catalog under Alternative Credit/Study Options

HORT 498
Work Experience in Horticulture 1-4 Units
Formerly: HORT48
Prerequisite: None
Course Transferable to CSU
Hours: 18 hours LEC ; 54 hours LAB
See Catalog under Alternative Credit/Study Options

HORT 499
Experimental Offering in Horticulture .5-4 Units
Formerly: HORT49
Prerequisite: None
Course Transferable to CSU
Hours: 18 hours LEC ; 54 hours LAB
See Catalog under Alternative Credit/Study Options
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 life-long planning
- 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 81**
Diagnostic Assessment
Formerly: HCD 252
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 132**
Career Exploration
Formerly: HCD 51C
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**  
Formerly: HCD 2  
Prerequisite: None  
Course Transferable to CSU  
Hours: 54 hours LEC  
This intensive course is designed to assist students to obtain the skills and knowledge necessary to reach their educational objectives. Topics to be covered include: motivation and discipline, memory development, time management, communication skills, career planning, study skills and techniques, question-asking skills and personal issues that face many college students. It is recommended for new students and others who can benefit. The course may be offered for specific populations.

HCD 330  
**Life and Career Planning**  
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 495  
**Independent Studies in Human/Career Development**  
Formerly: HCD 49I  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

HCD 499  
**Experimental Offering in Human/Career Development**  
Formerly: HCD 49  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

HCD 1000  
**Supervised Tutoring**  
Formerly: HCD 300  
Prerequisite: None  
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

DEGREES
A.A.—Human Services, General
A.A.—Human Services, Gerontology

CERTIFICATES
Human Services, General
Human Services, Gerontology

This Folsom Lake College program prepares students for employment as an associate professional with agencies such as youth group homes, youth and family services, schools, probation, welfare, and mental health departments.

Career Options
Peer Support Group Facilitator; Youth Group Home Worker; Alcoholism Program Worker; Family, Welfare, and Health Agencies Worker; Ombudsman Program Workers; Work with Correctional Agencies; Consumer Consultant; County or State Eligibility Worker; Conflict Containment Workers

Highlights
Individual and group counseling
Tours of Human Services agencies
Interviews with employers
Employment training, including resumes, cover letters, and interviews

DEGREE
A.A.—Human Services, General

REQUIRED PROGRAM

<table>
<thead>
<tr>
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</tr>
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<tbody>
<tr>
<td>HSER 300 (14)</td>
<td>Introduction to Human Services</td>
<td>3</td>
</tr>
<tr>
<td>HSER 302 (21)</td>
<td>Intro to Psychology of Human Relations</td>
<td>3</td>
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<tr>
<td>HSER 350 (39)</td>
<td>Employment Skills in Human Services</td>
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<td>HSER 360 (41)</td>
<td>Techniques of Interviewing and Counseling</td>
<td>3</td>
</tr>
<tr>
<td>HSER 364 (42)</td>
<td>Techniques of Group Counseling</td>
<td>4</td>
</tr>
<tr>
<td>HSER 362 (40)</td>
<td>Practices in Human Services</td>
<td>6</td>
</tr>
<tr>
<td>PSYC 300 (1)</td>
<td>General Principles</td>
<td></td>
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</table>

Plus six (6) units selected from:

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<tr>
<td>GERON 300 (22)/SOC 335 (22)</td>
<td>Sociology of Aging</td>
<td>3</td>
</tr>
<tr>
<td>HSER 304 (22)</td>
<td>Introduction to Counseling Children</td>
<td>3</td>
</tr>
<tr>
<td>HSER 340 (35)</td>
<td>Introduction to Chemical Dependency</td>
<td>3</td>
</tr>
<tr>
<td>HSER 494 (47)</td>
<td>Current Issues in Human Services</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 320 (3)</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 300 (1A)</td>
<td>Introductory Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 321 (5)</td>
<td>Race, Ethnicity and Inequality in the U.S.</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL UNITS REQUIRED: 31

Suggested Electives: ENGWR 300 (1A), 330 (14A), 331 (14B); CISA 300 (11A), 301 (11B), 320 (13A), 321 (13B), 340 (15A); HEED 300 (1), 313 (10), 312 (11); STAT 300 (1).

CERTIFICATE
Human Services, General

REQUIRED PROGRAM

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TOTAL UNITS REQUIRED: 31

Suggested Electives: ENGWR 300 (1A), 330 (14A), 331 (14B); CISA 300 (11A), 301 (11B), 320 (13A), 321 (13B), 340 (15A); HEED 300 (1), 313 (10), 312 (11); STAT 300 (1).
DEGREE
A.A.—Human Services, Gerontology

REQUIRED PROGRAM .............................................. Units
GERON 331 (41) Interviewing, Counseling the Elderly ............... 3
GERON 333 (42) Techniques of Individual and Group Counseling of the Elderly .................. 4
HSER 300 (14) Introduction to Human Services .................. 3
HSER 302 (21) Introduction to Psychology of Human Relations .... 3
HSER 340 (35) Introduction to Chemical Dependency .......... 3
HSER 350 (39) Employment Skills in Human Services .......... 3
HSER 360 (41) Techniques of Interviewing and Counseling ....... 3
HSER 364 (42) Techniques of Group Counseling .................. 4
HSER 362 (40) Practices in Human Services ....................... 6
PSYC 300 (1) General Principles .................................. 3
TOTAL UNITS REQUIRED ...................................... 35

Suggested Electives:
ENGWR 300 (ENGL 1A), ENGWR 330 (14A), ENGWR 331 (14B); CISA 300 (CIS11A), CISA 301 (CIS 11B), CISA 320 (CIS 13A), CISA 321 (13B), CISC 320 (CIS14A), CISC 321 (14B), CISA 340 (15A); HEED 300 (1), 313 (10), 312 (11); STAT 300 (1).

CERTIFICATE
Human Services, Gerontology

REQUIRED PROGRAM .............................................. Units
GERON 331 (41) Interviewing, Counseling the Elderly ............... 3
GERON 333 (42) Techniques of Individual and Group Counseling of the Elderly .................. 4
HSER 300 (14) Introduction to Human Services .................. 3
HSER 302 (21) Introduction to Psychology of Human Relations .... 3
HSER 340 (35) Introduction to Chemical Dependency .......... 3
HSER 350 (39) Employment Skills in Human Services .......... 3
HSER 360 (41) Techniques of Interviewing and Counseling ....... 3
HSER 364 (42) Techniques of Group Counseling .................. 4
HSER 362 (40) Practices in Human Services ....................... 6
PSYC 300 (1) General Principles .................................. 3
TOTAL UNITS REQUIRED ...................................... 35

CERTIFICATE
Human Services, Home Caregiver

REQUIRED PROGRAM .............................................. Units
GERON 300 (22)/SOC 335 (22) Sociology of Aging .................... 3
HSER 302 (21) Introduction to Psychology of Human Relations .... 3
HSER 350 (39) Employment Skills in Human Services .......... 3
HSER 498 (48) Work Experience .................................... 3
TOTAL UNITS REQUIRED ...................................... 12

Human Services (HSER)

HSER 300 Introduction to Human Services 3 Units
Formerly: HSER 14
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
Formerly: HSER 21
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
Formerly: HSER 22
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
Formerly: HSER 35
Prerequisite: None
Course Transferable to CSU
Hours: 54 hours LEC
A survey course that examines the psychological and physiological effects of chemical dependency on the individual. Also included is an analysis of the effects of substance abuse on the family; the sociological and economic conditions contributing to substance abuse, and a description of communication efforts at prevention and treatment.
HSER 350
Employment Skills in Human Services 3 Units
Formerly: HSER 39
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
Formerly: HSER 41
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
Formerly: HSER 40
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
Formerly: HSER 42
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
Formerly: HSER 47
Prerequisite: None
Course Transferable to CSU
Hours: Variable
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
Formerly: HSER 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

HSER 498
Work Experience in Human Services 1-4 Units
Formerly: HSER 48
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

HSER 499
Experimental Offering in Human Services .5-4 Units
Formerly: HSER 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

Gerontology (GERON)

GERON 300
Sociology of Aging 3 Units
Formerly: GERON 22
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
Formerly: GERON 41
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
Formerly: GERON 42
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
Formerly: GERON 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

GERON 498
Work Experience in Gerontology  1-4 Units
Formerly: GERON 48
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

GERON 499
Experimental Offering in Gerontology .5-4 Units
Formerly: GERON 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
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.*

**Dean**
Richard Booth

**Phone**
530-642-5615

**Counseling**
FLC/RCC
916-608-6500
EDC
530-642-6545

**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

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### Humanities (HUM)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Formerly</th>
<th>Prerequisite</th>
<th>Transferable to UC/CSU</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 300</td>
<td>Classical Humanities</td>
<td>3</td>
<td>HUM 1</td>
<td>None</td>
<td>UC/CSU</td>
<td>54</td>
<td>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.</td>
</tr>
<tr>
<td>HUM 310</td>
<td>Modern Humanities</td>
<td>3</td>
<td>HUM 2</td>
<td>None</td>
<td>UC/CSU</td>
<td>54</td>
<td>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.</td>
</tr>
<tr>
<td>HUM 320</td>
<td>Eastern Humanities</td>
<td>3</td>
<td>HUM 3</td>
<td>None</td>
<td>UC/CSU</td>
<td>54</td>
<td>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.</td>
</tr>
<tr>
<td>HUM 332</td>
<td>American Humanities</td>
<td>3</td>
<td>HUM 7</td>
<td>None</td>
<td>UC/CSU</td>
<td>54</td>
<td>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.</td>
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</tbody>
</table>
HUM 334
California Cultures 3 Units
Formerly: HUM 13
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
Formerly: HUM 12
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
Formerly: HUM 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

HUM 499
Experimental Offering in Humanities .5-4 Units
Formerly: HUM 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
Interdisciplinary Studies

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.

DEGREE
A.A.—Interdisciplinary Studies, American Studies

REQUIRED PROGRAM ................................................................. Units
15 units selected from:
(no more than one course selected from each group)
  (a.) English Literature 320 (30), 321 (ENGL 31), 330 (ENGL 40);
  (b.) History 312 (17), 313 (18), 314 (21), 331 (35);
  (c.) Humanities 332 (7);
  (d.) Political Science 301 (1);
  (e.) Psychology 360 (28);
  (f.) Sociology 300 (1A), 301 (1B), 321 (5) ............................. 15

Six (6) units selected from:
(no more than one course selected from each group)
  (a.) Business 300 (20);
  (b.) Humanities 310 (2);
  (c.) Philosophy 300 (6), 338 (8) .............................................. 6

TOTAL UNITS REQUIRED ....................................................... 21

DEGREE
A.A.—Interdisciplinary Studies, Humanities

REQUIRED PROGRAM ................................................................. Units
Nine (9) units selected from:
  Humanities 300 (1), 310 (2);
  Philosophy 300 (6) ................................................................. 9

Twelve (12) units selected from:
(no more than one course from each group)
  (a.) Art History 300 (Art 10);
  (b.) English Creative Writing 400 (ENGL 15),
      English Literature 320 (ENGL 30), 321 (ENGL 31),
      340 (ENGL 33), 341 (ENGL 34), 310 (ENGL 35),
      311 (ENGL 36), 330 (ENGL 40);
  (c.) Humanities 320 (3), 332 (7);
  (d.) Music - MUFHL 300 (6), 310 (10), 311 (11);
  (e.) Philosophy 320 (4), 310 (5), 338 (8), 350 (10);
  (f.) Theatre Arts 300 (1);
  Communications Media 305 (14) ............................................ 12

TOTAL UNITS REQUIRED ....................................................... 21
DEGREE
A.A.—Interdisciplinary Studies, Women's Studies

This program is designed for both men and women, focusing on women and their:

- Achievements
- Behavior, Feelings and Experience
- Historical Significance
- Cultural and Social Contribution
- Roles in Society and the Political System
- Literary Significance, and
- Positions in the Business World

REQUIRED PROGRAM .................................................. Units
Nine (9) units selected from:
- English Literature 360 (ENGL 27)
- History 331 (35)
- Psychology 356 (25), 360 (28) ...................................... 9

Twelve (12) units selected from:
(no more than one course from each group)
(a.) Business 300 (20);
(b.) English Literature 360 (ENGL 27), 320 (ENGL 30),
    321 (ENGL 31), 340 (ENGL 33), 341 (ENGL 34),
    310 (ENGL 35), 311 (ENGL 36), 330 (40);
(c.) History 312 (17), 313 (18), 314 (21), 331 (35);
(d.) Humanities 332 (7);
(e.) Philosophy 310 (5), 320 (4), 338 (8);
(f.) Political Science 301 (1);
(g.) Psychology 356 (25), 360 (28) 372 (34);
(h.) Sociology 300 (1A), 301 (1B), 321 (5) ....................... 12

TOTAL UNITS REQUIRED ........................................... 21
Journalism

The Journalism courses are designed to give students an overview of the profession of journalism.

Career Options
Script Writer; Copy Writer; Journalist; Newspaper Reporter; Magazine Editor; Editor; Columnist; Desktop Publishing Specialist; Public Information Officer; On-Line Writer/Editor.

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
Instruction and practice in desktop publishing, digital photography and graphics applications. Opportunities for internships on newspapers, magazines, and in public relations firms.

Journalism (JOUR)

JOUR 310
Mass Media and Society
Formerly: JOUR 10
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
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. Not open to students who have received credit for CMED 300.

JOUR 335
Introduction to Desktop Publishing
Formerly: JOUR 35A
Prerequisite: None
Advisory: CISC 300 or 310.
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.
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</table>
| JOUR 336    | Intermediate Desktop Publishing              | 2     | Formerly: JOUR 35B  
Prerequisite: CISA 330 or JOUR 335. Grade of “C” or better required to meet prerequisite.  
Course Transferable to CSU  
Hours: 27 hours LEC ; 27 hours LAB  
This course will cover the intermediate elements of desktop publishing. The course is taught in three modules with a project attached to each module. The course covers intermediate hardware and software, elements of intermediate design, graphics and text composition, multi-page layout, design for publishing presentations, project management, and single- and multi-page documents. Projects may include, but are not limited to: reports, slicks, slides, overheads, posters, transparencies, billboards, brochures, and newsletters. Students may receive two units credit for each topic offered. Consult the class schedule for specific topics. Recommended supplemental courses: CISA 300 or 305; 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     | Formerly: JOUR 40  
Prerequisite: ENGWR 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   | Formerly: JOUR 49I  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options |
| JOUR 499    | Experimental Offering in Journalism          | .5-4  | Formerly: JOUR 49  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options |
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
Formerly: LIBR 15
Prerequisite: None
Course Transferable to UC/CSU
Hours: 18 hours LEC

This course will help students acquire the information competency skills necessary to conduct academic or personal research. It provides a step-by-step guide to the research process that is applicable to term papers, course work and life-long learning.

**LIBR 499**
Experimental Offering in Library
.5-4 Units
Formerly: LIBR 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
Management

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

DEGREE
A.A.—Management

REQUIRED PROGRAM ............................................................... Units
Business Core:
ACCT 301 (1A)  Financial Accounting ........................................ 4
BUS 310 (8)  Business Communications ..................................... 3
BUS 330 (15)  Managing Diversity in the Workplace ...................... 3
BUS 340 (18A) Business Law ...................................................... 3
BUS 300 (20)  Introduction to Business ..................................... 3
BUSTEC 302 (BUS 41)  Computer Keyboarding ......................... 2
MKT 300 (20)  Principles of Marketing ...................................... 3
ECON 302 (1A)  Principles of Macroeconomics or ECON 320 (14)/BUS 320 (14)  Concepts of Personal Finance ...... 3
CISC 310 (CIS 3) Intro to Computer Information Science or
Three (3) units to include:
CISC 300 (CIS 1) Computer Familiarization (1) and
Any two (2) additional units selected from:
CISA 300 (CIS 11A), CISA 310 (CIS 12A), CISA 320 (CIS 13A),
CISC 320 (CIS 14A), CISA 340 (CIS 15A), CISC 350 (CIS 16A),
CISA 330 (CIS 17A), CISA 350 (CIS18A) .............................. 3

Plus six (6) units selected from: .................................................. 6
BUS 350 (25), 210 (71A), 218 (71E), 224 (71-I);
Plus three (3) units selected from: ............................................. 3
BUS 498 (98)  Work Experience or
Human/Career Development (any course combination)

TOTAL UNITS REQUIRED ........................................................... 42

Management Option:
MGMT 362 (24)  Techniques of Management .............................. 3
MGMT 372 (23)  Human Relations & Organizational Behavior ...... 3
Plus six (6) units selected from: .................................................. 6
BUS 350 (25), 210 (71A), 218 (71E), 224 (71-I);
Plus three (3) units selected from: ............................................. 3
BUS 498 (98)  Work Experience or
Human/Career Development (any course combination)

Suggested Elective:
ACCT 311 (1B)
MGMT 308
Personnel and Human Resources Management 3 Units
Formerly: MGMT 22
Prerequisite: None
Course Transferable to CSU
Hours: 54 hours LEC
This course presents the student with the materials necessary to begin the complex study and analysis of such areas as civil rights, labor law, the personnel “Human Resources” organization and various management theories currently found in both public and private sector organization.

MGMT 360
Management Communication 3 Units
Formerly: MGMT 21
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
Formerly: MGMT 24
Prerequisite: None
Course Transferable to CSU
Hours: 54 hours LEC
This is a basic course in management that introduces a variety of modern management concepts. This course includes the basic management functions of planning, organization, staffing, leadership, and control. In addition, such concepts as team development, communication, business ethics, and global management perspectives will be discussed.

MGMT 372
Human Relations and Organizational Behavior 3 Units
Formerly: MGMT 23
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
Formerly: MGMT 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

MGMT 498
Work Experience in Management 1-4 Units
Formerly: MGMT 98
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

MGMT 499
Experimental Offering in Management .5-4 Units
Formerly: MGMT 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
Marketing

DEGREE A.A.—Marketing

Marketing is a dynamic area of study that provides immediate job and career opportunities after one course or the completion of a degree. The skills learned are easily converted into well-paying careers by many students. There is no limit to your success when these areas of study are utilized successfully. The skills learned are essential for international and domestic business and for companies large and small.

Career Options
Buyer; Account Executive; Entrepreneur; Investment Counselor; Marketing Services; Stockbroker; Purchasing Agent; Salesperson; Shipping Clerk; Marketing Manager; Export / Import

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

Highlights
Additional training in courses acceptable as electives for civil service professional occupations
Opportunities for Work Experience in local industry and business
Training in a career where one third of the presidents of Fortune 500 corporations have marketing backgrounds
Coursework in international marketing
A lab with tutorial assistance

DEGREE
A.A.—Marketing

REQUIRED PROGRAM ................................................................. Units
Business Core:
ACCT 301 (1A) Financial Accounting (4) or
ACCT 101 (60) Fundamentals of College Accounting (3) ................. 3-4
BUS 310 (8) Business Communication ......................................... 3
BUS 330 (15) Managing Diversity in the Workplace ...................... 3
BUS 340 (18A) Business Law ....................................................... 3
BUS 300 (20) Introduction to Business ........................................ 3
BUSTEC 302 (BUS 41) Computer Keyboarding ............................... 2
CISC 310 (CIS 3) Intro to Computer Information Science (3) or
Three (3) units to include:
    CISC 300 (CIS 1) Computer Familiarization (1) and
Any two (2) additional units selected from:
    CISA 300 (CIS 11A), CISA 310 (CIS 12A), CISA 320 (CIS 13A),
    CISC 320 (CIS 14A), CISA 340 (CIS 15A), CISC 350 (CIS 16A),
    CISA 330 (CIS 17A), CISA 350 (CIS 18A) ................................ 3
ECON 302 (1A) Principles of Macroeconomics or
ECON 320 (14)/BUS 320 (14) Concepts of Personal Finance ........ 3
MGMT 362 (24) Techniques of Management .............................. 3

Marketing Option:
MKT 300 (20) Principles of Marketing ........................................ 3
MKT 310 (22) Selling Professionally ........................................... 3
MKT 312 (24) Retailing or
    BUS 350 (25) Small Business Management/Entrepreneurship or
    Three (3) units selected from:
    BUS 210 (71A), 212 (71B), 214 (71C), 220 (71F),
    224 (71-I) .......................................................................... 3
MKT 314 (26)/CMED 376 (60) Advertising .................................... 3
BUS 498 (98) Work Experience (3) or
    Human/Career Dev. (any course combination) ....................... 3
TOTAL UNITS REQUIRED ......................................................... 41-42

Suggested Electives:
CISA 340 (CIS 15A), CISA 330 (17A); RE 300 (19)
Marketing (MKT)

MKT 120
Survey of International Business  3 Units
Formerly: MKT 50
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 multinational corporations.

MKT 122
International Marketing  3 Units
Formerly: MKT 51
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
Formerly: MKT 54A
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
Formerly: MKT 54B
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
Formerly: MKT 99I
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

MKT 299
Experimental Offering in Marketing  .5-4 Units
Formerly: MKT 99
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

MKT 300
Principles of Marketing  3 Units
Formerly: MKT 20
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
Formerly: MKT 22
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
Formerly: MKT 24
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**
- **Units:** 3
- **Formerly:** MKT 26
- **Prerequisite:** None
- **Course Transferable to CSU:**

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. Not open to students who have received credit for CMED 376.

### MKT 330
**Internet Marketing**
- **Units:** 3
- **Formerly:** MKT 21
- **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**
- **Units:** 1-3
- **Formerly:** MKT 49I
- **Prerequisite:** None
- **Course Transferable to CSU:**
- **Hours:** Variable

See Catalog under Alternative Credit/Study Options

### MKT 498
**Work Experience in Marketing**
- **Units:** 1-4
- **Formerly:** MKT 98
- **Prerequisite:** None
- **Course Transferable to CSU:**
- **Hours:** Variable

See Catalog under Alternative Credit/Study Options

### MKT 499
**Experimental Offering in Marketing**
- **Units:** .5-4
- **Formerly:** MKT 49
- **Prerequisite:** None
- **Course Transferable to CSU:**
- **Hours:** Variable

See Catalog under Alternative Credit/Study Options
Mathematics & Statistics

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.

DEGREE A.S.—Mathematics

This degree is designed to meet common lower division requirements for a major in mathematics.

REQUIRED PROGRAM ................................................................. Units
MATH 400 (9A) Analytic Geometry and Calculus I ............... 5
MATH 401 (9B) Analytic Geometry and Calculus II ............. 5
MATH 402 (9C) Analytic Geometry and Calculus III .......... 5
MATH 420 (11) Differential Equations ........................... 4
MATH 410 (35) Linear Algebra ............................................. 3

Plus select one of the following courses: ............................. 3-4
CISP 360 (CIS 32A) Introduction to Structured Programming (4)
CISP 370 (CIS 38) Beginning Visual BASIC (4)

TOTAL UNITS REQUIRED ....................................................... 25-26

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.

Mathematics (MATH)

MATH 20
Arithmetic 5 Units
Formerly: MATH 200
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
Formerly: MATH 210
Prerequisite: MATH 20 or 22, or qualifying through the assessment process. Grade of “C” or better required to meet prerequisite.
Hours: 90 hours LEC
This course in pre-algebra mathematics emphasizes fundamental operations on integers and decimals as well as in geometric figures, measurement, and algebra. Topics include: fractions; decimals; signed numbers; properties of exponents; scientific notation; conversions; metric system; square and cube roots; formula evaluation; solving equations; ratios; proportions; algebraic manipulations; descriptive statistics; rectangular coordinate system; elementary calculator use.

MATH 100
Elementary Algebra 5 Units
Formerly: MATH 51
Prerequisite: MATH 30 or equivalent skills demonstrated through the assessment process. Grade of “C” or better required to meet prerequisite.
Hours: 90 hours LEC
This course presents the fundamental concepts and operations of algebra with problem solving skills emphasized throughout. Topics include: properties of real numbers, linear equations and inequalities, integer exponents, polynomials, factoring polynomials, rational expressions and equations, radical expressions and equations, rational exponents, systems of linear equations and inequalities, the rectangular coordinate system, graphs and equations of lines, and solving quadratic equations. MATH 105 recommended for students who feel they need additional course work before taking MATH 100.

MATH 112
Elementary Geometry 3 Units
Formerly: MATH 52
Prerequisite: MATH 100 or 102 or equivalent skills demonstrated through the assessment process. Grade of “C” or better required to meet prerequisite.
Hours: 54 hours LEC
This course introduces Euclidean geometry. Topics include the axiomatic system, deductive and inductive reasoning, proof, triangles, quadrilaterals, congruence, similarity, constructions, the Pythagorean Theorem, area, and volume.

MATH 120
Intermediate Algebra 5 Units
Formerly: MATH 53
Prerequisite: MATH 100 or 102, or eligibility as determined by the assessment process. Grade of “C” or better required to meet prerequisite.
Hours: 90 hours LEC
This course reviews and extends the concepts of elementary algebra with problem solving skills emphasized throughout. Topics which are reviewed and extended include: linear and quadratic equations, factoring polynomials, rational expressions, exponents, radicals, equations of lines, and systems of equations. New topics include: graphs and their translations and reflections, functions, exponential and logarithmic functions, graphs of quadratic and simple polynomial functions, nonlinear systems of equations, quadratic inequalities, and an introduction to graph of circles.
MATH 335  
Trigonometry with College Algebra  
5 Units  
Formerly: MATH 20  
Prerequisite: MATH 112 or Geometry AND MATH 120, or eligibility as determined by the assessment process. Grade of “C” or better required to meet prerequisite.  
Course Transferable to CSU  
Hours: 90 hours LEC  
This is a full trigonometry course with algebra concepts reviewed, extended, and integrated when they are relevant to the trigonometric concepts. The trigonometric topics include right triangle trigonometry, unit circle trigonometry, graphs of trigonometric functions, proofs of trigonometric identities, solving trigonometric equations, applications of trigonometric functions (law of sines and cosines), and inverse trigonometric functions. The algebra topics include exponential and logarithmic functions, complex numbers, conic sections, the polar coordinate system, and solving equations, inequalities, and systems of equations.

MATH 340  
Modern Business Mathematics  
4 Units  
Formerly: MATH 44  
Prerequisite: MATH 120 or 125, or eligibility as determined by the assessment process. Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU; UC-See Counselor  
(CAN MATH 34)  
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  
Formerly: MATH 44  
Prerequisite: MATH 120 or 125, or eligibility as determined by the assessment process. Grade of “C” or better required to meet prerequisite.  
Course Transferable to CSU  
Hours: 72 hours LEC  
This course is designed around applications of mathematics in an economic and business context. The major topics included are function, finance (interest and exponential models), rates of change, optimization, and linear programming. The content of the course is structured to incorporate tables, graphs and data sets collected from real-world situations. This course is not recommended for mathematics or physical science majors.

MATH 344  
Finite Math  
3 Units  
Formerly: MATH 42  
Prerequisite: MATH 120 or MATH 125, or equivalent skills demonstrated through the assessment process. Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU  
(CAN MATH 12)  
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  
Formerly: MATH 16A  
Prerequisite: MATH 335 or equivalent skills demonstrated through the assessment process. Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU; UC-See Counselor  
(CAN MATH 30) (with 351, CAN MATH SEQ D)  
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. This course is intended for students majoring in social and biological sciences.

MATH 351  
Calculus for the Life and Social Sciences II  
3 Units  
Formerly: MATH 16B  
Prerequisite: MATH 350. Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU; UC-See Counselor  
(CAN MATH 32) (with 350, CAN MATH SEQ D)  
Hours: 54 hours LEC  
This course is a continuation of MATH 350. Topics include: definite and indefinite integrals, power series, analytic geometry, multivariate calculus, and differential equations with applications to business, social, and biological sciences. Not open to students who have received credit for MATH 401 or higher level mathematics course.

MATH 370  
Pre-Calculus Mathematics  
5 Units  
Formerly: MATH 29  
Prerequisite: MATH 335 or equivalent skills demonstrated through the assessment process. Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU; UC - See Counselor  
(CAN MATH 16)  
Hours: 90 hours LEC  
This course is designed to prepare students for calculus, MATH 400, 401 and 402. Course content includes a brief review followed by an in-depth extension of the properties of polynomial, rational, exponential, logarithmic and trigonometric functions. Additional topics include systems of linear and non-linear equations and inequalities, conic sections, sequences and series, the binomial theorem, analytic geometry, vectors, parametric, and polar equations. A graphing calculator may be required for this course.

MATH 400  
Analytic Geometry and Calculus I  
5 Units  
Formerly: MATH 9A  
Prerequisite: MATH 370, or eligibility as determined by the assessment process. Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU; UC-See Counselor  
(CAN MATH 18) (with 401, CAN MATH SEQ B; with 401 and 402, CAN MATH SEQ C)  
Hours: 90 hours LEC  
This course explores the basic concepts of analytic geometry, limits, derivatives, and integrals. Topics covered will include the graphs, derivatives, and integrals of algebraic, trigonometric, exponential, logarithmic, and hyperbolic functions, and indeterminate forms. Many applications will be covered, including those involving rectilinear motion, differentials, related rates, graphing, and optimization.
MATH 401
Analytic Geometry and Calculus II 5 Units
Formerly: MATH 9B
Prerequisite: MATH 400. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU; UC-See Counselor
(CAN MATH 20) (with MATH 400, CAN MATH SEQ B; with 400 and 402, CAN MATH SEQ C)
Hours: 90 hours LEC
This course is a continuation of MATH 400. Topics covered include techniques of integration, numerical integration, improper integrals, infinite series, parametric equations, polar coordinates, and conic sections. Many applications will be covered including those involving areas between plane regions, volumes of revolution, work, moments and concepts of mass, average value, arc length, and surface area.

MATH 402
Analytic Geometry and Calculus III 5 Units
Formerly: MATH 9C
Prerequisite: MATH 401. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU; UC-See Counselor
(CAN MATH 22) (with MATH 400 and 401, CAN MATH SEQ C)
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
Formerly: MATH 35
Prerequisite: MATH 400. Grade of “C” or better required to meet prerequisite.
Advisory: MATH 402 (may be taken concurrently).
Course Transferable to UC/CSU
(CAN MATH 26)
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
Formerly: MATH 11
Prerequisite: MATH 401. Grade of “C” or better required to meet prerequisite.
Advisory: MATH 402 (may be taken concurrently).
Course Transferable to UC/CSU
(CAN MATH 24)
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
Formerly: MATH 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

MATH 499
Experimental Offering in Mathematics .5-4 Units
Formerly: MATH 49
Prerequisite: None.
Course Transferable to UC/CSU; UC-See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
Statistics (STAT)

STAT 300
Introduction to Probability and Statistics 4 Units
Formerly: STAT 1
Prerequisite: MATH 120 or 125 or equivalent skills demonstrated through the assessment process. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU; UC-See Counselor
(CAN STAT 2)
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
Formerly: STAT 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

STAT 499
Experimental Offering in Statistics .5-4 Units
Formerly: STAT 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
Music

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
Formerly: MUFHL 6
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
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 321
Basic Musicianship 3 Units
Formerly: MUFHL 2
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
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
Formerly: MUFHL 9
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, Australia and Europe will be covered.
MUFHL 495
Independent Studies in Music Fundamentals/History and Literature 1-3 Units
Formerly: MUFHL 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

MUFHL 499
Experimental Offering in Music Fundamentals/History and Literature .5-4 Units
Formerly: MUFHL 49
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options

Instrumental/Voice Instruction (MUIVI)

MUIVI 310
Voice Class 2 Units
Formerly: MUIVI 22A
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
Formerly: MUIVI 22B
Prerequisite: MUIVI 310. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 36 hours LEC ; 18 hours LAB
Training in the correct use of the singing voice, vocal techniques, and repertoire. Required for vocal majors, but open to all students desiring the study of voice. Students may wish to challenge the prerequisite on the basis of equivalent experience.

MUIVI 320
Voice Class, Intermediate 2 Units
Formerly: MUIVI 23A
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
Formerly: MUIVI 23B
Prerequisite: MUIVI 320. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 36 hours LEC ; 18 hours LAB
Practical application of proper singing techniques with emphasis on English and Italian diction, and English and Italian literature. Performance in class and in recital is essential. Required for vocal majors. Students may wish to challenge the prerequisite on the basis of equivalent experience.

MUIVI 370
Beginning Guitar 2 Units
Formerly: MUIVI 42A
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 accompanying figurations.

MUIVI 371
Intermediate Guitar 2 Units
Formerly: MUIVI 42B
Prerequisite: MUIVI 370. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 36 hours LEC ; 18 hours LAB
A continuation of MUIVI 370 with emphasis on increased skills in chording, arpeggiation, accompaniment, improvisation, melodic reading, and development of personal style. Students may wish to challenge the prerequisite on the basis of equivalent experience.

MUIVI 410
Applied Music 1 Unit
Formerly: MUIVI 38
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 495
Independent Studies in Music Instrumental/Voice Instruction .5-3 Units
Formerly: MUIVI 39
Prerequisite: None
Course Transferable to CSU
Hours: Variable
Independent study designed to provide instrumental training not offered in other FLCC music classes. Components of the course may include private or group instruction, solo and ensemble work, accompanying experience, and programmed learning in music fundamentals and music technology. Also for students interested in developing tutorial and/or instrumental skills. Each component may be repeated for a total of 3 units, up to a maximum of 9 units.
MUIVI 499
Experimental Offering in
Music Instrumental/Voice Instruction .5-4 Units
Formerly: MUIVI 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options

Music Performance (MUP)

MUP 350
College Choir 2 Units
Formerly: MUP 19
Prerequisite: MUP 357. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 18 hours LEC ; 72 hours LAB
Study and performance of standard vocal literature from 16th century to modern period. Students are urged to enter during the freshman year. The course is not limited to music majors and is open to all qualified students. Public performances required. May be taken four times for credit. Students may wish to challenge the prerequisite on the basis of equivalent experience.

MUP 357
College Chorus 2 Units
Formerly: MUP 18
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.

MP 495
Independent Studies in
Music Performance 1-3 Units
Formerly: MUP 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

MUP 499
Experimental Offering in
Music Performance .5-4 Units
Formerly: MUP 49
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options

Specializations in Music (MUSM)

MUSM 334
Introduction to
Musical Instrument Digital Interface (MIDI) 2 Units
Formerly: MUSM 62
Prerequisite: None
Advisory: MUFHL 310 or MUIVI 310.
Course Transferable to CSU
Hours: 9 hours LEC ; 81 hours LAB
This course is an introduction to the rapidly evolving use of professional music software and MIDI electronic instruments. Various music hardware options, including keyboards, synthesizers, samplers, computers and drum machines, will be explored. Through a series of MIDI projects, students learn to use music sequencing, notation, and CAI (computer-assisted instruction) software.

MUSM 370
Music for Children 3 Units
Formerly: MUSM 9
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
Formerly: MUSM 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

MUSM 499
Experimental Offering in
Music Specializations in Music .5-4 Units
Formerly: MUSM 49
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
Natural Resources

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
Formerly: NATR 3
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
Formerly: NATR 5
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
Formerly: NATR 2
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
Formerly: NATR 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

NATR 499
Experimental Offering in Natural Resources
.5-4 Units
Formerly: NATR 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
Nutrition and Foods

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.

Nutrition and Foods (NUTRI)

NUTRI 300 Nutrition 3 Units
Formerly: NUTRI 10
Prerequisite: None
Course Transferable to UC/CSU
Hours: 54 hours LEC
This course includes the basic principles of nutrition, sources and functions of the nutrients in all stages of the life cycle, nutrition as a world problem, and consumer problems related to food. The course will emphasize topics such as weight loss, sports nutrition, food safety, the diet-disease relationship, global nutrition and analysis of special nutritional requirements and needs during the life cycle, among others. An evaluation of personal dietary habits using current dietary guidelines and nutritional assessment methods will also be completed to help students access their own nutritional health.

NUTRI 320 Children’s Health, Safety and Nutrition 3 Units
Formerly: NUTRI 14
Prerequisite: None
Advisory: NUTRI 300.
Course Transferable to CSU
Hours: 54 hours LEC
Basic nutritional, health and safety needs of children from the prenatal period through school age. Identification of nutrients in food as they affect physical and mental development. Emphasis on improving the nutritional status of children. Preparations of visual aids and projects relating to children’s nutrition, health and safety. Not open to students who have received credit for ECE 415.

NUTRI 495 Independent Studies in Nutrition and Foods 1-3 Units
Formerly: NUTRI 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

NUTRI 499 Experimental Offering in Nutrition .5-4 Units
Formerly: NUTRI 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
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
Formerly: PHIL 6
Prerequisite: None
Course Transferable to UC/CSU (CAN PHIL 2)
Hours: 54 hours LEC
This course will focus on critical thinking techniques and apply them to the following philosophical areas: metaphilosophy, theory of knowledge, metaphysics, ethics, political philosophy, and philosophy of religion. In applying critical thinking techniques to philosophical problems, students are encouraged to develop their own philosophical perspective and world view. The quality and quantity of the course’s required writing will reflect the standards of a second semester composition course.

PHIL 304
Introduction to Eastern Philosophy 3 Units
Formerly: PHIL 3
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
Formerly: PHIL 5
Prerequisite: None
Course Transferable to UC/CSU (CAN PHIL 4)
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
Formerly: PHIL 4
Prerequisite: None
Course Transferable to UC/CSU (CAN PHIL 6)
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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Formerly</th>
<th>Prerequisite</th>
<th>Course Transferable to</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 328</td>
<td>Critical Reasoning and Composition</td>
<td>3</td>
<td></td>
<td></td>
<td>UC/CSU</td>
<td>54</td>
<td>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.</td>
</tr>
<tr>
<td>PHIL 330</td>
<td>History of Classical Philosophy</td>
<td>3</td>
<td></td>
<td></td>
<td>UC/CSU</td>
<td>54</td>
<td>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.</td>
</tr>
<tr>
<td>PHIL 331</td>
<td>History of Modern Philosophy</td>
<td>3</td>
<td></td>
<td></td>
<td>UC/CSU</td>
<td>54</td>
<td>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.</td>
</tr>
<tr>
<td>PHIL 338</td>
<td>Contemporary Philosophy</td>
<td>3</td>
<td></td>
<td></td>
<td>UC/CSU</td>
<td>54</td>
<td>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.</td>
</tr>
<tr>
<td>PHIL 350</td>
<td>Philosophy of Religion</td>
<td>3</td>
<td></td>
<td></td>
<td>UC/CSU</td>
<td>54</td>
<td>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.</td>
</tr>
<tr>
<td>PHIL 352</td>
<td>Introduction to World Religions</td>
<td>3</td>
<td></td>
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<td>UC/CSU</td>
<td>54</td>
<td>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.</td>
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<tr>
<td>PHIL 355</td>
<td>Philosophy of Social Sciences</td>
<td>3</td>
<td></td>
<td></td>
<td>UC/CSU</td>
<td>54</td>
<td>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.</td>
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<tr>
<td>PHIL 495</td>
<td>Independent Studies in Philosophy</td>
<td>1-3</td>
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<td>CSU</td>
<td>Variable</td>
<td>See Catalog under Alternative Credit/Study Options</td>
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<tr>
<td>PHIL 499</td>
<td>Experimental Offering in Philosophy</td>
<td>.5-4</td>
<td></td>
<td></td>
<td>UC/CSU; UC - See Counselor</td>
<td>Variable</td>
<td>See Catalog under Alternative Credit/Study Options</td>
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</table>
Photography

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
Formerly: PHOTO 90B
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
Formerly: PHOTO 90
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

PHOTO 295
Independent Studies in Photography 1-3 Units
Formerly PHOTO 49I
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

PHOTO 299
Experimental Offering in Photography .5-4 Units
Formerly: PHOTO 99
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options
PHOTO 300
Photography - Its Influence in Contemporary Society 1 Unit
Formerly: PHOTO 1
Prerequisite: None
Course Transferable to UC/CSU
Hours: 18 hours LEC
A survey course of important historical and contemporary photographers, designed to expose the student to various fields of photography. In our society, we are overwhelmed by visual information of all kinds. This course intends to increase visual literacy. The format of the class includes: slide presentations, discussions, written tests and a paper.

PHOTO 301
Beginning Photography 3 Units
Formerly: PHOTO 40
Prerequisite: None
Corequisite: PHOTO 300 (may be taken previously). Grade of “C” or better required to meet corequisite.
Course Transferable to UC/CSU; UC-See Counselor (CAN-ART 18)
Hours: 36 hours LEC; 54 hours LAB
A course combining lectures and hands-on experience in black and white photography. Instruction includes camera function, exposure control, film processing, enlarging prints, low light photography, and print finishing. Creative control and elements of composition will also be stressed. The format of the class includes lectures, slide presentations, lab time, written tests and a portfolio. Students may wish to challenge the prerequisite on the basis of equivalent experience. Not open to students who have received credit for ART 410. A lab fee is charged for all studio classes.

PHOTO 400
Digital Imaging 3 Units
Formerly: PHOTO 57
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
Formerly: PHOTO 59
Prerequisite: PHOTO 400. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: 36 hours LEC; 54 hours LAB
This course is an advanced study of digital imaging and related software programs. Methods currently used in publishing will be emphasized. The class includes lectures, use of computers, scanners, and a variety of output devices, and preparation of a digital portfolio. This course will introduce the student to the emerging field of multimedia and visit various local businesses. A fee is charged for digital printing.

PHOTO 425
Film History 3 Units
Formerly: PHOTO 14
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
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 .5-3 Units
Formerly PHOTO 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
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. See Catalog under Alternative Credit/Study Options

PHOTO 498
Work Experience in Photography 1-4 Units
Formerly: PHOTO 98
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

PHOTO 499
Experimental Offering in Photography .5-4 Units
Formerly: PHOTO 49
Prerequisite: PHOTO 310. Grade of “C” or better required to meet prerequisite.
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
The Folsom Lake College Physical Education program offers a variety of classes including: step aerobics, weight training, fitness kickboxing, social dance, yoga, tennis, golf, and martial arts. These courses are designed not only to enhance physical conditioning, but to stimulate students' intellectual growth as well. As a result, many of the FLC Physical Education courses have combined lecture and lab components to meet these goals. FLC's Physical Education Department offers many university level transfer courses to accommodate students pursuing a four-year degree. Some requirements tend to vary from college to college. For specific requirements, students should refer to a catalog from the transfer institution of their choice. Students are also advised to see a counselor before selecting the courses best aligned with their transfer institution.

Career Options
Group exercise instructor; personal trainer; corporate fitness director; wellness coordinator; coach; athletic trainer; physical therapist aide; recreational supervisor. Most career options require a Bachelor's degree. Classes beyond the Associate Degree may be required for transfer to a University program.

Highlights
The Physical Education curriculum offers a wide variety of courses to accommodate varying fitness levels and age groups. Full service group exercise facilities and weight room are available.

PHYSICAL EDUCATION
All activity classes are open to both men and women unless noted within the course title. Students may be concurrently enrolled in more than one physical education activity class; however, no more than two of the same physical education activity classes may be taken by a student in the same semester. Some four-year colleges and universities limit the number of physical education units they will accept toward the baccalaureate degree. Students should check the appropriate catalog.

The prefixes DANCE, FITNESS, PACT, TMACT, and PET refer to courses which may be used to satisfy the physical education graduation requirement. Beginning classes concentrate on fundamental skills, rules, scoring, equipment, dress, etiquette and basic strategy. Intermediate classes continue efforts on skill development while concentrating on strategy and more difficult activities.

Activity courses may be taken up to four times in each activity area, unless otherwise identified (e.g. four Tennis, four Aerobics, four Weight Training, etc.).
### P.E.

#### Dance (DANCE)

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<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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<tbody>
<tr>
<td>DANCE 303</td>
<td>African Dance</td>
<td>1.5</td>
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<tr>
<td></td>
<td>Prerequisite: None</td>
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<td></td>
<td>Course Transferable to UC/CSU; UC - See Counselor</td>
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<td></td>
<td>Hours: 18 hours LEC ; 36 hours LAB</td>
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<td>This course will include basic movements from several African styles of dance, such as Western African, Afro-Caribbean, and Congolese. Classes will consist of beginning level warmups, across the floor and center combination movements, and stretching. There will be an opportunity for in class choreography and performance.</td>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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<tbody>
<tr>
<td>DANCE 342</td>
<td>Social Dance</td>
<td>1.5</td>
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<tr>
<td></td>
<td>Formerly: PER 1</td>
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<td></td>
<td>Prerequisite: None</td>
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<td></td>
<td>Course Transferable to UC/CSU; UC-See Counselor</td>
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<td></td>
<td>Hours: 18 hours LEC ; 36 hours LAB</td>
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<td>This activity class is designed to provide students the opportunity to develop physical, mental and social skills through Social Dance. Dances presented will include Swing, Foxtrot, Waltz, Cha Cha, Rumba, Tango, and Country Swing. This class may be taken four times.</td>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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<tbody>
<tr>
<td>DANCE 495</td>
<td>Independent Studies in Dance</td>
<td>1-3</td>
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<td></td>
<td>Formerly: PER 49I</td>
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<tr>
<td></td>
<td>Prerequisite: None</td>
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<td></td>
<td>Course Transferable to CSU</td>
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<td></td>
<td>Hours: Variable</td>
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<td>See Catalog under Alternative Credit/Study Options</td>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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<tbody>
<tr>
<td>DANCE 499</td>
<td>Experimental Offering in Dance</td>
<td>.5-.4</td>
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<td></td>
<td>Formerly: PER 49</td>
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<tr>
<td></td>
<td>Prerequisite: None</td>
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<td></td>
<td>Course Transferable to UC/CSU; UC-See Counselor</td>
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<td>Hours: Variable</td>
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<td>See Catalog under Alternative Credit/Study Options</td>
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#### Fitness (FITNS)

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<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>FITNS 301</td>
<td>Aerobics</td>
<td>1.5</td>
</tr>
<tr>
<td></td>
<td>Formerly: PER 1</td>
<td></td>
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<tr>
<td></td>
<td>Prerequisite: None</td>
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<tr>
<td></td>
<td>Course Transferable to UC/CSU; UC - See Counselor</td>
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<td></td>
<td>Hours: 18 hours LEC ; 36 hours LAB</td>
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<td></td>
<td>This physical education course is an activity class designed to help students gain an understanding of how to develop overall physical fitness. This course involves calisthenics, floor exercises, aerobic activity and strength development. This course may be taken four times.</td>
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<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FITNS 304</td>
<td>Fitness Kickboxing</td>
<td>1.5</td>
</tr>
<tr>
<td></td>
<td>Formerly: PER 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: None</td>
<td></td>
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<tr>
<td></td>
<td>Course Transferable to UC/CSU; UC - See Counselor</td>
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<tr>
<td></td>
<td>Hours: 18 hours LEC ; 36 hours LAB</td>
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<tr>
<td></td>
<td>Fitness 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 strength and flexibility exercises will also be included in this class.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Units</th>
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</thead>
<tbody>
<tr>
<td>FITNS 309</td>
<td>Step Aerobics</td>
<td>1.5</td>
</tr>
<tr>
<td></td>
<td>Formerly: PER 1</td>
<td></td>
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<tr>
<td></td>
<td>Prerequisite: None</td>
<td></td>
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<tr>
<td></td>
<td>Course Transferable to UC/CSU; UC - See Counselor</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hours: 18 hours LEC ; 36 hours LAB</td>
<td></td>
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<tr>
<td></td>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>FITNS 320</td>
<td>Body Fitness</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Formerly: PER 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: None</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Course Transferable to UC/CSU; UC - See Counselor</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hours: 18 hours LEC ; 54 hours LAB</td>
<td></td>
</tr>
<tr>
<td></td>
<td>This course is an activity class which emphasizes cardiovascular development through continuous aerobic activity (e.g., jogging, stationary bicycle riding, calisthenics). This course may be taken four times.</td>
<td></td>
</tr>
</tbody>
</table>
FITNS 323
Fitness Ball 1.5 Units
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 18 hours LEC ; 36 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, content may include written exams, discussion of reading assignments, and construction of a fitness ball portfolio. This class may be taken four times for credit. Students will be required to purchase and transport their own fitness balls.

FITNS 331
Boot Camp Fitness 1 Unit
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 54 hours LAB
Boot camp fitness is designed to allow students to train and be challenged at a high level. Training exercises performed during this class include jogging, interval training, hill training, and running obstacle courses. The training sessions will also include calisthenic exercises designed to enhance muscular strength and endurance. This class is designed for men and women to train individually, with a partner, or in a team setting. This course may be taken four times.

FITNS 342
Fire Fitness 3 Units
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 36 hours LEC ; 54 hours LAB
This health and fitness course, designed for firefighters, includes physical fitness testing, lectures on health and fitness concepts, nutrition, and stress management. Group and individual workout programs specifically designed for the firefighter will be emphasized.

FITNS 366
Trail Hiking 1.5 Units
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 18 hours LEC ; 36 hours LAB
This course is designed to promote a higher level of physical fitness (cardiovascular strength and endurance, muscular strength and endurance, flexibility, and body leanness) through the outdoor activity of trail hiking. This class will allow the student to enjoy the unique and beautiful backcountry trails of the Sierra and the Sierra foothills. The course will cover planning and preparation (physical conditioning) for hiking the trails, trail safety, injury prevention and treatment, trail etiquette, orienteering, and wilderness survival. This class may be taken four times for credit.

FITNS 382
Weight Training 1.5 Units
Formerly: PER 1
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 18 hours LEC ; 36 hours LAB
This class is designed to develop muscular fitness through progressive resistance training. With the help of the instructor, students will set up a personalized weight training program based on their individual goals. Proper lifting technique, safety and program design will be emphasized.

FITNS 391
Yoga 2 Units
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 27 hours LEC ; 27 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 403
Fitness Walking 1.5 Units
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 18 hours LEC ; 36 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 Fitness 2 Units
Formerly: PER 1
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 27 hours LEC ; 27 hours LAB
This class is a conditioning program that shall emphasize various fitness components such as muscle strength and endurance, coordination, flexibility, timing, as well as aerobic capacity through the practice of beginning Karate skills and self-defense techniques. This course is designed for both men and women and shall include the basic Karate movements of blocks, stances, and pivots, strikes and punches, kicks, basic KATA (forms) and self-defense techniques. This is a non-contact class, no sparring. This class may be taken four times.
FITNS 413
Okinawan Kobudo 2 Units
Formerly: PER 1
Prerequisite: None
Course Transferable to UC/CSU; UC - see counselor
Hours: 27 hours LEC; 27 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 Iyeku. 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.

FITNS 414
Tai Chi 2 Units
Formerly: PER 1
Prerequisite: None
Course Transferable to UC/CSU; UC - see counselor
Hours: 27 hours LEC; 27 hours LAB
This course examines concepts applicable to mind-body focus, psycho-kinesic imagination and fluidity of movement. It includes Chi Gong techniques for the maintenance of health and vigor. The course shall underscore techniques of stress management and relaxation response. Taoist, Confucian, and Buddhist concepts shall be surveyed for their psycho-physical applications in Tai Chi, Chi Gong, and the martial arts.

FITNS 451
Self-Defense for Women 1.5 Units
Formerly: PER 1
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 18 hours LEC ; 36 hours LAB
This physical education class covers personal safety and defense for women. This course may be taken four times.

FITNS 452
Self-Defense for Men 1.5 Units
Formerly: PER 1
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 18 hours LEC ; 36 hours LAB
This physical education class covers personal safety and defense for men. This course may be taken four times.

FITNS 495
Independent Studies in Fitness 1-3 Units
Formerly: PER 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

FITNS 499
Experimental Offering in Fitness .5-4 Units
Formerly: PER 49
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options

P.E.
Personal Activity (PACT)

PACT 320
Bowling 1 Unit
Formerly: PER 1
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 9 hours LEC ; 27 hours LAB
This course is a coed physical education bowling class at the beginning and intermediate levels. This course may be taken four times.

PACT 353
Golf 1.5 Units
Formerly: PER 1
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 18 hours LEC ; 36 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 392
Tennis 1.5 Units
Formerly: PER 1
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 18 hours LEC ; 36 hours LAB
This course covers basic fundamentals, techniques, rules, and social courtesies of tennis. Instruction in beginning and intermediate skills. This class may be taken four times.

PACT 495
Independent Studies in Personal Activity 1-3 Units
Formerly: PER 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

PACT 499
Experimental Offering in Personal Activity .5-4 Units
Formerly: PER 49
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
### P.E. Team Activity (TMACT)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>TMACT 362</td>
<td>Team Sports</td>
<td>1.5</td>
</tr>
</tbody>
</table>

Formerly: PER 1  
**Prerequisite:** None  
**Course Transferable to UC/CSU:** UC - See Counselor  
**Hours:** 18 hours LEC; 36 hours LAB  
This is an activity course designed to emphasize continued knowledge and skill development in team sports (e.g., basketball, soccer, baseball, softball, tennis, volleyball). This course may be taken four times for credit.

### P.E. Physical Education - Theory (PET)

<table>
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<tr>
<th>Course Code</th>
<th>Description</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>PET 301</td>
<td>Personal Wellness</td>
<td>3</td>
</tr>
</tbody>
</table>

Formerly: PET 2  
**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.
Physics, Physical Science & Astronomy

DEGREES
A.S.—Physics
A.S.—Science, General

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

DEGREE
A.S.—Physics

This degree is designed to meet common lower division requirements for a major in physics.

REQUIRED PROGRAM .......................................................... Units
CHEM 400 (1A) General Chemistry ................................. 5
CHEM 401 (1B) General Chemistry ................................. 5
MATH 400 (9A) Analytic Geometry and Calculus I ............. 5
MATH 401 (9B) Analytic Geometry and Calculus II ............. 5
MATH 402 (9C) Analytic Geometry and Calculus III .......... 5
MATH 420 (11) Differential Equations ............................. 4
PHYS 411 (4A) Mechanics of Solids and Fluids ................. 4
PHYS 421 (4B) Electricity and Magnetism ....................... 4
PHYS 431 (4C) Heat, Waves, Light and Modern Physics ...... 4
TOTAL UNITS REQUIRED .................................................. 41

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

PHYS 310
Conceptual Physics 3 Units
Formerly: PHYS 10
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
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
Formerly: PHYS 11
Prerequisite: None
Advisory: MATH 335 (may be taken concurrently) or high school trigonometry with a grade of “C” or better.
Course Transferable to UC/CSU; UC-See Counselor
Hours: 54 hours LEC
This course is a survey course for science, engineering, mathematics, architecture, and computer science majors who have had no previous physics courses and plan to continue with PHYS 350 or 411. The course will develop the math and science background and the problem-solving skills necessary for success in PHYS 350 or 411. Material covered will include math review, vectors, and basic mechanics (kinematics, Newton’s laws, energy). Students who have taken PHYS 310 cannot get transfer credit for PHYS 311.

PHYS 350
General Physics 4 Units
Formerly: PHYS 5A
Prerequisite: MATH 335, or a high school course in trigonometry or the equivalent. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU; UC-See Counselor
(CAN PHYS 2) (with 360, CAN PHYS SEQ A)
Hours: 54 hours LEC ; 54 hours LAB
This course, the first semester of General Physics, is a transferable course required for life science and other students and may also be taken for general education credit. Materials covered will include classical mechanics (including kinematics, statics, dynamics, Newton’s Laws, energy and momentum conservation, rigid body motion and oscillatory motion), fluid mechanics, mechanical waves (including sound), and thermodynamics.

PHYS 360
General Physics 4 Units
Formerly: PHYS 5B
Prerequisite: PHYS 350. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU; UC-See Counselor
(CAN PHYS 4) (with 350, CAN PHYS SEQ A)
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
Formerly: PHYS 4A
Prerequisite: MATH 400. Grade of “C” or better required to meet prerequisite.
Advisory: Completion of or concurrent enrollment in MATH 401 is recommended.
Course Transferable to UC/CSU; UC-See Counselor
(CAN PHYS 8) (with 421 and 431 CAN PHYS SEQ B)
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. This course is recommended for students studying engineering, physics, chemistry, architecture, and mathematics.

PHYS 421
Electricity and Magnetism 4 Units
Formerly: PHYS 4B
Prerequisite: PHYS 411 and MATH 401. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU; UC-See Counselor
(CAN PHYS 12) (with 411 and 431 CAN PHYS SEQ B)
Hours: 54 hours LEC ; 54 hours LAB
This course examines the fundamentals of electricity and magnetism. Topics include electric and magnetic fields and forces, electric potentials, capacitors and dielectrics, DC and AC circuits, inductance, magnetic materials, Maxwell’s equations, electromagnetic waves, and the operation of general electrical circuit measuring devices including multimeters and oscilloscopes. This is the second course (although PHYS 421 and 431 may be taken in either order) of the calculus-based physics sequence for physical science, engineering, and computer science majors.
### PHYS 431
**Heat, Waves, Light and Modern Physics** 4 Units
Formerly: PHYS 4C
Prerequisite: PHYS 411 and MATH 401. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU; UC-See Counselor
(CAN PHYS 14) (with 411 and 421, CAN PHYS SEQ B)
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 refraction, 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
Formerly: PHYS 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

### PHYS 499
**Experimental Offering in Physics** .5-4 Units
Formerly: PHYS 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options

### Physical Science (PS)

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Units</th>
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<tbody>
<tr>
<td>PS 302</td>
<td>Introduction to Physical Science</td>
<td>4</td>
<td>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.</td>
</tr>
<tr>
<td>PS 495</td>
<td>Independent Studies in Physical Science</td>
<td>1-3</td>
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</tbody>
</table>

### PS 499
**Experimental Offering in Physical Science** .5-4 Units
Formerly: PS 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: 18 hours LEC ; 54 hours LAB
See Catalog under Alternative Credit/Study Options

### Astronomy (ASTR)

<table>
<thead>
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<th>Course Code</th>
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<th>Description</th>
</tr>
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<tbody>
<tr>
<td>ASTR 300</td>
<td>Introduction to Astronomy</td>
<td>3</td>
<td>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.</td>
</tr>
<tr>
<td>ASTR 400</td>
<td>Astronomy Laboratory</td>
<td>1</td>
<td>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.</td>
</tr>
<tr>
<td>ASTR 495</td>
<td>Independent Studies in Astronomy</td>
<td>1-3</td>
<td></td>
</tr>
<tr>
<td>ASTR 499</td>
<td>Experimental Offering in Astronomy</td>
<td>.5-4</td>
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FOLSOM LAKE COLLEGE 2004 - 2005
Political Science

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
Formerly: POLS 1
Prerequisite: None
Advisory: Completion of ENGWR 101 or eligibility for ENGWR 300 is advised.
Course Transferable to UC/CSU (CAN GOVT 2)
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
Formerly: POLS 2
Prerequisite: None
Advisory: Completion of ENGWR 101 or eligibility for ENGWR 300 is advised.
Course Transferable to UC/CSU
Hours: 54 hours LEC
Comparative study and analysis of political systems, ideologies, institutions, policies, cultures, histories, and the development of selected foreign governments. Special emphasis placed on the cultural and social dimensions of political behavior and attitudes in connection with governmental and political practices typical of particular geographical regions. Coverage includes an examination of selected developed and lesser developed nation states from a global perspective.

POLS 310
International Relations 3 Units
Formerly: POLS 10
Prerequisite: None
Advisory: Completion of ENGWR 101 or eligibility for ENGWR 300 is advised.
Course Transferable to UC/CSU
Hours: 54 hours LEC
This is an introduction to international relations and a survey of the nation-state system, techniques of interaction, the issue of war, nationalism, power alignments, international actors, transnational movements, diplomacy, political economy, and perceptions in world politics. Particular emphasis is placed on an analysis of the world outlook of Central and Eastern Europe, Russia, the United States, the major Western Allies, China, and the Lesser Developed World.

POLS 495
Independent Studies in Political Science 1-3 Units
Formerly: POLS 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

POLS 499
Experimental Offering in Political Science .5-4 Units
Formerly: POLS 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
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 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: Communications Media, Early Childhood Education, Human Services, Interdisciplinary Studies, Marketing/Business, Health/Medicine, Consumer Affairs, and the military.

Psychology (PSYC)

**PSYC 300**
**General Principles**
3 Units
Formerly: PSYC 1
Prerequisite: None
Course Transferable to UC/CSU
(CAN PSYC 2)
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. PSYC 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
Formerly: PSYC 2
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 system to produce consciousness, sensation, perception, thinking, motivation and emotion. These areas are 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 are required to perform anatomical identification of brain structures using a sheep’s brain.
PSYC 320
Social Psychology  
3 Units
Formerly: PSYC 3
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
Formerly: PSYC 5
Prerequisite: MATH 120 or MATH 125 or the equivalent. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU; UC-See Counselor
Hours: 54 hours LEC
This course covers the application of descriptive and inferential statistics to experimental and non-experimental findings in psychology and other behavioral sciences from an applied rather than a theoretical perspective.

PSYC 335
Research Methods in Psychology  
3 Units
Formerly: PSYC 4
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 351
Human Behavior  
3 Units
Formerly: PSYC 7
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
Formerly: PSYC 24
Prerequisite: None
Course Transferable to CSU
Hours: 54 hours LEC
Overview of the elements involved in building, maintaining and surviving paired relationships, both traditional and newer partnerships and relationship styles. Includes choosing each other, types of commitment (love, romance, sex and security), dealing with conflict, parenting, crisis and family disorganization, such as starting over, and changes confronting the individual throughout life’s stages. Not open to students who have received credit for FCS 322.

PSYC 356
Human Sexuality  
3 Units
Formerly: PSYC 25
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
Formerly: PSYC 40
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
Formerly: PSYC 28
Prerequisite: None
Course Transferable to UC/CSU
Hours: 54 hours LEC
A course for men and women that highlights the psychological, biological and social influences on the behavior of women.

PSYC 372
Child Development  
3 Units
Formerly: PSYC 34
Prerequisite: None
Course Transferable to UC/CSU; UC-See Counselor
Hours: 54 hours LEC
A survey of human, social, physical and intellectual development from conception through adolescence.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisite</th>
<th>Transferable</th>
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<th>See Catalog under Alternative Credit/Study Options</th>
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<td>Independent Studies in Psychology</td>
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<td>Prerequisite: None</td>
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Real Estate

DEGREE
A.A.—Real Estate

CERTIFICATES
Real Estate Broker
Real Estate Sales

Folsom Lake College offers, in addition to a Real Estate AA Degree, a variety of courses available which satisfy State of California prerequisites for Real Estate Salesperson and Real Estate Broker examinations.

Career Options
Real Estate Agent; Real Estate Broker; Real Estate Appraiser

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

Highlights
Instruction by trained, working real estate professionals
Preparation for State of California real estate license examinations
Training in one of the most lucrative careers in today's world
A lab with tutorial assistance

APPLICANTS FOR THE REAL ESTATE SALESPERSON EXAM
To qualify to take an examination for a Real Estate Salesperson License, an applicant must submit evidence (transcripts) of having completed a college-level course in Real Estate Principles.

In addition to Real Estate Principles the applicant must also (either when qualifying for the examination, when applying for the original license or within eighteen months after license issuance) submit evidence of having completed TWO additional basic real estate courses from the following FLC course offerings. (It is recommended that Real Estate Practice be one of the courses selected.)

• Accounting 301 (1A)
• Business Law 340 (18A)
• Introduction to Escrow Procedures
• Legal Aspects of Real Estate
• Real Property Management
• Real Estate Appraisal
• Real Estate Economics
• Real Estate Finance
• Real Estate Practice

APPLICANTS FOR THE REAL ESTATE BROKER EXAMINATION
An applicant for the Broker examination must have completed eight college-level courses, in addition to the experience/educational requirements. These eight courses should include the following FLC course offerings:

• Real Estate Principles
• Real Estate Practice
• Legal Aspects of Real Estate
• Real Estate Finance
• Real Estate Appraisal
• Real Estate Economics or Accounting 301 (1A)
• and two courses from the following group: *
  • Business Law 340 (18A)
  • Real Property Management
  • Introduction to Escrow Procedures
  • Advanced Appraisal

* If applicant completes both Accounting and Real Estate Economics, only one additional course is required.
DEGREE

A.A.—Real Estate

REQUIRED PROGRAM ......................................................... Units

Business Core:
ACCT 301 (1A) Financial Accounting ........................................... 4
BUS 310 (8) Business Communication ........................................... 3
BUS 330 (15) Managing Diversity in the Workplace ....................... 3
BUS 340 (18A) Business Law ...................................................... 3
BUS 300 (20) Introduction to Business .......................................... 3
BUSTEC 302 (41) Computer Keyboarding ..................................... 2
MKT 300 (20) Principles of Marketing .......................................... 3
CISC 310 (CIS 3) Intro to Computer Information Science or
CISC 300 (CIS 1) Computer Familiarization - (1 unit) and
Two (2) additional units selected from:
CISA 300 (CIS 11A), CISA 350 (CIS 12A), CISA 320 (13A),
CISC 320 (14A), CISA 340 (15A), CISC 350 (CIS 16A),
CISA 330 (17A), CISA 350 (18A)

Plus three (3) units selected from the following:
ECON 302 (1A) Principles of Macroeconomics or
ECON 320 (14)/BUS 320 (14) Concepts of Personal Finance or
ECON 100 (55) Introduction to Economics .................................. 3

Real Estate Option:
RE 300 (19) Principles of Real Estate .......................................... 3
RE 110 (81) Legal Aspects of Real Estate ..................................... 3
RE 120 (82) Real Estate Practice ................................................ 3
RE 130 (83) Real Estate Finance .................................................. 3
RE 140 (84) Real Estate Appraisal ............................................... 3
RE 190 (95) Real Property Management ...................................... 3

TOTAL UNITS REQUIRED ....................................................... 45

Suggested Electives:
MKT 310 (22), MGMT 362 (24);
RE 150 (85), 160 (86), 161 (87), 141 (94).

CERTIFICATE

Real Estate Broker

REQUIRED PROGRAM ......................................................... Units

RE 300 (19) Principles of Real Estate .......................................... 3
RE 110 (81) Legal Aspects of Real Estate ..................................... 3
RE 120 (82) Real Estate Practice ................................................ 3
RE 130 (83) Real Estate Finance .................................................. 3
RE 140 (84) Real Estate Appraisal ............................................... 3
RE 190 (95) Real Property Management ...................................... 3
ACCT 301 (1A) Financial Accounting .......................................... 3-4
RE 190 (95) Real Property Management ...................................... 3

Plus three (3) units selected from the following: ......................... 3
RE 160 (86), 161 (87), 141 (94); BUS 340 (18A)

TOTAL UNITS REQUIRED ....................................................... 24-25

CERTIFICATE

Real Estate Sales

REQUIRED PROGRAM ......................................................... Units

RE 300 (19) Principles of Real Estate .......................................... 3
RE 120 (82) Real Estate Practice ................................................ 3

Plus three (3) units selected from: .............................................. 3
RE 110 (81), 130 (83), 140 (84) or 190 (95)

TOTAL UNITS REQUIRED ....................................................... 9

Real Estate (RE)

RE 110
Legal Aspects of Real Estate .................................................. 3
Formerly: RE 81
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
Formerly: RE 82
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
towards California Department of Real Estate Education requirement
for the broker’s examination.

RE 130
Real Estate Finance ............................................................... 3
Formerly: RE 83
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
Formerly: RE 84
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
Formerly: RE 94
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
Formerly: RE 85
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
Formerly: RE 86
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
Formerly: RE 87
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
Formerly: RE 95
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
Formerly: RE 99I
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

RE 299
Experimental Offering in Real Estate .5-4 Units
Formerly: RE 99
Prerequisite: None
Hours: Variable
See Catalog under Alternative Credit/Study Options

RE 300
California Principles of Real Estate 3 Units
Formerly: RE 19
Prerequisite: None
Course Transferrable 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
Formerly: RE 49I
Prerequisite: None
Course Transferrable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

RE 499
Experimental Offering in Real Estate .5-4 Units
Formerly: RE 49
Prerequisite: None
Course Transferrable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
Science

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 four-year institutions.

DEGREE
A.S.—Science, General

This degree is designed to meet common lower division requirements for a general science major.

REQUIRED PROGRAM.................................................................... Units
Eighteen (18) units of transfer level course work in science. Two laboratory courses must be included: one in the physical sciences and one in the biological sciences. Courses may be selected from Astronomy, Biology, Chemistry, Geology, Natural Resources, Physical Geography, Physical Anthropology, Physics, and Physical Science.

TOTAL UNITS REQUIRED ....................................................... 18
PRE-PROFESSIONAL HEALTH SCIENCE EDUCATION

Students planning to attend a dental, medical, veterinary or optometry school are not required to complete a prescribed undergraduate major. Many students have the misconception that “pre-dental,” “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
4. other courses required for the chosen specialty, i.e., dental, medical, optometry, and/or veterinary.

The basic core courses are:

- BIOL 400 (1A), 420 (3)
- CHEM 400 (1A), 401 (1B)
- ENGW 300 (ENGL 1A), 301 (ENGL 1B), 302 (ENGL 1C)
- PHYS 350 (5A), 360 (5B)
- MATH 335 (20), 350 (16A)
- ENGL 207 (2)

(or high school equivalent)

Pre-Dental

Although a student may be admitted to a dental school upon completion of 90 units, a baccalaureate degree is recommended. A student should have at least a 3.0 GPA. The Dental Aptitude Test (DAT) is a requirement.

In addition to the basic core courses, the required PSYC 300 (1) and 320 (3) and a minimum of 12 units of social sciences, humanities, and foreign languages may be completed at Folsom Lake College.

Pre-Medical

Although a student may be admitted to a medical school upon completion of 90 units, a baccalaureate degree is recommended. The usual stated minimum GPA is 2.5. In reality, a student with a GPA below 3.0 is almost never accepted, and it is rare to be admitted with a GPA below 3.4. The Medical College Admission Test (MCAT) is a requirement.

In addition to the basic core courses, the required MATH 350 (16A) and 351 (16B) and a full year of organic chemistry [CHEM 420 (12A) and 421 (12B)] may be completed at Folsom Lake College.

Pre-Optometry

Although a student may be admitted to an optometry school upon completion of 90 units, a baccalaureate degree is recommended. The usual stated minimum GPA is 2.0; however, a more realistic minimum is a 3.0 GPA. The Optometry College Admission Test (OCAT) is a requirement.

In addition to the basic core courses, other courses such as BIOL 440 (6), 430 (25), 431 (26); MATH 350 (16A), 351 (16B); PSYC 300 (1); STAT 300 (1); humanities courses and social science classes may be required. Please check with your counselor. These courses can be completed at Folsom Lake College.

Pre-Veterinary

It is extremely difficult to gain admission to a veterinary school without being a resident of the state in which the school is located. A California resident, therefore, is virtually restricted to attending the University of California School of Veterinary Medicine at Davis.

Although a student may be admitted to the School of Veterinary Medicine upon completion of 90 units, a baccalaureate degree is recommended. A student with a 2.5 GPA may be considered for admission; however, rarely is a student admitted with a GPA below 3.0. Experience with animals is given heavy consideration. The Graduate Record Examination General Aptitude Section and Advanced Test in Biology are requirements.

In addition to the basic core courses, the required STAT 300 (1) may be completed at Folsom Lake College.

Pre-Physical therapy

Students may take general education and a basic core of prerequisite courses at Folsom Lake College and transfer to California State University, Fresno, Long Beach or Northridge. Admission into a physical therapy program is very competitive with great weight given to relevant work experience and grade point average earned in the prerequisite courses. Because admission requirements vary among the programs, students are advised to work closely with a counselor to plan for the completion of work experience, general education and a core of basic program courses. Many Physical Therapy programs will be offered at the Master's Degree level only. Check with the counseling department.

The core courses may include:

- BIOL 400 (1A), 420 (3), 430 (25), 431 (26)
- CHEM 400 (1A), 401 (1B) or CHEM 307 (2A), 308 (2B)
- PHYS 350 (5A), 360 (5B)
- PSYC 300 (1)

Pre-Nursing Option, see Biology
Sign Language Studies

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

Sign Language Studies (SILA)

SILA 305
American Sign Language 1 4 Units
Formerly: SILA 1
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
Formerly: SILA 2
Prerequisite: SILA 305. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 72 hours LEC
This is the second in a series of four courses in American Sign Language. The emphasis is on non-verbal communication. Topics presented include grammatical features such as descriptors, differentiation between cardinal/ordinal numbers, contrastive structure, temporal aspect markers and temporal sequencing.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisite</th>
<th>Corequisite</th>
<th>Hours:</th>
<th>Notes</th>
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<td>SILA 315</td>
<td>American Sign Language 3</td>
<td>4</td>
<td>Formerly: SILA 3</td>
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<td>Prerequisite: SILA 306. Grade of “C” or better required to meet prerequisite.</td>
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<td>Course Transferable to UC/CSU</td>
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<td>Hours: 72 hours LEC</td>
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<td>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.</td>
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<tr>
<td>SILA 316</td>
<td>American Sign Language 4</td>
<td>4</td>
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<td>Prerequisite: SILA 315. Grade of “C” or better required to meet prerequisite.</td>
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<td>Course Transferable to UC/CSU</td>
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<td>Hours: 72 hours LEC</td>
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<td>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.</td>
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<td>SILA 345</td>
<td>Fingerspelling</td>
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<td>Prerequisite: None</td>
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<td>Corequisite: SILA 305. Grade of “C” or better required to meet corequisite.</td>
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<td>Course Transferable to CSU</td>
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<td>Hours: 18 hours LEC ; 9 hours LAB</td>
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<td>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.</td>
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<tr>
<td>SILA 495</td>
<td>Independent Studies in Sign Language Studies</td>
<td>1-3</td>
<td>Formerly: SILA 49I</td>
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<td>Prerequisite: None</td>
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<tr>
<td>SILA 499</td>
<td>Experimental Offering in Sign Language Studies</td>
<td>.5-4</td>
<td>Formerly: SILA 49</td>
<td></td>
<td></td>
<td>Prerequisite: None</td>
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<td>Course Transferable to CSU</td>
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<td>Hours: Variable</td>
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<td>See Catalog under Alternative Credit/Study Options</td>
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Folsom Lake College offers classes for the 21 units of coursework in the following areas: anthropology, economics, geography, history, philosophy, political science, psychology, social science, or sociology. Students who wish to transfer to a four-year college or university should plan their programs to meet general education and lower division major requirements. All students are encouraged to consult with a counselor.

Career Options
- Instructor; Social Worker; Researcher;
- Criminal Justice; Social Services;
- Business and Corporate employment

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

Highlights
- Opportunities to build a foundation for interdisciplinary studies
- Overview of theoretical, methodological, analytical, and cultural principles

DEGREE
A.A.—Social Science

This degree is designed to meet common lower division requirements for a major in one of the social sciences. Students should check the transfer requirements for the college and specific major to which they wish to apply.

REQUIRED PROGRAM ................................................................. Units
Twenty-one (21) units must be completed from any three different subject areas listed below:

Program subject areas:
Anthropology, Economics, Geography 310 (2), History, Political Science, Psychology, Social Science, and Sociology.

This degree enables the student to experience a wide range of diverse social science disciplines. To verify the transferability of specific courses and their university application, please consult your FLC counselor.

TOTAL UNITS REQUIRED ....................................................... 21
Social Science (SOCSC)

SOCSC 338
Native Peoples of North America 3 Units
Formerly: SS 45
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
Formerly: SS 16
Prerequisite: None
Course Transferable to UC/CSU
Hours: 54 hours LEC
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. Emphasis is placed on 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 is not to be taken in place of BUS 340 when required. Not open to students who have received credit for BUS 345.

SOCSC 495
Independent Studies in Social Science 1-3 Units
Formerly SS 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

SOCSC 499
Experimental Offering in Social Science .5-4 Units
Formerly: SS 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
Sociology

Folsom Lake College offers courses in the study of human behavior in society. The discipline is 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
Well-trained and interesting instructional staff

Sociology (SOC)

SOC 300
Introductory Sociology 3 Units
Formerly: SOC 1A
Prerequisite: None
Course Transferable to UC/CSU
(CAN SOC 2)
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
Formerly: SOC 1B
Prerequisite: None
Course Transferable to UC/CSU
(CAN SOC 4)
Hours: 54 hours LEC
This course is a survey of social problems in American society. It will examine their causes and evaluate proposed solutions. A special emphasis will be placed on local issues.

SOC 310
Marriage and the Family 3 Units
Formerly: SOC 3
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
Formerly: SOC 5
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  
Formerly: SOC 22  
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  
Formerly: SOC 491  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

### SOC 499  
**Experimental Offering in Sociology**  
.5-4 Units  
Formerly: SOC 49  
Prerequisite: None  
Course Transferable to UC/CSU; UC - See Counselor  
Hours: Variable  
See Catalog under Alternative Credit/Study Options
Spanish

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
- Oral Proficiency Certification in Spanish

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.

Spanish (SPAN)

SPAN 101
Conversational Spanish, Elementary 3 Units
Formerly: SPAN 50A
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
Formerly: SPAN 50B
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 SPAN 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 SPAN 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
Formerly: SPAN 42A
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 SPAN 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 SPAN 102. Students will continue acquisition of knowledge of geography, culture and people of regions where Spanish is spoken and of Spanish-speakers’ contributions to North American and world cultures. This course will consist of one hour of lecture and two hours of laboratory work conducted in the classroom each week and one hour of laboratory work conducted in the Language Laboratory each week.

SPAN 312
Conversational Spanish, Intermediate 2 Units
Formerly: SPAN 42B
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 SPAN 311 or four years of high school Spanish. It provides continued development of skills attained in SPAN 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
Formerly: SPAN 1A
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
Formerly: SPAN 1B
Prerequisite: SPAN 401 or equivalent. Grade of “C” or better required to meet prerequisite.
Course Transferable to UC/CSU
Hours: 54 hours LEC ; 54 hours LAB
This is second semester Elementary Spanish. It is designed for students who have completed SPAN 401 or two years of high school Spanish. It provides refinement of skills begun in SPAN 401. Students will gain increased accuracy and ability to understand and produce appropriate responses in high-frequency situations utilizing learned materials. Speaking and writing will be comprehensible to a sympathetic listener. Verbal and written expression will be limited to short, culturally appropriate communication on a broader scale than at the SPAN 401 level. Students will acquire a knowledge of the geography, culture and people of regions where Spanish is spoken and of Spanish-speakers’ contribution to North American and world cultures.
SPAN 411  
Intermediate Spanish  
4 Units  
Formerly: SPAN 2A  
Prerequisite: SPAN 402 or equivalent. Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU  
(CAN SPAN 8)  
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 SPAN 402. Students will work toward the ability to create with the language without relying on learned responses, to understand main ideas in routine speech and to understand main ideas in written texts. Listening and reading comprehension continue to develop; speaking and writing will be comprehensible to a somewhat sympathetic native speaker. Students will develop the ability to respond in an unrehearsed manner on concrete topics in known situations. Written expression will meet limited personal needs and culturally appropriate language at a higher level of accuracy than found in SPAN 402. The student will continue acquisition of knowledge of geography, culture and people of regions where Spanish is spoken and of Spanish-speakers’ contributions to North American and world cultures.

SPAN 412  
Intermediate Spanish  
4 Units  
Formerly: SPAN 2B  
Prerequisite: SPAN 411. Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU  
Hours: 54 hours LEC ; 54 hours LAB  
This is second semester Intermediate Spanish. It is designed for students who have completed SPAN 411 or four years of high school Spanish. It provides continued development of skills attained in SPAN 411. The focus will be the development of written narratives and expository prose combined with increased cultural awareness. Emphasis will be on culturally authentic reading and writing through the introduction of basic literary analysis. Students will develop the ability to handle complicated situations using past and future time frames. Students will continue acquisition of knowledge of geography, culture and people of regions where Spanish is spoken and of Spanish-speakers’ contributions to North American and world cultures.

SPAN 425  
Advanced Reading and Conversation  
3 Units  
Formerly: SPAN 35  
Prerequisite: SPAN 402. Grade of “C” or better required to meet prerequisite.  
Course Transferable to UC/CSU  
Hours: 54 hours LEC  
Advanced reading and conversation in Spanish with emphasis on building vocabulary and review of grammar. Introduction to literature of the Hispanic world. May be taken two times for credit.

SPAN 434  
Spanish for the Professions - Intermediate  
3 Units  
Formerly: SPAN 52A  
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  
Formerly: SPAN 49I  
Prerequisite: None  
Course Transferable to CSU  
Hours: Variable  
See Catalog under Alternative Credit/Study Options

SPAN 499  
Experimental Offering in Spanish  
.5-4 Units  
Formerly: SPAN 49  
Prerequisite: None  
Course Transferable to UC/CSU; UC - See Counselor  
Hours: Variable  
See Catalog under Alternative Credit/Study Options
Student Government

These courses are designed for those students elected to student government positions. The Associated Student Government is recognized as the voice of students. Those enrolled in this program have a variety of opportunities to serve on the Student Senate, and/or various college committees.

Highlights
- Develop leadership skills by working with student activities, student government, and the inter-club council
- Participate on college committees to help develop and determine policy as it relates to student issues
- Represent the student voice to the campus and community

Student Government (SGVT)

SGVT 300
Introduction to Student Government
Formerly: SGVT 1
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
Formerly: SGVT 49I
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

SGVT 499
Experimental Offering in Student Government
Formerly: SGVT 49
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options
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
Formerly: TA 1
Prerequisite: None
Course Transferable to UC/CSU
Hours: 54 hours LEC
This class surveys the literary, cultural and historical aspect of theatre arts. It is an audience oriented, non-performance theatre arts course open to all students.

**TA 340**
Beginning Acting
Formerly: TA 13
Prerequisite: None
Course Transferable to UC/CSU
Hours: 36 hours LEC ; 54 hours LAB
This course introduces the student to the basic art and craft of acting. Basic exercises in voice and diction, movement, and character will be utilized.
TA 494
Topics in Theatre Arts .5-4 Units
Formerly: TA 42
Prerequisite: None
Course Transferable to CSU
Hours: Variable
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
Formerly: TA 491
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

TA 498
Work Experience in Theatre Arts 1-4 Units
Formerly: TA 48
Prerequisite: None
Course Transferable to CSU
Hours: Variable
See Catalog under Alternative Credit/Study Options

TA 499
Experimental Offering in Theatre Arts .5-4 Units
Formerly: TA 49
Prerequisite: None
Course Transferable to UC/CSU; UC - See Counselor
Hours: Variable
See Catalog under Alternative Credit/Study Options
Co-operative 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
Culinary Arts Management
Early Childhood Education
Environmental Technology
Fire Technology
Horticulture
Human Services
Management
Marketing
Photography
Theatre Arts
Veterinary Technology

General Work Experience (198):

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

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

- Register for “General Work Experience” (Work Experience 198), and attend weekly career management class.

Co-op Work Experience (198/298/498)
Co-op has two different ways to qualify for the program:

**New (1st Time Co-op) Students:**
A. You are working a paid or non-paid job, internship, or volunteer opportunity.
B. You must attend the class that meets each week. This class will cover workforce/career transition issues.
C. Your grade and units are earned based on your performance in the workplace (developing new skills) and classroom assignments.

**Returning Students:**
A. You have completed a Co-op class at FLC.
B. You are working a paid or non-paid job, internship, or volunteer opportunity.
C. 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.
D. Your grade and units are earned based on your work performance and outside homework assignments that emphasize career transition.

For more information, call 916-608-6626.

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**Work Experience (WEXP)**

**WEXP 198**
Work Experience - General 1-3 Units
Formerly: WEXP 97
Prerequisite: None
Hours: Variable

**WEXP 298**
Work Experience in (Subject) 1-4 Units
Formerly: WEXP 98
Prerequisite: None
Hours: Variable

**WEXP 498**
Work Experience in (Subject) 1-4 Units
Formerly: WEXP 48
Prerequisite: None
Course Transferable to CSU
Hours: Variable
COLLEGE ADMINISTRATION

President, ........................................................................................................................................................... Thelma Scott-Skillman
Vice President, Administration ........................................................................................................................................ Kathleen Kirklin
Vice President, Instruction ......................................................................................................................................... Susan L. Lorimer
Dean, Instruction, Folsom Lake .............................................................................................................................. Rod Tarrer, Interim
Dean, Instruction, El Dorado ......................................................................................................................................... Richard Booth
Dean, Learning Resources, Instruction & Technology ................................................................................................ Kristi Church
Dean, Student Development & Enrollment Management ....................................................................................... Victoria C. Rosario

DEGREES
ADMINISTRATION & FACULTY

ALEXANDER, John E. (1997) ............................................................... Instructional Programs Coordinator and English Instructor
B.A., Ohio State University; M.A., CSU, Sacramento

ANAYAH, Bernadette M. (2002) ............................................................. ESL
B.A., Trinity College, Dublin, Ireland; M.A., CSU San Francisco

BAKER, James B. (1991) .............................................................................................................................. Communications Media
A.A., Santa Rosa Junior College; B.A., CSU, Sonoma; M.Ed., University of Nevada\Reno

BECKMAN, Karen L. (1973) ................................................................. Physical Education
B.A., M.A., CSU, Sacramento

BOND, Michelle (2003) ........................................................................................................................................... Counselor
B.A., M.S.-CSU, Sacramento

BOOTH, Richard (2003) ...................................................................................................................................... Dean, Instruction
B.A., UC Santa Barbara; M.A., San Diego State University; M.A., University of Birmingham (UK);
M.F.A., University of Southern California

BOYLAN, KC (2001) ........................................................................................................................ Communication Studies
A.A., American River College, B.A., CSU, Sacramento; M.A., CSU, Chico

CHIANG, Michelle (2001) .................................................................................................................................... Mathematics
B.A., UC Berkeley; MAT, UC Davis

CHURCH, Kristi P. (1998) .................................................................................................................. Interim Dean, Instruction & Information Technology and CIS Instructor
B.A., M.A., Chapman University

COFFMAN, Curtis D. (1998) .................................................................................................................. Biology
B.S., M.S., Ball 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

DOWELL, Zachary (2001) ........................................................................................................ Instructional Design & Development Coordinator

ELLERMAN, C. Howell (2003) ................................................................................................................ Business
A.B., Occidental College; J.D., Loyola School of Law

EITEL, Joseph E. (1997) ........................................................................................................................ Mathematics
M.A., Fresno Pacific University

FLETCHER, Frances (2001) ................................................................................................................ English
A.A., Cosumnes River College; B.A., M.A., CSU, Sacramento
B.S., Carleton College; M.S., Ph.D., UC, San Diego

FOWLER, Lynn (2003) ............................................................... Counselor, Articulation & Transfer
A.A., Sierra College; B.A., M.S., CSU, Long Beach

B.S., UC, Davis; M.A., Sacramento State College

GERMANY, Talver J. (1989) .......................................................... Counselor
B.A., M.S., CSU, Sacramento

GREENE, Calvin D. (1992) .......................................................... Mathematics
B.S., Louisiana State University; M.S., M.A., UC, Davis

HARRELL, Kimberly (2001) .......................................................... Physical Education
B.A., M.A., UC, Davis

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

HOEY, Michael D. (1976) ............................................................... Real Estate/Horticulture
B.S., M.S., California Polytechnic State University

HWANG, Eunyoung (2000) .......................................................... Art
B.A., Wagner College; M.F.A, West Texas A&M; M.A., University of North Texas

JENSEN, Wayne (2001) ................................................................. Mathematics
A.S., American River College; B.A. CSU, Sacramento; M.A., University of Colorado

JIMENEZ, Regina A. (1990) ............................................................. Librarian
B.A., CSU, Sonoma; M.L.S., UC, Berkeley

JONES, Janis Cox (1983) ............................................................... English
B.A., M.A., Stanford University; Ph.D., Union Institute and University

KIRKLIN, Kathleen (1987) ............................................................ Vice President for Administration
B.A., National University; M.B.A., Golden Gate University

KRAEMER, Jennifer L. (2002) ..................................................... Early Childhood Education
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
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. (2004) ....................................................... 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

MALLOY, Linda W. (1985) .......................................................... English/Reading/Writing
B.A., UC, Berkeley; M.A., CSU, San Francisco

McCLINTOCK, Robert (2000) .................................................... Computer Information Science
B.A., B.M., M.A., CSU, Sacramento

MOLINA-KANAÉ, Martina (2003) .............................................. Counselor
B.A., M.S., University of La Verne

MONTGOMERY, Tammy L. (1997) ............................................. Humanities/Philosophy
AA., 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

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

PIETROMONACO, Dean (2000) ................................................................. Mathematics
  M.A., UC, Davis

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., UC, Davis

ROBINSON, Brian (2000) ......................................................................... English
  B.A., M.A., CSU, Sacramento

ROGERS, Sherry M. (1996) ....................................................................... Biology
  B.S., M.A., UC, Riverside

ROSARIO, Victoria C. (2000) ................................................................. Dean, Student Development & Enrollment Management
  M.S., CSU, Long Beach

ROSS, Daniel G. (1999) ............................................................................ Computer Science Engineering
  B.S.M.E., CSU, Fresno; M.S.B.M.E., M.S.C.S., CSU, Sacramento

SAYAGO, Marisa (1999) ............................................................................. Art
  B.F.A., W. Texas A&M University; M.F.A., University of No. Texas

SCOTT, Margaret (1999) ......................................................................... Instructional Programs Coordinator and Psychology Instructor
  A.S., West Valley College; B.S. San Jose State; M.A., CSU, Sacramento

SCOTT-SKILLMAN, Thelma (1998) ............................................................ President
  B.A., M.S., CSUS, Hayward; Ed.D, Nova University

  B.B.A., M.B.A., M.S.-Ed., National University, Sacramento

SMITH, Carolyn (2000) ........................................................................ Business Management
  M.A., National University

SMITH, Ellen C. (2000) ........................................................................... Counselor
  A.A., San Francisco City College; B.A., University of San Francisco; M.S., CSU, Sacramento

SNELL, Kenneth L. (1987) ..................................................................... Psychology
  A.A., Golden West College; B.A., M.S., CSU, Fullerton; M.A., CSU, Sacramento

TARRER, Rod (2001) ................................................................................ Interim Dean, Instruction
  A.A., Cuesta College; B.S., Cal Poly; M.A., Sacramento State University

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 (1999) ............................................................................. Librarian
  B.S., Morningside College; M.L.S., San Jose State University

TORREZ, Matt (2001) ............................................................................. Physical Education
  B.S., M.A., CSU, Fresno

VAN ROOYAN, Barbara A. (1991) .............................................................. Counselor
  B.A., UC, Berkeley; M.S., University of LaVerne

WILLSON, Jamie G. (1990) ................................................................. Physical Education/Computer Information Science
  B.A., CSU, Chico; M.A., M.S., CSU, Sacramento
CLASSIFIED STAFF
Folsom Lake College

Alcazar, David
Custodial Services

Anderson, Amber
Instructional Services

Anderson, James “Andy”
Receiving

Barnes, Kathy A.
Duplicating/Mailroom Services

Black, Kathleen
V.P. Office/Instructional Services

Blair, Laurel
Business Services

Boswell, Eddie
Custodial Services

Cody, Ozola
Distance Education/ITFS

Coykendall, Michelle
Learning Resources

Crow, A. Scott
Public Information Office

Flores, Ruth
Student Services/Outreach/Early Alert

Franco, Rochelle
Admissions & Records

George, Tanya
Learning Resources

Harman, Joany
Business Services

Heiland, Joyce
Student Services – Rancho Cordova

Hill, Ward
Distance Education/ITFS

Johnson, Colleen
College Operations

Lewis, Jeff
Information Technology Services

Lucero-Ruiz, Yolanda
Financial Aid

Melton, Karen
Business Services

Meroux, Linda A.
Instructional Support Services

Miller, Travis
Maintenance

Mulligan, Robert
Bookstore

Murphy, Ben
Police Services

Neklason, Judy
Admissions & Records

Olson, Mike
Police Services

Rauser, Sally
Assessment/Matriculation/Orientation

Rocco, Deborah
Child Development Center

Sah, Tasneem
Disabled Student Programs and Services

Schneider, Marian A.
Instructional Services

Small, Kim
Learning Resources

Sprinkel, Beth
President’s Office

Taylor-Bryan, Suzanne
Counseling Services

Vannoy, Millie
Information Technology Services

Whitney, Deborah A.
Child Development Center

Williams, Angie
Learning Resources

Wofford, Edgar
Custodial Services

Wurzer, Christine
Admissions & Records
El Dorado Center

Aldea, Sarah
Student Services/Outreach & Tutoring Services

Davis, Jan
Administrative Services

Erickson, Diana
Administrative Services

Falls, Bev
Student Services

Gilligan, Bob
Maintenance

Gore, Ed
Custodial Services

Haney, Brenda
Business Services

Hemmenway, Tracy
Student Services

Jackson, Don
Police Services

Jennings, Gina
Instructional Support Services

Langford, Becky
Bookstore

List, Gayle
Learning Resources

Montez, Dominic
Custodial Services

Morris, Roger
Instructional Support Services

Riedell, Kim
Extended Opportunity Programs and Services/CalWORKs

Rigsby, John
Police Services

Shane, Vonnie
Administrative Services

Takemoto, Darren
Instructional Support Services

Tikhonov, Inna
Assessment/Matriculation/Orientation

Vanegas, Clementina
Custodial Services

Zwerenz, Kim
Instructional Support Services
## Course Renumbering Guide

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