



FOLSOM LAKE COLLEGE
EL DORADO CENTER | RANCHO CORDOVA CENTER



CELEBRATING
10 YEARS OF
SUCCESS



2014-2015
CATALOG

\$3.00



2014 - 2015 ACADEMIC CALENDAR

SUMMER 2014 SESSION: June 9, 2014 to August 6, 2014

June 9	Instruction begins
June 20	Last day to petition for graduation/certification
July 4	Holiday - Independence Day (no classes, offices closed)
August 6	End of session

FALL 2014 SEMESTER: August 23, 2014 to December 18, 2014

August 23	Instruction officially begins
September 1	Holiday - Labor Day (no classes, offices closed)
October 3	Last day to petition for graduation/certification
November 11	Holiday - Veterans Day (no classes, offices closed)
November 27-30	Thanksgiving Recess (no classes, offices closed)
December 18	End of semester
December 19, 2014 - January 16, 2015	Semester break (no classes)

SPRING 2015 SEMESTER: January 17, 2015 to May 20, 2015

January 17	Instruction officially begins
January 19	Holiday - Martin Luther King, Jr.'s Birthday (no classes, offices closed)
February 13	Holiday - Lincoln's Birthday (no classes, offices closed)
February 16	Holiday - Washington's Birthday (no classes, offices closed)
March 6	Last day to petition for graduation/certification
March 30 - April 5	Spring recess (no classes)
May 20	End of semester

IMPORTANT PHONE NUMBERS

Main Folsom Campus

Admissions & Registration	(916) 608-6500
Assessment	(916) 608-6573
Business Services	(916) 608-6549
CalWORKs	(916) 608-6638
Computer Lab	(916) 608-6702
Counseling	(916) 608-6510
DSPS	(916) 608-6611
EOP&S/CARE	(916) 608-6560
Financial Aid	(916) 608-6646
Health & Wellness Services	(916) 608-6782
Library	(916) 608-6613
Reading & Writing Center	(916) 608-6517
Tutoring	(916) 608-6814
Veterans Resource Center	(916) 608-6898

El Dorado Center

Admissions & Registration	(530) 642-5644
Assessment	(530) 642-5649
Computer Lab	(530) 642-5689
Counseling	(530) 642-5645
DSPS	(530) 642-5630
English Center	(530) 642-5686
EOP&S/CARE	(530) 642-5648
Financial Aid	(530) 642-5651
Library	(530) 642-5695
Tutoring	(530) 642-5627

Rancho Cordova Center

Main Office	(916) 255-0717
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FOLSOM LAKE COLLEGE
EL DORADO CENTER
RANCHO CORDOVA CENTER

2014-2015 Catalog

Folsom Lake College
10 College Parkway
Folsom, CA 95630
(916) 608-6500
www.flc.losrios.edu



LOS RIOS
COMMUNITY
COLLEGE
DISTRICT

Los Rios Community College District
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How to Use This Catalog

An Important Resource

This college catalog is a vital resource for you as a Folsom Lake College student. Please make sure to spend some time becoming familiar with the information in this catalog - it can become a key tool in your academic success.

This catalog is organized into three main sections:

1. Information about registering for classes, financial aid and other student service programs, transfer/graduation guidelines, and important regulations and policies.
2. Information about classes, degrees, and certificates.
3. General information, including campus maps, faculty/administrator biographical details, and a comprehensive index.

Changes

It's important to keep in mind that policies and regulations are subject to change. Many of these changes are dictated by the State of California or federal agencies. This catalog captures the latest information as of March 2014, but changes happen on a regular basis. For updated information, be sure to visit the college website at www.flc.losrios.edu.

Addenda

If there are significant changes - such as new courses/programs or important regulations - Folsom Lake College will publish a catalog addendum. If addenda are published, they will typically appear in June and November.

Please visit www.flc.losrios.edu/academics/catalog to see if an addendum has been published for this catalog. Addenda are also available in the FLC Bookstores and Admissions & Records offices.

Career Tech Program Changes

Please be aware the required courses for Career Technical Education programs are subject to change due to state, regional, and federal agencies. It's important to meet with a counselor to stay on top of any potential changes to these programs.

About this Catalog

The Los Rios Community College District and Folsom Lake College have made every effort to determine that everything stated in this catalog is accurate. Courses and programs offered, together with other matters contained herein, are subject to change without notice by the Administration of the Los Rios Community College District and Folsom Lake College for reasons related to student enrollment, level of financial support, or for any other reason, at the discretion of the District and the College. The District and the College further reserve the right to add, amend, or repeal any of their rules, regulations, policies, and procedures.

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A Message from the President



Dr. Rachel Rosenthal
President,
Folsom Lake College

On behalf of our faculty, staff and managers, I want to welcome you to Folsom Lake College. This catalog includes information on how to enroll; detailed specifics on the college's many programs, degrees, and certificates; and general information regarding the support services offered.

Folsom Lake College (FLC) is a comprehensive community college and is proud to serve the higher educational needs of residents of eastern Sacramento County and western El Dorado County along the Highway 50 corridor from Rancho Cordova to Placerville. Folsom Lake College's faculty, staff and managers are committed to academic excellence and helping you achieve your educational goals, whether they are transferring to a four-year college or university, obtaining an Associate's Degree or certificate, training to enhance employment, or building your skills in preparation for college level coursework.

Thanks to the generous support of local and state voters, construction projects will be in progress at all three college sites during the 2014-2015 academic year. At the college's main campus in Folsom, a new 30,000 square foot gymnasium will be completed in spring 2015. At the college's El Dorado Center, the Student Center will be expanded to provide a larger meeting space for students to gather.

Perhaps the most exciting construction project is a new building for the Rancho Cordova Center. Classes are currently offered in a leased facility and construction of the new facility has begun. This new facility's expected completion is in summer 2015, and will greatly enhance the college's ability to serve the Rancho Cordova community.

Use this catalog as a resource. Explore the college's courses, programs, and degrees. Consider getting involved beyond the classroom. Join a student organization and get leadership experience, tryout for intercollegiate sports, take advantage of our top-notch regional visual and performing arts center, Harris Center for the Arts. Folsom Lake College is "Your Bridge to Success!"

Thank you for considering Folsom Lake College and I wish you much success as you pursue your educational goals.

A handwritten signature in cursive script that reads "Rachel Rosenthal".

Dr. Rachel Rosenthal
President
Folsom Lake College

About Folsom Lake College

Los Rios Community College District (LRCCD)

Folsom Lake College is a member of the Los Rios Community College District. The Los Rios Community College District is one of the nation's most respected learning institutions and the second-largest community college district in California, serving the greater Sacramento region. Los Rios includes: American River, Cosumnes River, Folsom Lake and Sacramento City colleges; five major education and outreach centers; and specialized workforce and economic development programs for regional businesses, governments and organizations. Los Rios colleges offer AA/AS degrees, certificates and transfer-education opportunities in more than 70 career fields. The district's 2,400-square mile service area includes all of Sacramento and El Dorado counties and parts of Yolo, Placer and Solano counties. More than 77,000 students are enrolled in the four colleges.

Folsom Lake College

Folsom Lake College is a comprehensive, public community college, the 109th community college in the State of California. In January 2004, Folsom Lake College received initial accreditation from the Accrediting Commission for Community and Junior Colleges (ACCJC) of the Western Association of Schools and Colleges, one of six regional accrediting associations in the U.S. Accreditation certifies to students and the community that an educational institution meets or exceeds specific standards of quality. In January 2010, the college's accreditation was reaffirmed by the ACCJC.

Folsom Lake College serves the community with classes offered at:

- The main Folsom campus at 10 College Parkway (just off Highway 50 on E. Bidwell St.)
- Two educational centers (the El Dorado Center in Placerville and the Rancho Cordova Center)



Folsom Lake College Mission Statements

Folsom Lake College provides:

Programs

- Rigorous academic programs for completion and transfer; training to enhance employment and career skills; preparatory programs for student success; and opportunities for lifelong learning and enrichment.

Support Services

- Comprehensive support services to promote the success of all students.

Opportunities

- Opportunities for leadership; professional development; and involvement in the college and community.

Environment

- A collaborative and innovative environment that promotes personal interaction as the foundation of learning; honors diversity; cultivates sustainability; and encourages civic engagement.

Folsom Lake College Vision Statement

Folsom Lake College inspires excellence and provides educational opportunities to enrich and empower students.

Main Folsom campus

In 1967, the Los Rios Community College District (LRCCD) acquired a 151-acre parcel of land to be preserved for a future college. At its inception in 1991, Folsom Lake Center began operation at the current site in Folsom as a center of Cosumnes River College. In Fall 1992, the state Board of Governors and the California Postsecondary Education Commission approved the Folsom Lake site as the fourth college of the LRCCD. In Spring 1993, classes were first offered in portables at the main campus site. The first permanent building, Aspen Hall/FL1, opened in 2001.

Due to tremendous growth of the Folsom region, the facilities quickly expanded to keep up with demand for quality education. Currently, the beautiful campus includes over 200,000 square feet of state-of-the-art instructional space; an enormous library and computer lab for student use; the Falcon's Roost, the hub of student life on campus; physical education and athletics facilities and fields; and the renowned Harris Center for the Arts.

Construction update: Over summer 2013, the first phase of the athletic facilities complex opened at the Folsom campus providing students with new track and field, baseball, softball, and soccer fields. In alignment with Los Rios Community College District's commitment of putting "community" back into community college, these fields will be made available for community use. The second phase, a cross country course, interpretive trail, and a 9-court tennis complex are slated for completion in Spring 2014, which will complete the athletics complex. Construction of a new gymnasium began in July 2013 and is expected to open in spring 2015.



Aspen Hall at the Main Folsom campus



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

El Dorado Center

Folsom Lake College's El Dorado Center was established in the mid-1960s as a state-funded education center and was located in several portable buildings on El Dorado County land next to the county fairgrounds. Because of the continued enrollment growth at the center, and the keen interest and desire of the citizens of the Greater Placerville area to have a permanent community college center in Placerville, the Los Rios Community College District Board of Trustees authorized the purchase of approximately 19 acres of land from the El Dorado County Board of Education. The site was approved by the California Community Colleges and the State of California for a permanent site in 1988.

Construction of the first phase of permanent facilities was completed in the spring of 1994 and opened for classes in August 1994. A physical education building was completed and opened for classes in January 1999. An additional parking lot opened in Fall 2003. A second instructional building that completed the center's build-out was opened in Spring 2006.

The El Dorado Center serves the educational needs of those working and living on the western slope of the Sierra Nevada in El Dorado and adjoining counties. More than 2,500 students attend the El Dorado Center. The facility has state-of-the-art science labs and a fitness center, and has been recognized with a statewide architectural award of excellence. The center offers a

full range of transfer and vocational programs as well as student support services. The center is well positioned to meet the educational needs of the area's growing population.

Construction update: At the El Dorado Center, an expansion and remodel of the student services area is expected to begin in January 2014. Students will have increased space in which to gather and office space is being remodeled to better accommodate the needs of students.



The entrance to the Rancho Cordova Center

Rancho Cordova Center

The Rancho Cordova Center, an outreach center operated by Folsom Lake College, is located just minutes south of Highway 50 and 10 miles east of downtown Sacramento. The center was developed in response to the growing number of residents in this service area.

The center offers a comprehensive English as a Second Language curriculum, as well as a range of general education, computer science, physical education, administration of justice, and business courses. Alternative course delivery options, including online and televised courses, are available.

The center also provides a variety of support services to assist students in achieving their educational goals.

Construction update: In July 2013, demolition began at the future permanent site of the Rancho Cordova Center near Mather Field road along Highway 50. Regional transit lines will provide easy access to the new center. Classes are projected to transition to the new site in fall 2015.

Folsom Lake College - Facts at a Glance

Student demographics

Enrollment	7,946
Race/ethnicity	
African-American	3%
Asian/Filipino/Pacific Islander	11%
Hispanic/Latino	16%
Native American	1%
Other	1%
White	63%
Multi-Race	5%
Gender	
Female	58%
Male	42%
Age	
Under 18	1%
18-20	34%
21-24	26%
25-29	13%
30-39	12%
40+	14%
Day/evening enrollment	
Day only	43%
Evening only	24%
Both	33%
Academic load (units)	
12 or more (full-time)	34%
6-11.99	40%
Up to 5.9	26%
Goals	
Transfer	65%
Associate Degree	10%
Vocational/job skills	12%
Undecided	14%
Other	10%
Student background	
First generation	36%
Low income (< \$30,000)	36%
Primary language not English	12%
Employed 40+ hrs/wk	14%

General college information

Locations	Enrollment
Main Folsom campus	5,324
El Dorado Center	1,986
Rancho Cordova Center	636
Faculty & staff	
Full-time faculty	105
Part-time faculty	174
Administrators	13
Classified staff	103
Number of course sections	683
Accountability	
Course success rate (A, B, C, P)	73%
Retention rate (A, B, C, D, F, I, P, NP)	85%
Top degrees (AA, AS, AD-T)	
<ul style="list-style-type: none"> • Social & Behavioral Sciences • Math & Natural Science • General Education, Interdisciplinary Studies, & Transfer 	
Top certificates (CR, CA)	
<ul style="list-style-type: none"> • Social & Behavioral Sciences • General Education, Interdisciplinary Studies, & Transfer • Business • Computer Science 	
Top feeder high schools	
Folsom Cordova Unified School District	
Cordova	
Folsom	
Vista Del Lago	
El Dorado Union High School District	
El Dorado	
Oak Ridge	
Ponderosa	
Union Mine	
Primary transfer schools	
California State University, Sacramento	
University of California, Davis	
California State University, Chico	
California State University, San Diego	
University of California, Berkeley	

General Information and Other Resources

A Commitment to Student Success

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

Accreditation

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

Student Access

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

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

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

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

Meeting Community Needs

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

Associate Degrees and Certificates

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

General Education

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

democratic society that is diverse in its social, cultural, and educational backgrounds.

Transfer Education

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

Advanced Education for High School Students

Folsom Lake College provides the opportunity for high school students to enroll in college-level courses. Students who desire to participate in concurrent enrollment must be recommended by their high school principal or counselor and have written parental permission. There are course restrictions for high school students. Information on the Advanced Education process and the application form are available at the student's high school, online at www.flc.losrios.edu, or FLC main campus, EDC or RCC.

Basic Skills Education

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

Community Education

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

Continuing Education

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

Innovative Teaching and Learning

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

Education in the 21st Century is often dependent on digital and internet-based information, and any class at FLC may require extensive work and/or activities using these resources. Therefore, students will typically need access to a computer and the internet to complete some or all of the work required by the class, even if the classroom sessions are offered in a traditional format. Computers are available at each campus for student use (open labs). It may be helpful to review the Desire2Learn tutorial (d2lresources.losrios.edu) for additional information on this learning management system used in many classes.

Other Resources

Contract Education/Contract Training

Customized training and education for employers and their employees in the Sacramento area are offered by FLC in collaboration with the LRCCD Training Source. Contract courses are scheduled at any time throughout the year and vary from a single workshop to a series of classes provided over a few weeks or months. The Training Source also conducts on-site college credit and degree programs, customized instruction for an employer's assessed training requirements, as well as performance consulting. Since 1985, the Training Source has provided training to more than 60,000 Sacramento-area employees, including Intel, Bank of America, Aerojet General, SMUD, and many state and local public agencies and school districts. To arrange for specific educational training for your organization, contact the Training Source at (916) 563-3230. The Training Source is located at 1410 Ethan Way in Sacramento, by Cal Expo.

Greater Sacramento Small Business Development Center (SBDC)

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

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

The North/Far North-Regional Environmental Business Resource and Assistance Center (N/FN-REBRAC) was established to provide environmental education and assistance to businesses, college faculty, individuals, and public agencies with the goal of decreasing

the costs associated with: hazardous material and waste management, controlling air and wastewater emissions, maintaining a safe work environment, and the consumption of water and energy. Services include: client, student, and faculty training, dissemination of technical information, referrals to service providers, and research into creative Environmental Health and Safety (EH&S) procedures and financial support options for EH&S equipment purchases. For more information call (916) 563-3241.

Admission, Matriculation, and Registration

ADMISSION

Admissions Eligibility

Any person who has earned a high school diploma or the equivalent, such as a certificate of proficiency issued by the State Board of Education, is eligible for admission to Folsom Lake College. Non-high school graduates over 18 years of age, who demonstrate ability to profit from a community college education, may also be admitted. Eligible high school students may be admitted to a limited program through the Advanced Education program (see below).

Admission Procedures Application

An applicant may apply for admission to the college by one of the following methods:

- Completing an application online at: www.flc.losrios.edu;
- Submitting a completed application to the Admissions & Records Office on the main Folsom campus, the El Dorado Center, or the Rancho Cordova Center;
- Mailing a completed application to Folsom Lake College, Attn. Admissions & Records, 10 College Parkway, Folsom, CA 95630.

You must submit a new application any time you have a break of enrollment and do not attend for a semester. When applying to one college in the Los Rios Community College District, you are able to enroll in any of the other colleges (Folsom Lake College, American River College, Cosumnes River College, and Sacramento City College).

Admissions with Transfer Credit

Credits earned at other regionally accredited colleges or universities may be applied towards an AA or AS degree from Folsom Lake College upon receipt of official transcripts.

Official transcripts of previous academic work at other institutions are required to assist students in reaching their educational objectives at Folsom Lake College. Transcripts are also required for students who are candidates for special admissions programs and/or services such as financial aid, veteran's benefits, concurrent enrollment, and international student education.

Advanced Education Opportunities for High School Students

Courses that provide enrichment and advancement in educational experience may be offered on a limited basis to high school students who have demonstrated exemplary academic achievement. The student needs

to be 16 years of age or have completed the sophomore year of high school prior to the first day of the semester. Advanced education students may not take remedial classes, classes which need to be repeated because of low grades, and classes offered in the student's own school.

High school students should request information from their high school counselor regarding eligibility and an Advanced Education application. Prospective advanced education students should bring to the FLC Counseling Center an advanced education application form which has been signed by a parent and by a high school counselor or principal, an official transcript plus work in progress, a written statement describing how the eligibility criteria are met and why they wish to take classes, and FLC assessment exam results if appropriate.

After the advanced education application has been approved by the FLC counselor, the student may register for classes. Students must enroll in person at the admissions counter. An advanced education student is not considered a continuing student when registering for classes for any subsequent semesters. Additional information can be obtained from the FLC Counseling Office at 916-608-6510. A general overview of the Advanced Education program has been outlined here. It is the responsibility of the advanced education student to become familiar with and aware of all the requirements, processes, deadlines, etc. pertaining to advanced education.

Admission for Veterans and/or Dependents Using Veterans Educational Benefits

The Veterans Affairs Office is located in Admissions and Records in Aspen Hall and is available to assist veterans, spouses, and children of disabled or deceased veterans who may be eligible for federal and/or state educational benefits. New students should contact this office at least two months prior to the start of the semester to initiate the required paperwork.

In most cases, all enrollment fees, books and miscellaneous fees are paid by the student and not the VA (except for students using the Post 9/11 GI Bill or Vocational Rehabilitation benefits). If you believe VA will be paying your enrollment fees, please verify with the Veterans Affairs Office before enrolling in courses. The benefit process may take several months to complete for new benefit recipients. The benefit process for continuing students can take 4 to 6 weeks in most cases. Benefit recipients should anticipate a delay of at

least two months before receiving the first payment. For more information on VA benefits, go to www.gibill.va.gov. Disabled veterans who qualify for educational benefits as disabled veterans should contact their VA Rehabilitation Counselor prior to enrolling.

For more information, veterans or dependents should contact Veterans Services in Admissions & Records at 916-608-6500.

International Student Admissions

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

An international student must be enrolled in at least 12 units each semester and must maintain a C (2.0) grade point average at all times, in order to be in compliance with F-1 visa requirements. For more information, contact International Students, at 916-608-6730 or go to the website, www.flc.losrios.edu.

Residency Requirements for Admission

Folsom Lake College is a public college under California law. The application for admission includes a statement of residence from which residency is determined. The law provides that a person can have only one residence. If you have resided in another state just prior to the residence determination date (the first day of the semester) – even if you had been a California resident previously – you may be considered a nonresident for purposes of enrollment fees. Residency is determined at the point of admission once a completed application is submitted to the college.

Out-of-state students may apply for reclassification to California resident by completing a reclassification application and providing sufficient documentation to support California residency. State requirements to become a California resident are described in the California Education Code and California Code of Regulations (Title 5).

Under California law, to be reclassified from a non-resident to a California resident, a student must clearly demonstrate:

1. physical presence in California,
2. intent to reside in California permanently, and
3. financial independence.

Please see the Admissions & Records office for the reclassification application and instructions – or access

this information on the FLC website, www.flc.losrios.edu.

The residence determination dates for 2014-15 are as follows:

Summer 2014 semester - June 8, 2013

Fall 2014 semester - August 22, 2013

Spring 2015 semester - January 16, 2014

A California Nonresident Tuition Exemption may be granted to certain non-resident students who meet the exemption requirements set forth in Assembly Bill 540 (AB540), including undocumented aliens. Contact the Admissions & Records office at 916-608-6500 for further information. All questions concerning residence status should be referred to the Admissions & Records office.

Readmission from Dismissed Status

Students on dismissed status from Folsom Lake College must submit a “Petition for Readmission after Dismissed Status” form, which is done with a counselor. In order to enroll in classes, the Dean of Student Services must approve readmission after counselor recommendation.

STUDENT SUCCESS AND SUPPORT/ PRE-ENROLLMENT PROCESS

Students who enroll in credit courses are entitled to services designed to help them succeed. These student support services and programs bring the college and the student into an agreement for the purpose of realizing the student’s educational objectives.

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

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

How does the Pre-Enrollment process work?

The steps below are required of all new students and are designed to help students achieve their educational goals. Student may refer to the college website to access the pre-enrollment process under the New Student Tab; "Steps to Success." Please note, there is a specific timeline for students to complete the pre-enrollment process in order to achieve a priority registration date.

1. Application - The first step to becoming a student at Folsom Lake College is completing the Los Rios college application. You may access the application online or complete a paper application in Admissions and Records at any one of our three locations, FLC/EDC/RCC. You will receive a student ID number which is necessary to access all of our services as well as, log into e-Services, Gmail, and D2L and to utilize computers on our campus.

2. Orientation - Orientation is offered in an online format for the Los Rios Community College District. You may access the online orientation on the Folsom Lake College website and complete the 8 module orientation designed to prepare new students for the registration process and provide them with information necessary to support college success.

3. Assessment Testing - The purpose of assessment testing is to place students in English, English as a Second Language (ESL), and Math classes that match their skill level so that students can be successful. It is important for students to prepare for testing by visiting the Assessment Testing webpage on the Folsom Lake College website. Student must have their assessment testing results prior to meeting with a counselor in order to plan a schedule of classes their first term.

4. Academic Planning Sessions (Counseling) - During the academic planning session, you will put together a first semester education plan with an academic counselor. Education plans are required for new students in order to receive priority registration, and will help assist you in determining appropriate classes you can take your first term. Planning sessions will cover general education requirements, major preparation, pre and co-requisites, class search, and college resources.

5. Registration - Once you have met with a counselor and set up a schedule, you are now ready to register for your classes. During the priority registration period, students will receive a randomly assigned registration date and time. During open registration, students are free to register at any time. You have the following

registration options:

Online: Monday-Saturday 7am-11:30pm, Sunday 9am-11:30pm. Go to www.flc.losrios.edu (click on "eServices"). In Person: Visit the admissions and records offices at any of our three locations. Call for current hours.

FLC (916) 608-6500

EDC (530) 642-5644

RCC (916) 255-0717

Exemption Criteria

The Los Rios Community College District elects to exempt certain students from participation in orientation, assessment, counseling, as follows:

- Any student who has completed an associate degree or higher.
- A student who satisfies at least two of the following and does not wish to participate:
 - o The student has identified a goal of upgrading job skills;
 - o The student has enrolled in fewer than six (6) units;
 - o The student is concurrently enrolled in another post-secondary institution;
 - o The student has no degree or occupational objective.
- A high school student enrolled as an Advanced Education student.

New to college students who first enrolled in courses in Los Rios after Spring 2014 are not eligible for the above exemptions.

Transcripts from Other Colleges

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

To be credited by Folsom Lake College, the course work must meet the following criteria:

- The course(s) must have been taken at a regionally accredited college/university;
- The course(s) must be undergraduate level;
- The course(s) must have been completed with a grade of "D" or higher. All transferred grades (including "F"s) will be used in the calculation of

units attempted, units completed, and the grade point average.

- For determination of course applicability/equivalency, student must meet with a counselor.

Students who have completed college or university level courses outside the United States and are requesting credit must have those transcripts evaluated by a Foreign Credit Evaluation Services. We will accept a foreign transcript evaluation from a current member of AICE or NACES. Credit for coursework/degrees will be granted if it is determined to be equivalent to that of a regionally accredited college/university in the U.S. and is at the baccalaureate level. Once received in the Admissions & Records office, the evaluation becomes property of the college and is treated in the same manner as an official transcript.

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

REGISTRATION

Students may register for classes using the following methods:

- Online using eServices at www.flc.losrios.edu; or
- In person at the Admissions & Records offices.

For detailed information on registration procedures refer to http://www.losrios.edu/lrc/lrc_reg.php

Class Schedule

Before registration begins for a given semester, the Class Schedule is published online indicating courses to be offered – with date/time, instructor and room assignment information. Important instructions and information regarding admissions and registration are also available online.

Registration Policies – Open Enrollment

In accordance with District policy, all classes are open to enrollment and participation by any person who meets the academic prerequisites of the class and who is otherwise eligible for admission to Folsom Lake College.

Limitations on Enrollment

Students are cautioned that some classes and programs may prove to be so popular or so limited by physical

facilities and/or availability of qualified instructors that all students who apply cannot be accommodated.

Prerequisites and Corequisites

Many courses have enrollment conditions such as prerequisites and corequisites that must be met prior to enrolling in the course. It is the student's responsibility to meet any and all enrollment conditions; students have the option of challenging the prerequisite requirement. Students who do not meet these conditions may be dropped by the instructor.

Schedule Adjustments

Students who wish to change their schedules in any way after they have enrolled should follow the procedures listed online at www.flc.losrios.edu under Registration. Students not attending a course in which they are officially enrolled should drop the course through eServices to avoid incurring grades that would negatively affect their academic standing. Not showing up for a class does not constitute an official withdrawal. Students who are not attending classes, but are receiving Financial Aid, must contact the Financial Aid office immediately at 916-608-6646 or in person in Aspen Hall. Students are required to repay funds received for classes they are no longer attending.

A student may withdraw without penalty from individual courses or from the college up to the date indicated in the Board approved academic calendar or a corresponding time period for courses scheduled for shorter duration of time (see the schedule for detailed dates at www.flc.losrios.edu).

Registration Steps for Students

If you are an eligible...	then...
<p>[P-0] Foster Youth, Former Foster Youth, CalWORKs, DSPS, EOPS, member or former member of the Armed Forces or Military Reserves (this means that you have been verified by college personnel as eligible for this category).</p>	<p>For Priority 0 registration, if you are a Continuing student:</p> <ol style="list-style-type: none"> 1. Complete the Supplemental Enrollment Information Form. 2. Find your enrollment date and time on eServices. <p>For Priority 0 registration, if you are a New student:</p> <ol style="list-style-type: none"> 1. Complete an application for admission. 2. Be prepared to bring required documentation if needed. 3. Complete Orientation. 4. Take the appropriate assessment test. The assessment test schedules are available from the Assessment Center, Counseling Center, or college website. 5. Meet with a counselor and develop a student education plan. 6. Find your enrollment date and time on eServices.
<p>[P-.5] Graduating or Transfer Student (this means that you were registered at one of the Los Rios Community College District campuses during the most recent regular academic term AND you will be completing your degree, certificate or transfer requirements by the end of the semester of registration).</p>	<p>For Priority .5 registration, if you are a Continuing student:</p> <ol style="list-style-type: none"> 1. Complete the Supplemental Enrollment Information Form. 2. Meet with a counselor to establish eligibility for Priority .5 registration and complete form. 3. Find your enrollment date and time on eServices.
<p>[P-.75] Student athlete (this means that you have been verified for a competitive sport team and have completed assessment, orientation, and developed a student education plan).</p>	<p>For Priority .75 registration, if you are a Continuing student:</p> <ol style="list-style-type: none"> 1. Complete the Supplemental Enrollment Information Form. 2. Check with the Athletic Department to see if you need to meet with the team coach for eligibility information or need to meet with an athletic counselor. 3. Find your enrollment date and time on eServices. <p>For Priority .75 registration, if you are a New student:</p> <ol style="list-style-type: none"> 1. Complete an application for admission. 2. Check with the Athletic Department to see if you need to meet with the team coach for eligibility information or need to meet with an athletic counselor. 3. Complete Orientation. 4. Take the appropriate assessment test. The assessment test schedules are available from the Assessment Center, Counseling Center, or college website. 5. Meet with a counselor and develop a current student education plan. 6. Find your enrollment date and time on eServices.

If you are an eligible...	then...
<p>[P-1] Continuing Student (this means you were registered at one of the Los Rios Community College District campuses during the most recent regular academic semester);</p> <p>First-time Student (never attended college before even though you may have taken college classes while in high school)</p>	<p>For Priority 1 registration, if you are a Continuing student, you do not need to submit an application. Simply use the Los Rios eServices system to:</p> <ol style="list-style-type: none"> 1. Complete the Supplemental Enrollment Information Form. 2. Find your enrollment date and time. <p>For Priority 1 registration, if you are a New first time student:</p> <ol style="list-style-type: none"> 1. Complete an application for admission. 2. Complete Orientation. 3. Take the appropriate assessment test. The assessment test schedules are available from the Assessment Center, Counseling Center, or college website. 4. Meet with a counselor and develop a student education plan. 5. Find your enrollment date and time on eServices.
<p>[P-2] New to College (this means that you never attended college before even though you may have taken college classes while in high school);</p> <p>New Transfer Student (never attended a Los Rios college before);</p> <p>Returning Student (attended a Los Rios College before and returning after an absence);</p> <p>Returning Transfer Student (attended a Los Rios College and also attended another college or university (including graduates).</p>	<p>For Priority 2 registration, if you are a First-time, New Transfer, Returning or Returning Transfer Student:</p> <ol style="list-style-type: none"> 1. Complete an application for admission. 2. Find your enrollment date and time on eServices. 3. Complete Orientation. 4. Take the appropriate assessment test. The assessment test schedules are available from the Assessment Center, Counseling Center, or college website. 5. Meet with a counselor and develop a student education plan. 6. Find your enrollment date and time on eServices. <p>New to College and New Transfer students who do not complete Assessment, Orientation and develop a student education plan will drop to Open enrollment at the next enrollment cycle until these steps are completed.</p>
<p>[P-3] High School Student (are taking college classes while in high school).</p>	<p>For Priority 3 registration, High School Students need to:</p> <ol style="list-style-type: none"> 1. Complete an application. 2. Complete the Advanced Education application with appropriate approvals/signatures. 3. Meet with college counselor for approval. 4. Find your enrollment date and time on eServices and register in-person at college where enrollment has been approved.
<p>First-time Student who already has a college degree and only wants to take one or two courses.</p>	<ol style="list-style-type: none"> 1. Complete an application. 2. Register for classes during Open Enrollment.

If you are an eligible...	then...
International Student	Six months prior to the term of attendance, complete an online application and contact the Admissions & Records Office. For more details, see the International Student Admissions section in this catalog.

Per Title 5 and Los Rios Board regulation 2211, registration priorities shall be lost at the first registration opportunity after a student:

1. Is placed on academic or progress probation for two consecutive terms;
82. Has earned 90 or more degree applicable units in Los Rios.

A student may appeal the loss of priority registration each term for the following reasons: extenuating circumstances, having a disability and not receiving timely, reasonable accommodation, enrollment in courses required for a high unit major or program, or academic and/or progress improvement.

Fees

Schedule of Fees

At the time of this catalog's publication (3/1/14), the following fees are in effect (*all fee amounts are subject to change*):

General Enrollment Fees: All students must pay a general enrollment fee of \$46 per unit. The California Community College Board of Governors provides a waiver of fees for qualified students (see Financial Aid section in this catalog). **Note:** *General Enrollment Fees are subject to change as they are set by the State Legislature. Students who have registered for classes prior to any increase may be billed for the additional amount. Fees are due and payable at time of registration.*

Non-Resident Tuition: Students classified as non-residents are required to pay a nonresident tuition fee, plus the PER UNIT general enrollment fee (\$254/unit).

International Student Capital Outlay Fee: International students who are both a citizen and resident of a foreign country will be assessed an international student tuition fee (\$254/unit).

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

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

- **Use of Student Representation Fee:** The money collected from the student fee shall be expended to provide support for students or representatives who may be stating their positions and viewpoints before city, county, and district government, and before offices and agencies of the state and federal government.
- **Right to Request a Refund:** The fee is mandatory; however students have the right to request a refund for religious, political, moral, or financial reasons. *To request a refund the student must fill out a form available online or in the Admissions & Records office.*

Universal Transit Pass Fee/Student Access Card: Students approved a Universal Transit Pass fee which allows students to use all public transit bus and light

rail systems in Sacramento, Yolo (excluding Unitrans), Folsom, El Dorado, and Elk Grove at a greatly reduced rate. Your Student Access card is your transit pass and it is good seven days a week from August 1 through December 31 and from January 1 through May 31. This is an incredible bargain.

Here's how it works:

The UTP fee is charged when a student registers for classes. The fee is:

- \$5.54 per semester for less than six units (\$2.77 for students receiving BOG fee waivers)
- \$11.08 per semester for 6 to 11.9 units (\$5.54 for students receiving BOG fee waivers)
- \$16.62 per semester for 12 units or more (\$8.31 for students receiving BOG fee waivers)
- The fee is not charged for the Summer Session
- The fee is refundable if a student drops courses within the fee refund period
- A fee of \$5 will be withheld from the refund if a Student Access card has already been issued to the student
- Students who are enrolled in online courses only may request a refund during the semester

The fee is waived for students:

- Enrolled in the Criminal Justice Training Consortium
- Students enrolled in Apprenticeship programs
- Those UC Davis students participating in the Workload Program, on the UC Davis main campus
- Students studying abroad

Universal Transit Pass (UTP) stickers cannot be sold or transferred in accordance with California Penal Code 483 and the Los Rios Community College District's Standards of Conduct (District Regulation R-2441). Violators will be cited for criminal misdemeanor and subject to academic discipline For the latest information on the Student Access Card, go to the District homepage at www.losrios.edu.

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

Fall/Spring semester:

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

Summer session:

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

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

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

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

Fee Refunds

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

- Drop class(es) using eServices at www.flc.losrios.edu or in person at Admission & Records Office by the second Friday for Full Semester classes and the first Friday of all short-term classes, i.e., 5-week, 8-week, summer session, etc. Refund eligibility is determined by the date the course is officially dropped.
- Submit a request for refund by the last day of instruction in the semester or summer session for which the fee was paid. If a refund request is not submitted, credit balances will be forfeited and do not carry over to the next semester or term.
- Online Fee Refund Application form is available on the Los Rios website, www.losrios.edu (Fees & Payment link on home page). Applications forms are also available at the Admissions & Records office.

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

A student who must withdraw for military purpose shall be refunded 100% fees and tuition paid, regardless of the date of withdrawal. Requests for refunds made after the end of the semester will be honored.

Parking Fees are 100% refundable only through the second Friday of the fall or spring semester and the first Friday of the term for the summer session. To be eligible for a refund, the parking decal must be attached to the refund request form and submitted to the Admissions & Records office by the refund deadlines.

Payment Methods

Fee payment is due at the time of enrollment. For more details on payment and when students are dropped for nonpayment, go to: <http://www.losrios.edu/lrc/feepaydetails.php>. Students have the option of paying fees by (1) credit card at the time of online registration; (2) mail with check or credit card information; or (3) payment in person at FLC Admissions & Records office, the El Dorado Center, or the Rancho Cordova Center. Students who may be eligible for financial aid and/or an enrollment fee waiver should contact the Financial Aid office on the main campus prior to registration. Due to the nonpayment drop policy, online fee payment is highly recommended.

Maintenance Allowance

A California resident who resides more than 60 miles from the nearest public community college campus may file an application for a maintenance allowance in Admissions & Records. The rate of payment is determined by the State Chancellor's Office, and is issued to the parent or guardian or minor non-district students, and directly to adult non-district students.

Debts Owed to the College

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

Federal Education Tax Credits

(American Opportunity Credit
and Lifetime Learning Credit)

Students (or parents of dependent students) may be able to obtain federal tax credits for enrollment fees if the student is enrolled in at least 6 units during any semester or summer session, and the student meets the other conditions prescribed by federal law. Students who consent to online access can view and print the IRS Form 1098-T through eServices by January 31st of each year. For eligible students who do not consent to online

access, the IRS Form 1098-T will be mailed by January 31st. More information on the American Opportunity Credit or Lifetime Learning Credit is available on IRS Form 8863 at: www.losrios.edu/lrc/1098T.php

Student Access Card

The Student Access card is your:

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

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

Official College Photo ID Card

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

Universal Transit Pass Card

Students approved a Universal Transit Pass fee which allows currently enrolled students to use all public transit bus and light rail systems in Sacramento, Yolo (excluding Unitrans), Folsom, El Dorado and Elk Grove at a greatly reduced rate. Your Student Access card is your transit pass and it is good seven days a week from August 1 through December 31 and from January 1 through May 31. This is an incredible bargain. Universal Transit Pass (UTP) stickers cannot be sold or transferred in accordance with California Penal Code 483 and the Los Rios Community College District's Standards of Conduct (District Regulation R-2441). Violators will be cited for criminal misdemeanor and subject to academic discipline.

College Library Card

Your Student Access card is also your college library card. It is valid at any of the Los Rios Community College Libraries: American River College, Cosumnes River College, Folsom Lake College & El Dorado Center, or Sacramento City College. The card must be presented at your library's circulation desk when borrowing books and other library materials.

Currently enrolled students may access library research databases, request library materials from other Los Rios libraries, place holds on items, and review their library record online using their student ID number (example: w1234567, with the w) and Los Rios password (the same password used by eServices, iMail, and Desire2Learn). If you have any questions, contact your college library for assistance.

GoPrint Card

You can use your Student Access card to make photocopies or prints at any GoPrint station at any college in the Los Rios District. To activate the debit stripe on the back of your card, insert it into any vend/revalue GoPrint station and deposit the amount of value (minimum \$1.00) you wish to put on the card. Additional value may be added to the debit stripe any time thereafter. (Note: If you still have money on a former Los Rios GoPrint card, you can continue to use that card until the value is spent by going to a Revalue Station and inserting your card to reactivate it.)

Discount Card

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

Where to pick up your Student Access card:

FLC: Computer Lab in Aspen Hall/FL1

EDC: Computer Lab in building C

RCC: Main Counter

Can I get a card for the Summer Session?

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

If your card is lost or stolen:

Each student will be issued one (1) Student Access card free of charge each Academic Year. There is no charge for the replacement of a damaged UTP sticker IF the remnants of your damaged sticker are attached to your Access card. Otherwise, the following charges will apply:

- Access Card only \$5.00
- Access Card & Lost/Stolen UTP Sticker \$20.00
- Lost/Stolen UTP Sticker \$15.00

Replacement fees can be paid at the college's Business Services office. Present your receipt at the ID card station to receive your replacement card and then the Business Services office to receive your replacement sticker.

If your card or sticker is damaged:

Damaged cards or damaged stickers will be replaced free of charge. Please bring the damaged card with sticker or the damaged sticker to a location where cards are issued.

College and Academic Regulations

Academic Honors

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

Academic Renewal

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

- A minimum of 12 consecutive months shall have elapsed since the end of the semester or summer session in which the work to be alleviated was recorded; and a minimum of twelve (12) semester units (or its equivalent) with a grade of C or Pass/Credit or better shall have been attained. The coursework must have been completed at a regionally accredited college.
- Current educational objectives must be discussed with a counselor and the counselor's recommendation must be included on the petition.
- No more than 30 units of substandard grades may be discounted.
- Under no circumstances may course work be discounted if it was used to fulfill requirements for a degree or certificate that has been awarded.
- All grades remain on the permanent record and transcript of grades. However, a proper notation on the transcript will indicate the specific grades that were discounted from the grade point average.
- Once elected, the academic renewal cannot be reversed.
- Academic Renewal is not intended for courses that are required and/or will be repeated.
- Questions regarding this policy should be directed to the Admissions & Records or Counseling offices.

Academic renewal petitions are available through the Counseling Office.

Attendance

For students to successfully complete their college work, regular class attendance is necessary, and students are expected to attend all sessions of classes in which they are enrolled.

Excessive absences

The Los Rios Community college District (LRCCD) attendance requirements are as follows: Per Policy P-2222, students are expected to attend all sessions of the class in which they are enrolled. Any student with excessive absences may be dropped from class. (CA Code of Regs., Title 5, 58004).

Non attendance at First Class

As stated in LRCCD Regulation R-2222, students who fail to attend the first session of a class may be dropped by the instructor.

Excessive Absence Defined

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

No Shows

As stated in LRCCD R-2222, students who fail to attend the first session of a class may be dropped by the instructor. In addition, students who have not attended at least one of the first three sessions of a class will be dropped as a "no show" following the third session of the class per Title 5 section 58004. If a class is scheduled for only one session per week, then students who have not attended at least one of the first two sessions of a class will be dropped as a "no show" following the second session of the course.

Auditing Courses

The District and Folsom Lake College do not permit auditing of classes, which is defined as attending a course or courses without having enrolled and without responsibility for completing assignments and without receiving a grade or credit.

Catalog Rights

For purposes of graduation from any of the colleges of the Los Rios district, students who remain in attendance in one regular session (quarter, semester, or summer session) at any California community college, or any combination of California community colleges, campuses of the California State University, the University of California, or any regionally accredited

institution of higher education, may elect to meet the requirements in effect at the Los Rios college from which the student intends to graduate, in one of three ways:

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

Please note:

- A college may authorize or request substitution for discontinued courses.
- Students changing their major field of study may be required to complete those requirements for the major in effect at the point of change.
- For purposes of this section, "attendance" means taking classes in at least one session (i.e. quarter, semester, or summer session) in each calendar year. Absence for attendance at another accredited institution shall not be considered an interruption in attendance. (Board Policy P-7252)

Change of Address/Name

Students must report a change of address immediately to the Admissions & Records office using a Change of Student Data form (or submit the change online via eServices at www.losrios.edu). Folsom Lake College cannot be responsible for misdirected mail if the address change is not provided by the student.

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

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

Course Repetition and Repeatability Regulations

Repetition of courses must be conducted by all California community colleges in compliance with California Title V Regulations, Sections 55040 through 55046.

Course Repetition Where Substandard Grade is Recorded

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

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

Repeatable Courses

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

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

Repetition Absent Substandard Grades

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

- Students may repeat a course where a course is required by a statute or regulation as a condition of continued paid or volunteer employment, or as a result of a significant change in industry or licensure standards such that repetition is necessary for employment or licensure. These repetitions are not limited and are granted based on the college's verification of established legal mandates. (Cal. Code Regs., Title 5, section 55040)

- Students may repeat a course if the college that there has been a significant lapse of time since the first grade was obtained, **and**:
 - If the college has a properly established recency prerequisite for a course or program (Cal. Code Regs., Title 5, section 55043).
 - If the college finds that another institution of higher education to which the student seeks to transfer has established a recency requirement which the student shall not be able to satisfy without repeat the course in question (Cal. Code Regs., Title 5, section 55043).
- The college finds that the student's most recent previous grade is, at least in part, the result of extenuating circumstances. Extenuating circumstances are verified cases of accident, illness, or other circumstances beyond the student's control. This is a one-time exception.
- A special course that can be repeatable by petition so that a particular student can be approved to repeat it as a disability-related accommodation.

Limitations on Active Participatory Courses

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

Students are limited to taking a maximum of four courses in any one family across all four Los Rios colleges, regardless of how many courses there are; sometimes a family of courses may include more than four. For example, the Modern Dance Technique family of courses across the four Los Rios colleges includes five courses - DANCE 330 through DANCE 334 (Modern Dance I, II, III, IV, and V).

In addition, if a student gets a sub-standard grade (a notation of D, F, NC (No Credit), NP (No Pass), or W (Withdrawal)) in any course within a family, the sub-standard grade counts as one of the four course limitations in the family. The list of families of courses is available in the Counseling Office at each college. Please consult with a counselor for more information.

Course Time Conflict/Course Overlap

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

Dismissal

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

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

Appeal Option: Per Los Rios Board policy R-2231, students who are dismissed will be notified of their status in writing (through transcript notation and email) and must meet with a counselor to petition for readmission (including development of a Student Educational Plan).

Any changes or updates to Los Rios Board policy can be obtained at: www.losrios.edu/legal/GCpolreg.htm

Final Examinations

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

Good Standing

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

Grades and Grade Point Averages

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
P - Pass	
Not computed in GPA, but (C or better) affects progress probation and dismissal	
NP - No Pass	
Not computed in GPA, but (less than C) affects progress probation and dismissal	
I - Incomplete	
Not computed in GPA, but affects progress probation and dismissal	
W - Withdrawal	
Not computed in GPA, but affects progress probation and dismissal	
MW - Military Withdrawal	
Not computed in GPA, but affects progress probation and dismissal	

Computations:

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

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

Pass-No Pass Grading (P/NP)

A student may elect one course per semester to be graded on a Pass or a No Pass basis. The Pass/No Pass petition must be filed with the Admissions & Records office for this option prior to the 30% mark of the class. The equivalent of an A, B, or C received for the course will be recorded as P, with units earned. The equivalent of D or F will be recorded as NP, with no units earned. Units attempted for Pass-No Pass grades are not computed in the grade point average, but are used for determining progress probation and progress dismissal (see Probation and Dismissal information).

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

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

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

* Courses taken prior to June 30, 2008 will be noted on the student records as CR/NC (Credit/No Credit). Courses taken July 1, 2008 and in the future will be noted as P/NP (Pass/No Pass), per Title 5 section 55022.

Incomplete Grading (I)

An incomplete grade may be assigned by the instructor when, in the judgment of the instructor, the student is unable to complete the requirements of a course because of an unforeseeable emergency or justifiable reason at the end of the semester. A student should have completed at least two thirds of the coursework with a passing grade and be attending regularly up until the point when the incomplete is requested.

To receive credit for the course, the student must finish the incomplete work no later than one year from the end of the semester in which it was assigned. A student may petition for a time extension due to unusual circumstances. A student may not re-enroll in a course for the purpose of completing an incomplete.

Withdrawal from Class/Grades of W

A student may officially drop a class without notation (a W grade) on the permanent academic record/transcript prior to the point in which 15% of a class has occurred. These important dates are available at http://www.losrios.edu/lrc/lrc_calend.php (click on the appropriate semester, then click on "Click here for more information, including start/end dates, drop/add dates"). Withdrawals occurring after this time, and before the point in which 75% of the class has occurred, shall result in a W notation on the permanent academic record/transcript. Official withdrawals are those that have been processed via eServices or by staff in the Admissions and Records Office.

A W grade on the permanent academic record/transcript is used for determining Progress Probation and Progress Dismissal. No withdrawals are permitted during the last 25% of a course, except due to extenuating circumstances (verified cases of accidents, illness, or other circumstances beyond the control of the student), for which a student may request withdrawal through the student petition process. After consultation with the instructor and with administrative approval, the grade may be recorded as a W rather than as a less than satisfactory or failing grade on the permanent academic record/transcript. In all other cases, after the 75% date, a student will receive a grade in the course.

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

Medical withdrawals may be considered when supporting documentation is provided along with a student petition.

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. All college coursework that a student has completed is used to calculate honors at graduation. The published lists of students are compiled from the data available at the time of publication and may be subject to subsequent revision.

Leave of Absence

Per LRCCD Policy P-7243, students may petition for leaves of absence from a college of the Los Rios Community College District in order to maintain catalog rights to a specified degree requirement option (See: Catalog Rights Policy P-7242).

Leaves of absence may be granted for verified medical and military situations that prevent the student from attending classes in any college session in a calendar year. Such leaves shall be limited to two (2) successive calendar years. In extenuating circumstances, a leave of absence may be extended beyond the two-year limit.

As stated in LRCCD Regulation R-7243, a petition for leave of absence should be filed in advance whenever possible. Students requesting a leave of absence during a semester must follow campus withdrawal procedures. Students applying for medical leave of absence must furnish a statement from the attending medical physician explaining the necessity for the student to interrupt enrollment. Students applying for military leave of absence must furnish a copy of the military orders inducting service.

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 cumulative 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 NP grades are recorded in one half or more of all units in which a student has enrolled.

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

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

Any changes or updates to Los Rios Board policy can be obtained at: www.losrios.edu/legal/GCpolreg.htm

Remedial Unit Limitation

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

Transcripts - Folsom Lake College

Students can order official transcripts online from their eServices account or the college website – through the Credentials transcript ordering portal. The cost for ordering an official transcript is \$5 for regular processing or \$10 for rush (next day) processing. There will be no cost to students for the first two regular processing transcripts they order.

Any coursework completed prior to Summer 2003 will be reflected on a Cosumnes River College official transcript. Coursework completed at Folsom Lake College starting with the Summer 2003 term is reflected on a FLC official transcript.

Please contact Admissions & Records at 916-608-6500 for additional information.

Unit/Academic Load

Per LRCCD Regulation R-7211, fifteen (15) units each semester is considered a full college load. Twelve (12) units each semester is a minimum full-time load and is usually acceptable to qualify for scholarships, grants, loans and holding student offices.

Eighteen (18) units per semester is a maximum load. Unit limit shall be District-wide. A petition to exceed the maximum load must be submitted in writing to the college at which the additional units will be taken prior to registration (at FLC the petition would be initiated through a counseling appointment). A student may petition up to a maximum of six (6) additional units District-wide through this process.

Eight (8) units per summer session is a maximum load. Unit limit shall be District-wide. A petition to exceed the maximum load must be submitted in writing to the college at which the additional units will be taken prior to registration (at FLC the petition would be initiated through a counseling appointment). A student may petition up to a maximum of four (4) additional units District-wide through this process.

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

The following categories require the minimum unit load indicated:

- a. International students - 12 units
- b. Student athletes - 12 units including Physical Education.

Unit of Credit

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

Valedictorians

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

Valedictorians will be the students 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) is made by the college in early to mid April. All valedictorians will be noted in the Commencement program and one of the valedictorians will be selected to deliver the valedictory address through a process governed by the Associated Student Organization, the Commencement Committee, and upon approval of the College President or his or her designee.

Verification of Enrollment

Upon written request, verifications of enrollment are provided free of charge, by Admissions and Records. Please allow ten business days for processing. For round the clock service, Los Rios Community College District has authorized the National Student Clearinghouse to act as its agent for verification of student enrollment status. You can obtain an official Enrollment Verification Certificate at any time through the Clearinghouse website at www.studentclearinghouse.org (there is also a portal available on eServices). A fee may be charged for this express service.

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. 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 AA or AS degree, but grades are not awarded. Credit *may not* be posted to the FLC transcript for courses that duplicate the credit already allowed for AP exams. **Students are encouraged to meet with a counselor for more information.**

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

For English, passing the Advanced Placement Language & Composition exam and/or the Literature & Composition exam with a score of 3 or higher will earn a student credit for English Writing 300. *See the charts on the next two pages for more information.*

College-Level Examination Program (CLEP) General Examination

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

Cooperative Work Experience

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

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

Eligible students must:

- Be working in a paid or non-paid job or internship related to career goal. 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 full semester or by the end of the first week of eight week (or summer session) to remain in the program.
- With employer's assistance, establish new on-the-job skills that will be documented.
- Attend a one-hour weekly career management class or qualify for the "Returning Student" status. However, attendance is required for everyone for the first orientation session.
- 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.

COLLEGE CREDIT FOR ADVANCED PLACEMENT (AP) TESTS

Students may earn credit for College Entrance Examination Board (CEEB) Advanced Placement (AP) Tests with scores of 3, 4, or 5. AP credit can be used to meet IGETC, CSU GE and A.A. general education (GE) and/or major requirements. For credit to be applied, students must have the College Board send official AP exam results to the Admissions Office.

Course credit and units granted at Folsom Lake College may differ from course credit and units granted by a transfer institution. See a counselor for details.

EXAM	FLC COURSE EQUIVALENT	FLC AA/AS GE AREA	CSU GE	CSU - UNITS EARNED TOWARD TRANSFER	IGETC	UC - UNITS EARNED TOWARD TRANSFER
Art History	No course equivalent	Area I: Humanities 3 semester units	Area C1 or C2 3 semester units	6 semester units	Area 3A or 3B 3 semester units	8 quarter/5.3 semester units
Art (Drawing)	ART 300 3 semester units	N/A	N/A	3 semester units	N/A	8 quarter/5.3 semester units
Biology	BIOL 310 (score of 3) BIOL 400 (score of 4+) 4-5 semester units	Area IV: Natural Science 4 semester units	Area B2 and B3 4 semester units	6 semester units	Area 5B (with lab) 4 semester units	8 quarter/5.3 semester units
Calculus AB	MATH 400 5 semester units	Area II: Lang. and Rationality 3 semester units	Area B4 3 semester units	3 semester units*	Area 2A 3 semester units	4 quarter/2.7 semester units**
Calculus BC	MATH 400 (score of 3) 5 semester units MATH 400+401 (score of 4+) 10 semester units	Area: II(b): Lang. and Rationality 3 semester units	Area B4 3 semester units	6 semester units*	Area 2A 3 semester units	8 quarter/5.3 semester units**
AP CALCULUS EXAM LIMITATIONS				*Only one exam may be used toward transfer		**Maximum credit 8 quarter/5.3 semester units for both
Chemistry	CHEM 400+401 10 semester units	Area IV: Natural Science 4 semester units	Areas B1 and B3 4 semester units	6 semester units	Area 5A (with lab) 4 semester units	8 quarter/5.3 semester units
Chinese Language & Culture	No course equivalent	Area I: Humanities 3 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
Computer Science A	No course equivalent	N/A	N/A	3 semester units**	N/A	2 quarter/1.3 semester units***
Computer Science AB	No course equivalent	N/A	N/A	6 semester units**	N/A	4 quarter/2.7 semester units***
AP CS EXAM LIMITATIONS				**Maximum one exam toward transfer		***Maximum 4 quarter/2.7 semester units for both
Economics - Macroeconomics	No course equivalent	Area V(b): Social Sciences 3 semester units	Area D2 3 semester units	3 semester units	Area 4B 3 semester units	4 quarter/2.7 semester units
Economics - Microeconomics	No course equivalent	Area V(b): Social Sciences 3 units	Area D2 3 semester units	3 semester units	Area 4B 3 semester units	4 quarter/2.7 semester units
English - Language & Composition	ENGWR 300 3 semester units	Area II(a): Lang and Rationality 3 semester units	Area A2 3 semester units	6 semester units	Area 1A 3 semester units	8 quarter/5.3 semester units*
English - Literature & Composition	ENGWR 300 3 semester units	Area III(a): Lang and Rationality or Area I: Humanities 3 semester units	Area A2 and C2 6 semester units	6 semester units	Area 1A or 3B 3 semester units	8 quarter units/5.3 semester units*
AP ENGLISH EXAM LIMITATIONS						*8 quarter/5.3 semester units maximum for both
Environmental Science	No course equivalent	Area IV: Natural Science 3 semester units	Area B2 and B3 (if taken prior to Fall 2009) Area B1 and B3 (regardless of when taken) 4 semester units	4 semester units	Area 5A (with lab) 3 semester units	4 quarter/2.7 semester units
French Language	FREN 401+402 8 semester units	Area I: Humanities 3 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
French Literature	FREN 401+402 8 semester units	Area I: Humanities 3 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units

EXAM	FLC COURSE EQUIVALENT	FLC AA/AS GE AREA	CSU GE	CSU - UNITS EARNED TOWARD TRANSFER	IGETC	UC - UNITS EARNED TOWARD TRANSFER
German Language	No course equivalent	Area I: Humanities 3 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
Government & Politics - Comparative	No course equivalent	Area V(b): Social Sciences 3 semester units	Area D8 3 semester units	3 semester units	Area 4H 3 semester units	4 quarter/2.7 semester units
Government and Politics - U.S.	HIST 312+313 6 semester units	Area V(b): Social Sciences 3 semester units	Area D8 and US 2* 3 semester units	3 semester units	Area 4H 3 semester units	4 quarter/2.7 semester units
AP GOVERNMENT AND POLITICS- US LIMITATIONS			*Does not fulfill AH California Government requirement	Student can satisfy the AH requirement after transfer		
History - European	No course equivalent	Area V(b): Social Sciences or Area I: Humanities 3 semester units	Area C2 or D6 3 semester units	6 semester units	Area 3B or 4F 3 semester units	8 quarter/5.3 semester units
History - U.S.	HIST 312+313 6 semester units	Area V(b): Social Sciences or Area I: Humanities 3 semester units	Area C2 or D6 3 semester units	6 semester units	Area 3B or 4F 3 semester units	8 quarter/5.3 semester units
History - World	No course equivalent	Area V(b): Social Sciences or Area I: Humanities 3 semester units	Area C2 or D6 3 semester units	6 semester units	Area 3B or 4F 3 semester units	8 quarter/5.3 semester units
Human Geography	No course equivalent	Area V(b): Social Sciences 3 semester units	Area D5 3 semester units	3 semester units	Area 4E 3 semester units	4 quarter/2.7 semester units
Italian Language & Culture	No course equivalent	Area I: Humanities 3 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
Japanese Language & Culture	No course equivalent	Area I: Humanities 3 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
Latin - Vergil	No course equivalent	Area I: Humanities 3 semester units	Area C2 3 semester units	3 semester units	Area 3B and 6A 3 semester units	4 quarter/2.7 semester units
Latin - Literature	No course equivalent	Area I: Humanities 3 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	4 quarter/2.7 semester units
Music Theory	No course equivalent	Area I: Humanities 3 semester units	Area C1 (if taken prior to Fall 2009) 3 semester units	6 semester units	N/A	8 quarter/5.3 semester units
Physics B	No course equivalent	Area IV: Natural Science 4 semester units	B1 and B3 4 semester units*	6 semester units*	Area 5A (with lab) 4 semester units	8 quarter/5.3 semester units**
Physics C - Mechanics	No course equivalent	Area IV: Natural Science 3 semester units	Area B1 and B3 4 semester units*	4 semester units*	Area 5A (with lab) 3 semester units	4 quarter/2.7 semester units**
Physics C - Magnetism	No course equivalent	Area IV: Natural Science 3 semester units	Area B1 and B3 4 semester units*	4 semester units*	Area 5A (with lab) 3 semester units	4 quarter/2.7 semester units**
AP PHYSICS EXAM LIMITATIONS				**Maximum 4 semester units toward GE and 6 semester units toward transfer		**Maximum 8 quarter/5.3 semester units for both
Psychology	PSYC 300 (score of 5) 3 units	Area V(b): Social Sciences 3 semester units	Area D9 3 semester units	3 semester units	Area 4I 3 semester units	4 quarter/2.7 semester units
Spanish Language	SPAN 401+402 8 semester units	Area I: Humanities 3 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
Spanish Literature	SPAN 401+402 8 semester units	Area I: Humanities 3 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
Statistics	STAT 300 4 semester units	Area: III(b): Lang. and Rationality 3 semester units	Area B4 3 semester units	3 semester units	Area 2 3 semester units	4 quarter/2.7 semester units

AA: Students should be aware that AP test credit is evaluated by corresponding it to an equivalent FLC course, e.g. STAT 300. A student who receives AP credit and then takes the equivalent FLC course will have the unit credit for such duplication deducted prior to being awarded the A.A. degree. Note: a maximum of 15 units may be earned via credit by exam for the associate's degree.

CSU GE: The Advanced Placement examinations may be incorporated into the certification of CSU General Education-Breath requirements by any certifying institution. All CSU campuses will accept the minimum units shown and apply them toward fulfillment of the designated General Education-Breath area if the examination is included as part of a full or subject-area certification. Please note that individual CSU campuses may choose to grant more units than those specified toward completion of General Education-Breath requirements.

IGETC: AP exams must be used in area indicated regardless of where the certifying CCC's discipline is located.

- 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
- Business
- Communications Media
- Computer Information Science
- Dance
- Early Childhood Education
- Environmental Technology
- Fire Technology
- Gerontology
- Human Services
- Kinesiology
- Management
- Marketing
- Music - Specializations in Music
- Nutrition
- Photography
- Theatre Arts

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

New (First-time) Students:

- A. You are working a paid or non-paid job or internship.
- 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 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 "orientation" session. 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 education assists students in learning about the world of work and is open to all students *regardless* of major or job. Like vocational work experience, it is designed for students wanting to apply skills learned in the classroom to their actual job.

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

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

For more information, call (916) 608-6552.

Credit by Examination

Under special circumstances and with the concurrence of the department, students regularly enrolled and in good standing who believe they are qualified by experience or previous training may take a special examination to establish credit in a course in which they are not formally enrolled. A student who wishes to petition for credit by examination must have successfully completed a minimum of 12 units at FLC with a minimum GPA of 2.0.

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

A maximum of 15 units of credit may be allowed by credit by exam. The units granted by credit by exam may not be used to establish full-time or part-time status or to satisfy the 12 units residence requirement for graduation. Credit by exam units cannot be used to establish eligibility for financial aid, athletics, veterans' programs, etc. Students will be assessed the regular enrollment fee for all credit by exam courses (the BOG fee waiver does not apply). Eligibility is not permissible under the following situations:

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

- Student does not meet the prerequisite or corequisite for the course.

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.

For the appropriate petition form and additional information, please contact the Admissions & Records Office.

Independent Studies

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

Students who are enrolled in regular catalog courses at Folsom Lake College and are in good standing may petition to enroll in an independent studies offering. Students may petition to enroll in one (1) to three (3) units in a single department per semester, with a maximum of six (6) units of Independent Studies allowed per semester. A maximum of twelve (12) units of Independent Studies is allowed toward graduation requirements. Students can normally expect to successfully accomplish only one such project per semester, as one (1) unit of credit represents approximately 54 hours of work.

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

Application: To apply for Independent Study a qualified student first discusses the proposed study with the instructor who will supervise the study and with the appropriate instructional dean prior to the 9th week of the semester. If the instructor agrees to supervise the project, the student then completes a petition and course proposal form (available in Admissions & Records) with the assistance of the supervising instructor, who will process the petition. If the petition receives final approval, the student is registered in the course and receives a grade as in any regularly scheduled course.

Military Service - Credit

Credit for military service is granted upon presentation of papers showing honorable discharge from and active duty of one year or more in the United States armed forces. A veteran may receive three (3) units of living skills graduation requirements and one (1) unit of elective credit, if applicable, by submitting a copy of the DD214 separation papers. Under rare circumstances, veterans may also receive credit for satisfactory training completed in service school.

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

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

Distance Education

Online Education

Folsom Lake College offers some instruction via the Internet, including online course sections where almost all work is carried out online (with the possible exception of on-ground orientations and exams) and hybrid course sections where instruction is divided between online and on-ground class sessions. Faculty teaching online, hybrid, and some on-ground courses often use web-based learning materials, resources, assignments, and even some quizzes and tests, and regularly contact students through email or other electronic means. Online materials are also part of some course textbook requirements. Students enrolled in any of these courses can complete some or all of their online assignments in the FLC-main campus Personal Learning Environment (PLE) or in open labs at either the El Dorado Center (EDC) or the Rancho Cordova Center (RCC) during regularly scheduled hours, as well as from home or other off-campus locations.

Full course descriptions can be found in the college catalog under the heading for the specific course discipline. Class schedules will indicate whether a course is online or hybrid and if on-ground orientations or exams are required. For more information, please check the specific class listing in the online schedule. Each online or hybrid class section will contain a class note with a link to the appropriate information site.

Registration and rules for these courses are the same as those governing traditional on-ground courses.

In order to be successful in online courses, students need to be self-directed, motivated, and able to independently complete and electronically submit assignments on schedule. Students will also need basic Internet skills and consistent access to a computer with Internet capability.

Televised Instruction

Folsom Lake College offers some live interactive television (iTV) courses, which include instructor broadcasts from the FLC-main campus. Students may participate from classrooms at FLC-main, the El Dorado Center (EDC), the Rancho Cordova Center (RCC), and sometimes other locations. The center classrooms are equipped for direct contact with the instructor. In most cases, exams will be offered at FLC-main, EDC, or RCC, although some are available online. For more information, visit: www.flc.losrios.edu/~itv

All iTV courses are held to the same academic standards that apply to traditional courses. Students must attend the first class meeting in-person to remain registered in the class and to receive iTV-specific information. The first class meeting is also when students are oriented to the course and receive the course syllabus and initial handouts. Full course descriptions can be found in the college catalog under the heading for the specific course discipline.

Study Abroad Programs

Study abroad can be an enlightening, maturing, and life-changing experience. Students are challenged to re-examine themselves, their attitudes, and their studies as they learn to understand new and different cultures.

In cooperation with the American Institute for Foreign Study, the Los Rios Community College District offers unique study opportunities in cities such as London, England; Madrid, Spain; and Paris, France. For more information on how to apply, call the Study Abroad Office at (916) 691-7187.

Aerospace Studies (Air Force ROTC)

Air Force Reserve Officer Training Corps (ROTC) is available to students in the Los Rios College District through a program offered at CSU, Sacramento. The CSUS Department of Aerospace Studies offers three- and four-year programs leading to a commission in the United States Air Force. All coursework (12 to 16 semester units) is completed on the CSUS campus. Leadership Laboratory, physical fitness training, and lecture are normally offered during the early morning

hours Monday through Thursday and most of the day on Friday. Field training is conducted during part of the summer at an active duty air force base, normally between the student's sophomore and junior years.

Upon completion of the program and all requirements for a Bachelor's degree, cadets are commissioned as second lieutenants in the Air Force and serve a minimum of four years on active duty. Graduates who are qualified and are selected may enter pilot or navigator training after graduation, or serve in a specialty consistent with their academic major, individual goals, and existing Air Force needs. Graduates may request a delay of entry to active duty to continue their education or may apply for Air Force-sponsored graduate study to begin immediately upon entry on active duty.

Air Force ROTC may offer 3-year and 2-year scholarships to qualified students. Applications are accepted in any academic discipline; however, particular emphasis is usually given to applicants in the fields of engineering, computer science, mathematics, and physics.

Due to firm scheduling requirements for the Air Force ROTC program, students are encouraged to work closely with their academic advisers in planning this academic program. Application to the Air Force ROTC program should normally be no later than the first semester of a student's sophomore year. Juniors, seniors, and graduate students may also apply under certain conditions. Contact the Recruiting Flight Commander in the Aerospace Studies Department at CSUS, (916) 278-7315, for information on the program or the entry process

Graduation Requirements

Degree and Certificate Programs

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

Degree Programs: Students 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 online 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, and many others. FLC has up-to-date equipment and facilities and vocational instructors who are experts in their fields. Depending on the occupation selected, training may take from six months to two years. Students may further their education by pursuing an Associate degree or fulfilling university transfer requirements. Upon fulfillment of required courses, students can meet with a counselor to prepare a Petition for Certification form.

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

Application for Graduation

At least one semester before the planned graduation, students should schedule an appointment with a counselor to check their progress in fulfilling the graduation requirements. They should then meet with a counselor in order to submit a degree or certificate petition prior to the posted deadline for the semester in which they wish to graduate (see calendar at front of this catalog).

All official transcripts from other colleges must be submitted to the Admissions & Records office before a degree petition is submitted.

Graduation

Folsom Lake College has one graduation ceremony each year, at the end of spring semester in May. August and December graduates, and May candidates, may participate in this commencement exercise. All students who are eligible for the Associate in Arts or Science degree must petition by the deadline dates noted in the calendar in the class schedule.

Numbering for Associates Degree General Education Patterns

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

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

Associates Degree Graduation Requirements

2014-2015 Folsom Lake College
Associate Degree Graduation Requirements

Student Name: _____

ID: _____

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

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

B. MAJOR – Complete one of the degree programs listed in the Catalog with a minimum “C” grade in each course used for the major.

C. GENERAL EDUCATION - Complete a minimum of 21 units of coursework from the pattern below. **C = completed, IP = in progress, N = need**

	C	IP	N
<p>I. HUMANITIES (3 units minimum) selected from: Art History 300, 303, 304, 306, 307, 309, 311, 312, 313, 314, 318, 324, 326, 328, 330, 332, 333; Art 300, 304, 320, 322, 323, 330, 361, 370, 372, 390, 430; Communications Media 305; Communication Studies 305; Dance 380; Early Childhood Education 361; English Writing 301; English Literature 303, 310, 311, 313, 319, 320, 321, 330, 339, 340, 341, 345, 360, 370, 402; Film and Media Studies 300; French 401, 402, 411, 412; Humanities 300, 310, 320, 325, 332; Music Fund. History and Lit. 300, 310, 311, 321, 330, 400, 401; Music Specializations 370; Philosophy 304, 310, 330, 331, 338, 350, 352, 356, 358, 360; Photography 302; Sign Language 305, 306, 315, 316; Spanish 401, 402, 411, 412; Theater Arts 300, 302, 303, 304, 310, 314, 315, 320*, 350</p> <p>Course from other college: _____ College Name: _____</p>			
<p>II. LANGUAGES AND RATIONALITY (6 units minimum) Select at least 3 units from (a) and at least 3 units from (b):</p> <p>(a) English Composition selected from: Business 310; English Writing 300; English Education 305</p> <p>Course from other college: _____ College Name: _____</p> <p>(b) Communication and Analytical Thinking selected from: Accounting 301; Communication Studies 301, 311, 315, 331, 361, 363 Computer Information Science - Core 310; Computer Information Science - Programming 360, 400; English Reading 208, 310; English Writing 301, 302; English Creative Writing 400, 410, 420, 430; Geography 330; Management 360; Mathematics 110, or higher level mathematics course; Philosophy 300, 320, 328; Psychology 330, 335; Statistics 300</p> <p>Course from other college: _____ College Name: _____</p>			
<p>III. LIVING SKILLS (3 units minimum) selected from:</p> <p>(a) Any physical education activity course with a Dance (except Dance 371, 380), Fitness, Sport, Individual or Team Activities designation, totaling at least one unit. <i>Students with medical excuses on file</i> may enroll in Adapted Physical Education, or be exempt from the physical education activity course requirement. <i>Students receiving an exemption for any reason must complete a minimum of 3 units under (b) of this Section</i></p> <p style="text-align: center;">AND</p> <p>(b) Completion of a minimum of two units selected from the following: Business Technology 302, 307, 307.1, 307.2, 332; Computer Information Science – Core 300, 310; Comm. Studies 321; Early Childhood Ed. 312*, 314, 350, 415; English Education 320; Family and Consumer Science 324*; Health Education 300, 322; 351; Human/Career Development 310, 318, 330, 335, 375; Human Services 302; Interdisciplinary Studies 360; Kinesiology 300, 410, 416; Library 318; Nutrition and Foods 200, 300, 302; 308, 320, 324; Psychology 354, 356, 360, 368, 370*, 372*; Sociology 310; Work Experience (General or Subject): 198, 298, 498; Field Experience (General or Subject): 393</p> <p style="text-align: center;">OR</p> <p>(c) Military Service Credit (Honorable discharge) with minimum of one (1) year active duty service.</p> <p>Course(s) from other college(s): _____ College Name: _____</p>			
<p>IV. NATURAL SCIENCES (3 units minimum) selected from: Anthropology 300; 303; Astronomy 300; Biology 300, 307, 310, 323, 332, 350*, 400, 410, 420, 430, 440, 442, 470; Chemistry 305, 306, 321, 400, 410, 420, 421; Environmental Technology 304*; Geography 300; 306; Geology 300, 305, 310, 330, 342, 345, 351; Hort. 300; Natural Resources 302, 304, 320; Physical Science 302; Physics 310, 311, 350, 411; Psychology 312</p> <p>Course from another college: _____ College Name: _____</p>			
<p>V.(a) AMERICAN INSTITUTIONS (3 units minimum): Selected from History 312, 313, 314, 331; Political Science 301</p> <p>Course from other college: _____ College Name: _____</p>			
<p>V.(b) SOCIAL AND BEHAVIORAL SCIENCES (3 units minimum) selected from: Administration of Justice 302; Anthropology 310, 319, 320, 330; Business 320, 330, 345; Communication Studies 325, 341, 351*, 363; Communications Media 300*; Early Childhood Ed. 312*; Economics 302, 304, 320; Family and Consumer Science 324*, Geography 310; 322; Gerontology 300; History 307, 308, 344; Journalism 310*; Nutrition 310; Philosophy 360; Political Science 302, 310, 320; Psychology 300, 320, 340, 368, 370*, 372*; Sociology 300, 301, 310, 321</p> <p>Course from another college: _____ College Name: _____</p>			
<p>VI. ETHNIC/MULTICULTURAL STUDIES REQUIREMENT – Students <u>must</u> fulfill a 3-unit Ethnic/Multicultural Studies course requirement. (<i>Courses may also be used to meet General Education requirements</i>). <i>Effective term and year listed in parenthesis.</i></p> <p>Courses which satisfy this requirement are: Administration of Justice 302 (SU08); Anthropology 310 (SP04), 330 (SP04); Art History 312 (F09), 324 (F09), 328 (F09), 330 (F09), 332 (SP04), 333 (F07); Biology 323 (F09); Business 330 (SP04); Comm. Studies 325 (SP04); Dance 380 (FA10); Early Childhood Ed. 430 (SP04); English Literature 340 (SP04), 345 (SP04), 360 (SP04); Geography 310 (SP04), 322 (F12); History 308 (SP04), 331 (F12), 344 (SP04); Humanities 320 (F10), 325 (F11), 332 (SP04); Music Fund. History and Lit. 330 (SP04); Nutrition 310 (SP07); Philosophy 304 (F10), 352 (SP04), 358 (FA10); Psychology 356 (F10), 368 (SP07); Sociology 321 (SP04)</p> <p>Course from other college: _____ College Name: _____</p>			
<p>D. GRADUATION COMPETENCY REQUIREMENTS – Demonstrate college-level competence in reading, in written expression, and in mathematics. Competency in Basic Skills is satisfied by completing the following:</p> <ol style="list-style-type: none"> READING COMPETENCY – Satisfactorily passing a college level reading examination, passing English Reading 208 or 310 with a “C” grade or better, or completion of the CSU GE Breadth or IGETC pattern. Students who possess an A.A. degree or higher will have satisfied reading competency. WRITTEN EXPRESSION COMPETENCY – Completion, with a grade of “C” or better, English Writing 300; Business 310 or an equivalent course from another accredited college. MATHEMATICS COMPETENCY -- Completion, with a grade of “C” or better, Mathematics 110 or a higher level mathematics course; Psychology 330; Statistics 300 OR obtaining a satisfactory score on a mathematics competency test. 			

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

Transfer Information

Make a plan for your transfer success

Students planning to transfer to a California university should plan a program to meet the admissions and graduation requirements of the specific institution 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 junior standing. To prepare for transfer, students must decide which school they will attend and consult a counselor for the specific requirements for that particular institution and to create a written educational plan.

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

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

- Golden Gate University
- Saint Mary's University
- UC Davis
- UC Merced
- UC Irvine
- UC Riverside
- UC Santa Cruz
- UC Santa Barbara
- University of the Pacific

Students may file a transfer admission guarantee (known as a TAG) after completing a specified number of transferable units with a minimum GPA (typically a 3.0 or higher) as determined by the transfer institution. Please see a counselor for TAG details including application deadlines.

Transfer to California State University

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

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

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

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

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

Transfer to University of California

University of California System - Eligible for UC Admission after High School: Students who were eligible for admission to the university when they graduated from high school (meaning they satisfied the Subject, Scholarship, and Examination Requirements) are eligible to transfer if they have a C (2.0) average in transferable coursework.

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

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

Students who did not meet the Scholarship Requirement must:

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

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

Transfer to Private Colleges

Independent California Colleges and Universities:

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

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

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

Associates Degrees for Transfer (AD-T)

California Community Colleges are now offering associate degrees for transfer to the CSU. These may include Associate in Arts (AA-T) or Associate in Science (AS-T) degrees. These degrees are designed to provide a clear pathway to a CSU major and baccalaureate

degree. California Community College students who are awarded an AA-T or AS-T degree are guaranteed admission with junior standing somewhere in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses.

Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester or 90 quarter units.

Folsom Lake College has developed the following AA-T/AS-T degrees:

- Administration of Justice
- Art History
- Business Administration
- Communication Studies
- Early Childhood Education
- English
- Kinesiology
- Mathematics
- Physics
- Psychology

Current and prospective community college students are encouraged to meet with a counselor to review their options for transfer and explore additional degrees which may be under development at the time of publication.

Requirements

The following is required for all AA-T or AS-T degrees:

1. Minimum of 60 CSU-transferable semester units.
2. Minimum grade point average (GPA) of at least a 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult a counselor for more information.
3. Completion of a minimum of 18 semester units in an "AA-T" or "AS-T" major, which is detailed in the Courses, Degree, and Certificates section of the catalog. All courses in the major must be completed with a grade of C or better or a P if courses are taken on a "pass-no pass" basis (title 5 section 55063).
4. Certified completion of the California State University General Education-Breadth (CSU GE Breadth) pattern; OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

CSU General Education Requirements

2014-2015 Folsom Lake College CSU General Education/Breadth Requirements

A total of 39 units of lower division general education may be certified by Folsom Lake College (**note GE represents part of the 60 units required to transfer as an upper division transfer student**).
 IT IS IMPORTANT THAT THE STUDENT SEEK THE AID OF A COUNSELOR WHEN SELECTING COURSES, SINCE MANY VARIABLES, LIKE CHOICE OF MAJOR, AFFECTS APPROPRIATE COURSE SELECTION. Students completing 39 units, as specified in the General Education pattern below, may request "Certification" of completion at the time of transfer to any of the campuses of The California State University. Courses that are listed in **more than one** area may only be used to satisfy the requirements in a **single** area. Some campuses/majors limit the use of "double-counting" of courses for fulfillment of General Education/Breadth and Major requirements. See a Counselor for more information regarding limitations.

AREA A – ORAL and WRITTEN COMMUNICATION, and CRITICAL THINKING ("C" grade or better required) 9 units, with one course from each group:		COMP	IN PROG	NEED
A1	Oral Communication: Communications Studies 301, 311, 331, 361 Course from another college: _____ College Name: _____			
A2	Written Communication: English-Writing 300 Course from another college: _____ College Name: _____			
A3	Critical Thinking: Communications Studies 311, 315; English-Reading 310; English-Writing 301, 302; Philosophy 300, 320, 328 Course from another college: _____ College Name: _____			
AREA B – PHYSICAL UNIVERSE and ITS LIFE FORMS – 9 to 12 Units total, with at least 3 units from each group. At least one course from the Physical Sciences or Life Forms must include a Laboratory (A single * indicates a lab-only course, which must be completed with the associated lecture course; a double ** indicates courses with combined lecture and lab).				
B1	Physical Sciences: Astronomy 300, 400*; Chemistry 305**, 306**, 321, 322*, 400**, 401**, 410**, 420**, 421**, 422**, 423**, 424**, 425**, 426**, 427**, 428**, 429**, 430**, 431**, 432**, 433**, 434**, 435**, 436**, 437**, 438**, 439**, 440**, 441**, 442**, 443**, 444**, 445**, 446**, 447**, 448**, 449**, 450**, 451**, 452**, 453**, 454**, 455**, 456**, 457**, 458**, 459**, 460**, 461**, 462**, 463**, 464**, 465**, 466**, 467**, 468**, 469**, 470*, 471*, 472*, 473*, 474*, 475*, 476*, 477*, 478*, 479*, 480*, 481*, 482*, 483*, 484*, 485*, 486*, 487*, 488*, 489*, 490*, 491*, 492*, 493*, 494*, 495*, 496*, 497*, 498*, 499*, 500*; Geology 300, 301*, 305, 306*, 310, 311*, 330, 342, 345, 351**, 352**, 353**, 354**, 355**, 356**, 357**, 358**, 359**, 360**, 361**, 362**, 363**, 364**, 365**, 366**, 367**, 368**, 369**, 370*, 371*, 372*, 373*, 374*, 375*, 376*, 377*, 378*, 379*, 380*, 381*, 382*, 383*, 384*, 385*, 386*, 387*, 388*, 389*, 390*, 391*, 392*, 393*, 394*, 395*, 396*, 397*, 398*, 399*, 400*, 401*, 402*, 403*, 404*, 405*, 406*, 407*, 408*, 409*, 410*, 411*, 412*, 413*, 414*, 415*, 416*, 417*, 418*, 419*, 420*, 421*, 422*, 423*, 424*, 425*, 426*, 427*, 428*, 429*, 430*, 431*, 432*, 433*, 434*, 435*, 436*, 437*, 438*, 439*, 440*, 441*, 442*, 443*, 444*, 445*, 446*, 447*, 448*, 449*, 450*, 451*, 452*, 453*, 454*, 455*, 456*, 457*, 458*, 459*, 460*, 461*, 462*, 463*, 464*, 465*, 466*, 467*, 468*, 469*, 470*, 471*, 472*, 473*, 474*, 475*, 476*, 477*, 478*, 479*, 480*, 481*, 482*, 483*, 484*, 485*, 486*, 487*, 488*, 489*, 490*, 491*, 492*, 493*, 494*, 495*, 496*, 497*, 498*, 499*, 500*; Course(s) from other college(s): _____ College Name: _____			
B2	Life Forms: Anthropology 300, 301*; Biology 300, 307**, 310**, 323**, 350, 400**, 410**, 420**, 430**, 431**, 440**, 442** 470; Environmental Technology 304, Natural Resources 320**, Psychology 312** Course(s) from other college(s): _____ College Name: _____			
B4	Mathematics/Quantitative Reasoning ("C" grade or better required): Mathematics 310, 335, 343, 350, 351, 370, 400, 401, 402, 410, 420; Psychology 330; Statistics 300 Course(s) from other college(s): _____ College Name: _____			
AREA C – ARTS, FOREIGN LANGUAGES, LITERATURE and PHILOSOPHY – 9 units minimum, with AT LEAST one course from Arts, and one from Humanities				
C1	Arts: Art-History 300, 303, 304, 306, 307, 309, 311, 312, 313, 314, 318, 324, 326, 328, 330, 332, 333; Art 300, 302, 304, 305, 312, 320, 323, 327, 328, 370, 372, 430; Communication Studies 305; Communications Media 305; Film & Media Studies 300; Dance 380; Music Fundamentals, History & Literature 300, 310, 311, 321, 330, 400, 401, 410; Music Instrumental/Voice Instruction 310, 311, 370, 371; Music Performance 350, 357; Theatre Arts 300, 302, 303, 304, 310, 314, 315 Course(s) from other college(s): _____ College Name: _____			
C2	Humanities: English-Creative Writing 400, 410; English-Literature 303, 310, 311, 313, 319, 320, 321, 330, 339, 340, 341, 345, 360, 370, 402; English-Writing 301; French 401, 402, 411, 412; History 307, 308; Humanities 300, 310, 320, 325, 332, Philosophy 304, 310, 330, 331, 338, 350, 352, 356, 358, 360; Sign Language Studies 315, 316; Spanish 401, 402, 411, 412 Course(s) from other college(s): _____ College Name: _____			
AREA D (D0-D9) – SOCIAL and BEHAVIORAL SCIENCES – 9 units minimum (An ^ ^ denotes courses that satisfy CSUS' Race and Ethnicity Grad Requirement)				
TWO COURSES	American History and Institutions: can be met by one of the following combinations: 6 semester units, choose one two-course combination from Group 1 or Group 2 Group 1: One course from History 312, 313, or 331 paired with Political Science 301 OR ; Group 2: History 312 paired with one course from History 313 or 314 Course(s) from other college(s): _____ College Name: _____			
ONE COURSE	3 units, selected from the following: Anthropology 310, 319, 320, 330; Business 330, 345; Communications Studies 325^^, 341, 351*, 363; Communications Media 300*; Economics 302, 304; Early Childhood Education 312*, 314*,* Family & Consumer Science 324*; Geography 310, 322; Gerontology 300; History 307, 308, 319, 344; Journalism 310; Nutrition 310; Philosophy 360; Political Science 302, 310; Psychology 300, 312, 320, 335, 340, 368^^, 370* 372; Sociology 300, 301, 310, 321^^, 335 Course(s) from other college(s): _____ College Name: _____			
AREA E – LIFELONG UNDERSTANDING and DEVELOPMENT – 3 units minimum				
Communications Studies 321; Early Childhood Education 314*; English Education 320; Family & Consumer Sciences 324*; Gerontology 300; Health Education 300, 350; Human & Career Development 310; Human Services 302; Nutrition 300; Physical Education Activity (not more than one unit of PE activity may count in Area E); Physical Education-Theory 301; Psychology 340, 354, 356, 358, 360, 370*; Sociology 310, 335 Course from other college: _____ College Name: _____				
Military Service Credit Clears Area E: Requires copy of DD-214				

Intersegmental General Education Transfer Curriculum (IGETC)

2014-2015 Folsom Lake College Intersegmental General Education Transfer Curriculum (IGETC)

Completion of the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a California Community College to a campus in either the California State University or the University of California without the need, after transfer, to take additional lower division general education courses to satisfy campus general education requirements. All courses must be completed with a grade of "C" or better (Grades of "C-" will not fulfill this requirement). Courses that are listed in more than one area may only be used to satisfy the requirements in a single area. NOTE: IGETC is NOT appropriate for certain majors and/or campuses. Consult a counselor BEFORE choosing IGETC to fulfill General Education/Breadth requirements to make sure that it is an appropriate choice. See www.assist.org for major preparation course work required.			
AREA 1 – ENGLISH COMMUNICATION CSU – 3 courses required, one from Group A, one from Group B, and one from Group C UC – 2 courses required, one from Group A and one from Group B			
	COMP	IN PROG	NEED
Group A: English Composition, 1 course, 3 semester/4-5 quarter units English Writing 300 Course from another college: _____ Advanced Placement Score: _____			
Group B: Critical Thinking – English Composition, 1 course, 3 semester/4-5 quarter units Communication Studies 315, English Writing 301, 302; Philosophy 328 Course from another college: _____ (No AP scores accepted for this area)			
Group C: Oral Communications (CSU requirement only), 1 course, 3 semester/4-5 quarter units Communication Studies 301, 311, 331, 361 Course from another college: _____ (No AP scores accepted for this area)			
AREA 2 MATHEMATICAL CONCEPTS and QUANTITATIVE REASONING 1 course, minimum 3 semester/4-5 quarter units Math 350*, 351*, 370*, 400*, 401*, 402*; Psychology 330*; Statistics 300* Course(s) from other college(s): _____ Advanced Placement Score: _____			
AREA 3 – (A) ARTS and (B) HUMANITIES 3 Courses, with at least one course from the Arts and one course from the Humanities, 9 semester/12-15 quarter units			
(A) ARTS: Art History 300, 303, 304, 306, 307, 309, 311, 312, 313, 314, 318, 319, 324, 326, 328, 330, 332, 333; Communication Studies 305; Communications Media 305*; Dance 380; Film & Media Studies 300; Music Fundamentals, History & Literature 300*, 310, 311, 321*, 330, 400, 401, 410; Theatre Arts 300, 302, 303, 304, 310, 314, 315 Course(s) from other college(s): _____ Advanced Placement Score: _____			
(B) HUMANITIES: English Literature 303, 310, 311, 313, 319, 320, 321, 339, 340, 341, 345, 360, 402; French 411, 412; History 307, 308; Humanities 300, 310, 320, 325, 330, 332; Philosophy 300, 304, 310, 330, 331, 338, 350, 352, 356, 358, 360; Sign Language Studies 316; Spanish 411, 412 Course(s) from other college(s): _____ Advanced Placement Score: _____			
Additional ARTS OR HUMANITIES			
AREA 4 (4A - 4J) – SOCIAL and BEHAVIORAL SCIENCES 3 courses from at least 2 disciplines or an interdisciplinary sequence, 9 semester/12-15 quarter units			
Anthropology 310, 320, 330; Business 345*; Communications Studies 325^^; Communications Media 300*; Economics 302, 304; Early Childhood Education 312*; Family & Consumer Science 324*; Geography 310; History 307, 308, 312, 313, 314, 319, 331, 344; Journalism 310*; Political Science 301, 302, 310; Psychology 300, 320, 340, 351, 356, 360, 368^^, 370* 372*; Sociology 300, 301, 310, 321^^			
Course(s) from other college(s): _____ Advanced Placement Score: _____ ^^Indicates courses that satisfy CSUS' Race and Ethnicity Graduation Requirement			
AREA 5 (A/B) – PHYSICAL and BIOLOGICAL SCIENCES At least 2 courses, one Physical Science course and one Biological Science course; at least one course must include a laboratory (Lab indicated by "**"), 7-9 semester/9-11 quarter units			
(A) PHYSICAL SCIENCES: Astronomy 300, 400**; Chemistry 305**, 306**, 321, 322**, 400**, 401**, 420**, 421**; Geography 300, 301**, 306; Geology 300, 301**, 305, 306**, 310, 311**, 330, 345; Physical Science 302**; Physics 310, 311, 350**, 360**, 411**, 421**, 431** Course(s) from other college(s): _____ Advanced Placement Score: _____			
(B) BIOLOGICAL/LIFE SCIENCES: Anthropology 300, 301**; Biology 300, 307**, 310**, 323**, 350, 400**, 410**, 420**, 430**, 431**, 440**, 442**, 470; Environmental Technology 304; Natural Resources 320**; Psychology 312** Course(s) from other college(s): _____ Advanced Placement Score: _____			
AREA 6(A) – LANGUAGE OTHER THAN ENGLISH (UC requirement only) Proficiency equivalent to two years of High School study in the SAME language. Grades of "C" or better required. Complete either: French 401, Sign Language Studies 305, Spanish 401 OR earn a score of 3 or higher on the foreign language Advanced Placement Test OR 550 on the College Board Achievement Test in Foreign Language Course from another college: _____ Completed in High School (H.S. Transcript required): _____ Other (specify Advanced Placement or other exam): _____			
CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION, and AMERICAN IDEALS (Not part of IGETC; <i>may</i> be completed prior to transfer). 6 semester units, choose from one group below. Group 1: Political Science 301 plus one course from History 312, 313, 331 Group 2: History 312 paired with one course from History 313 or 314 Course(s) from other college(s): _____ Advanced Placement Score: _____			

Student Development Programs and Services

Assessment Services

FLC (916) 608-6573; EDC (530) 642-5649;
RCC (916) 255-0717

FLC provides a variety of testing services to assist students in determining appropriate course placement. Free course placement assessments are available year-round for English, reading, mathematics, and English-as-a-Second-Language (ESL). Availability is on a first-come, first-served basis. Competency exams to meet reading competency requirements are also available during regularly scheduled assessment sessions. Competency exams to meet math competency requirements can be arranged by appointment. A monthly testing schedule is available online at www.flc.losrios.edu or in the Student Services lobby. Students with special testing needs should call Assessment prior to the testing date to arrange for accommodations.

Associated Students of Folsom Lake College

(916) 608-6591 or (916) 608-6603

Associated Students of Folsom Lake College (ASFLC) is the official student governing body on campus. This organization, recognized by the Los Rios Board of Trustees, operates under the direction of the Office of Student Life.

The purpose of the ASFLC is to provide leadership and support for the student body, ensure student representation in the participatory governance process of the College and the District, establish open communication among the students, faculty, staff, and administrators of the sites, and promote the intellectual and social life of students through authorized clubs and college activities. Representatives who serve on college committees are appointed by the elected Student Senate President and may also serve on district-wide committees.

Being an ASFLC 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 five (5) units or more with a cumulative G.P.A. of at least 2.0 are eligible to serve as ASFLC officers, either on the Student Senate or the Clubs and Events Board.

Clubs and Organizations: These activities offer diversified social and educational opportunities. Each

club must have a faculty advisor and be approved by the Office of Student Life. Anyone interested in forming a club or student organization should contact the Office of Student Life.

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

For more information, call the numbers above or go to the college's homepage at www.flc.losrios.edu and choose "Associated Students of Folsom Lake College" from the Quick Links menu.

Athletics

(916) 608-6812

Folsom Lake College launched its intercollegiate athletics program in spring 2010, offering men's golf, women's tennis and men's tennis. In fall 2010, the college added women's golf. In fall 2013, the first team sport, women's soccer, was introduced. Fall 2014 will mark the inaugural season of men's soccer. Additional outdoor sports to be introduced over the next five years include: baseball, cross country, softball, and track and field. Upon completion of the new spectator and practice gymnasium, the college plans to introduce basketball, volleyball, wrestling and women's badminton.

Folsom Lake College intercollegiate athletics, an integral program within the Kinesiology, Health, and Athletics (KHA) department, is committed to providing quality athletic and academic programs that enrich and empower students to reach their full potential as informed and productive members of their community. Folsom Lake College intercollegiate athletics will provide the student athletes with opportunities that will lead to their academic success and personal development as well as foster self-fulfillment through athletics. The individual rights and academic goals of the student athlete will not be compromised by the desire of the college to conduct successful athletic programs. Participation in the athletics program will augment the student's formal education and will teach the life skills of cooperation, teamwork, perseverance, and mutual respect. The college is devoted to abiding by the rules and regulations set forth by the California Community College Athletics Association

(CCCAA), the Bay Valley and Big 8 conferences, and Folsom Lake College's vision and mission statements.

If you are interested in participating in intercollegiate athletics at Folsom Lake College, please contact Athletic Coordinator Ron Richardson at (916) 608-6812 or complete an interest form by visiting the athletics section of the website.

CalWORKs

FLC/EDC (916) 608-6638; RCC (916) 255-4450

CalWORKs supports and guides students who are currently receiving cash aid from the county through college and county requirements. We have many services to offer qualified students:

- Advising, Advocacy, and Referral Services
- Connections to Counseling
- Educational Plan Development
- Textbook and Enrollment Verification Assistance
- Job Placement/Development Support
- On/Off Campus Work Study Placements
- Schools Supplies & Child Care Referrals

CARE (Cooperative Agencies Resources for Education)

FLC (916) 608-6560; EDC (530) 642-5648;
RCC (916) 255-4810

The CARE Program is a state-funded program providing academic, career, and personal counseling; campus and community referrals; transportation financial assistance; school supplies; CARE grants; early registration; transfer assistance; and support workshops to eligible students.

To be eligible, a student must be:

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

Career & Transfer Services Center

(916) 608-6526

The Career and Transfer Services Center is a resource center designed to assist Folsom Lake College students in developing their career and transfer plans and the skills necessary to pursue their future careers.

The center is located on the lower level of the Falcon's Roost, Folsom Main Campus, near the College Store and Campus Life.

Career services include:

- Self-discovery and career exploration resources.
- Success skills training: decision making; resumes and interviewing; balancing work and school.
- Career events, activities and workshops.
- Career counselor guidance: connecting career and academic interest.
- Access to our Career Encounter Program: career exploration guidance.
- Job search resources.
- Computer lab access and virtual and hardcopy resources.

University and college transfer services include:

- Annual transfer fair: fall semester.
- University and college visitations: representatives from a variety of universities and colleges visit campus to meet with students (appointment or drop-in basis).
- Transfer reference materials: schedules, books, flyers, university and college application and event information.
- Workshops, events and activities: assisting students with the transfer process.
- Computer Lab Access.

Please visit or call the Career and Transfer Services Center for more information: (916) 608-6526. To schedule a visiting university or college representative appointment call: (916) 608-6526 (FLC) or (530) 642-5645 (EDC).

College Store

FLC (916) 608-6565; EDC (530) 642-5656;
RCC (916) 608-6565

In addition to required and optional textbooks, the college stores sell a variety of school and office supplies, study aids, computer software, clothing, snacks, and souvenirs. The stores offer day and evening hours. Please visit the college store website at: <http://bookstore.flc.losrios.edu> to purchase course materials, for inquiries about specific merchandise, payment options, and store hours. Students should bring a copy of their class schedule when purchasing textbooks.

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

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

Computer Labs

FLC (916) 608-6702; EDC (530) 642-5689;
RCC (916) 255-4555

Staffed Computer Labs are open to all registered students. These facilities are available to meet your computer needs while on campus. Each lab has knowledgeable staff available for assistance. To sign up for computer access, students need their current class registration and photo ID or a current student access card. Hours of service vary at each site. Please call or check the posted schedule website to confirm when each location is open. Also, wireless access is available to students with login information at the main Folsom campus and El Dorado Center.

Counseling

FLC (916) 608-6510; EDC (530) 642-5645;
RCC (916) 255-3432

Counselors are available throughout the year on an appointment, drop-in, or electronic 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 covering topics such as College Success, Study Skills, Transfer, and Career Exploration.

District Police

(916) 558-2221

The police department is a P.O.S.T. certified agency and provides both law enforcement and security services

to students. In addition to assisting and handling cases of emergencies, they handle all parking enforcement, lost and found, vehicle jumpstarts and lockouts, and escorts. The Los Rios District Police Office is located on the Folsom campus in the Falcon's Roost building #FR-140. The Police Office at the El Dorado Center is in Building 2, room B-128.

DSP&S -

Disabled Student Programs & Services

FLC (916) 608-6611; EDC (530) 642-5630

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

Physical, Psychological, and Learning Disabilities:

Students with the following documented disabilities are eligible to receive support services and academic accommodations: mobility impairment, blind and visual impairment; deaf and hearing impairment; psychological and mental health disabilities; attention deficit disorder (ADD/ADHD) and other medical disabilities that require special assistance.

Students of average or above learning aptitude with a Specific Learning Disability that significantly impacts their educational progress also receive support services and accommodations. Students must submit documentation of their learning disability from another school, college or the appropriate professional. In addition, testing and assessment services are available, on a limited basis, at Folsom Lake College.

Academic Accommodations:

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

- Testing accommodations, including an extension of time, distraction-reduced testing, use of a calculator, spell checker, computer, or modification of the test response format.
- The use of equipment and materials such as a tape recorder, calculator, electronic text or spell checker in the classroom and in completing class assignments.
- The use of personnel such as sign language interpreters, note-takers (while attending class), and readers and scribes for test situations.

- **Alternate Print Format:** Alternate formats, including electronic text, books on compact disc or MP3, large print materials and braille, accommodate specific visual processing disabilities. Students who require alternate formats of college publications and resources should check with DSP&S. These are obtained in the timeliest manner possible.

Support Services:

Folsom Lake College also provides a variety of support services to students with disabilities. These include: counseling and disability management assistance, alternate media instruction, priority registration, study strategy consultation and orientations to the campus.

If an academic accommodation is requested that is not listed, the request should be discussed with the DSP&S staff. If not available, the request can be forwarded to the Vice President of Student Development and Enrollment Management for further consideration. (The student has a right to appeal decisions regarding academic accommodations.)

Please contact the DSP&S Office for more information.

Employment Opportunities

Students may work on or off campus at any of the three sites through a variety of programs. On-campus employment is limited to a maximum of 26 hours per week (all program sources). Students may also be employed as part of their financial aid package and should consult the Financial Aid Office. A job board provides resources to employment off-campus.

Students can also take advantage of the Los Rios Internships & Career Services (LINCS) program; for more information go to www.losrios.edu/lrc/lincs.php

EOP&S - Extended Opportunity Programs and Services

FLC (916) 608-6560; EDC (530) 642-5648;
RCC (916) 255-4810

EOP&S provides support to educationally and economically disadvantaged students in pursuit of their academic and career goals. To this end, we offer a number of services to encourage personal and professional growth, enrollment and retention, and transfer to four-year universities. The following comprehensive support services are provided to eligible students at each site:

- Early registration each semester
- Book service program
- Connections to academic, career, and personal counseling
- Career/major exploration

- CARE program
- Application fee waivers (CSU, UC)
- Workshops
- Multi-lingual Services

To be eligible, a student must:

- Be a California resident
- Be enrolled in 12 units (some students with exceptional conditions may be accepted at a reduced load)
- Qualify to receive the Board of Governors Waiver (BOGW - method A or B)
- Not have completed more than 50 units of degree applicable units.
- Submit an application to the EOP&S program
- Meet specific income and educational criteria as established by EOP&S
- Complete English and math assessments
- Complete the college orientation
- Develop an Education Plan with a counselor

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

Financial Aid Services

FLC (916) 608-6646; EDC (530) 642-5651;
RCC (916) 255-5211

Financial aid is available for students who need help in meeting their educational costs. Detailed information about the financial aid process and deadlines can be obtained on line at www.flc.losrios.edu (click on the Financial Aid quick link) or at the Financial Aid Office. Financial assistance for students may include: grants, federal work-study, loans, and various FLC Foundation scholarships, as well as privately supported scholarships for students in particular fields. In addition to the general financial aid programs, the BOG Fee Waiver is available online at www.losrios.edu/lrc/lrc_fin-aid.php. The BOG Fee Waiver pays the community college enrollment fee for eligible students. If your income exceeds the income standards you might still qualify by completing the 2014-2015 Free Application for Federal Student Aid (FAFSA) at www.fafsa.gov. The FAFSA allows for higher income standards for the BOG Fee Waiver. The financial aid staff is available by appointment or drop-in basis to assist students and their parents. For additional information, please refer to the "Financial Aid" section of this catalog.

FLC Reading and Writing Center and EDC English Center

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

The Reading and Writing Center and English Center are supportive and personalized learning environments. By enrolling in one or more of the classes the Centers offer, you can receive innovative, individualized, and quality instruction in reading, writing, and language skills. The Reading and Writing Center is located in Cypress Hall room FL2-239 on the Folsom campus. The English Center is located in room C-213 at the El Dorado Center. These ideal locations have spacious room with tables and chairs for individual work, breakout rooms for group work, a computer lab for word processing, electronic library research, and online access. Both Centers also have drop-in services.

Health & Wellness Services

(916) 608-6782

The Health and Wellness Services office (FL1-52 & 53) is located in Student Services on the Folsom campus (Aspen Hall). Services are provided by College Nurse Mary Hansen, RN, PHN, MSN.

Wellness Services are offered at all FLC campuses – please check the Health and Wellness Services website for specifics.

Mission

FLC Wellness Services aims to align with Folsom Lake College's mission by:

- Offering accessible, innovative preventative care and health promotion activities and outreach that empower students to stay healthy and successfully reach their educational goals.
- Introducing students to the concept of the Wellness Model to help them create a lifelong foundation of health.
- Developing and maintaining collaborations and partnerships on the campus and in the community that are responsive to the diverse backgrounds, perspectives, and needs of those who seek services.

Nurse-Directed Services

Wellness Services emphasizes health and wellness promotion and illness prevention. Most services and all workshops are free to students. Services include:

- Outreach & Prevention Services - Events (i.e.: fall semester's Health & Wellness Day), workshops, classroom visits or guest lecturing, and campus presentations.
- First Aid - Although Campus Police are "first responders", the College Nurse is often dispatched

for accidents and sudden illness on campus.

- Assessment of Medical Problems - The College Nurse can help a student develop a plan to manage chronic conditions, can provide instructions for self-care of an illness or injury, and/or give referrals to appropriate community resources that can meet a client's unique needs.
- Wellness Advising & Support for mind/body/spirit - assessing of client's needs and problems; working with client on solutions and providing referrals as needed for therapy or mental health counseling.
- Health Insurance Information - Student accident and illness insurance information.
- Tuberculin Skin Testing - \$5 fee for students (pay at Business Services in the Administration Building). TB testing is not done on Thursdays and results must be checked by the nurse 48 to 72 hours after the TB test has been placed.
- Health and Wellness Information & Brochures.
- Drug and Alcohol Abuse Information & Referrals.
- Smoking Cessation Information & Assistance.
- Over-the Counter Medications - There is a medication vending machine by the Nurse's office with several over-the-counter medications.

Medical diagnosing, medical treatments, lab testing, and prescription medications are not available at Wellness Services as there is no Medical Doctor on campus.

Confidentiality

All Wellness Services visits are kept strictly confidential according to State and Federal regulations and HIPAA (Health Information Portability and Accountability Act).

Other Information

Wellness Services has limited services between terms. For updates, call 916-608-6782.

Publications/Website

(916) 608-6993

This college catalog is an important resource for student success, including current information on available services, course/program selection, and graduation and transfer requirements. Students should consider using the catalog as a resource throughout the year.

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

Tutorial Services

(916) 608-6814

The Tutorial Services Program offers students free tutoring assistance for their college courses, with the exception of English or related reading/writing skills, all of which are provided at the Folsom campus by the Reading and Writing Center and at EDC by the English Center. The Tutorial Program offers individualized and small group tutoring in various subjects, dependent upon the availability of qualified peer tutors. Tutorial Services are available on a drop-in basis during the posted tutoring hours. Given the availability of student tutors, tutoring hours may change over the course of the semester, so students should regularly check the current tutoring schedule. For more information, go to: www.flc.losrios.edu/student-services/student-success/tutoring

Veterans Resource Center

(916) 608-6898

The Veterans Resource Center provides Veteran students with a welcoming place to receive support, information, and camaraderie, including a space where they can work on homework, interact with fellow veterans, and get one-on-one assistance from staff who are current VA students at the college. It is located in Aspen Hall next to Admissions and Records.

Cooperative Work Experience & Internship Programs

(916) 608-6552

Cooperative Work Experience Education is an academic program which allows students to apply what they have learned in the classroom to a work environment. Upon completion of their Work Experience (WEXP) orientation course, students may earn 1-4 units of transferable credit with a letter grade. Work Experience serves: college interns, volunteers, and employees. Positions may be paid or unpaid.

Libraries

Folsom Lake College Library (FLC)

(916) 608-6613

www.flc.losrios.edu/libraries

El Dorado Center Library (EDC)

(530) 642-5695

www.flc.losrios.edu/edc-library

Libraries are central to inquiry and learning. They support the college course offerings by providing access to information through their collection of books, periodicals, media, and online resources. The libraries provide reserve, reference, circulation and interlibrary loan services.

The libraries at both FLC and EDC are great places to find reliable information and to study. They are equipped with research computers and fee-based photocopiers and printers. Study rooms are available for group or individual study. FLC Library also has a large silent study room with research computers.

Any behavior that is disruptive to library use is against library policy. Students who violate library policy will lose library privileges and may be subject to college disciplinary action.

Librarians

Librarians provide one-on-one research help at all three campuses. Students can come to or phone the FLC main campus Library Reference Desk, use the Ask-A-Librarian email form or attend one of the drop-in library instructions. The drop-in schedule is available on the FLC library homepage. EDC and RCC students can also contact the Outreach Librarian (roundtl@flc.losrios.edu) to make an appointment for research help at the Centers.

Instructors may also bring classes to the library for course-related library instruction. To develop in-depth research skills, the library offers credit courses (see the Library listing in the Course, Degree, & Certificate Offerings section of this catalog). These courses are designed to make your academic research easier and more rewarding.

Library Card

Your Student Access Card is your Los Rios Community College (LRCCD) Library Card, as well as your official College Photo ID, Universal Transit Pass (with a current sticker), and GoPrint Card. Cards can be obtained in the FLC and EDC Computer Labs. Your card is valid at any of the LRCCD Libraries: American River College, Cosumnes River College, El Dorado Center, Folsom Lake College, and Sacramento City College. The card must be presented at the library's Circulation Counter when borrowing books and other library materials.

A lost or stolen card must be reported immediately, as you remain responsible for any material checked out on that card.

Students who violate library policies may lose library privileges and/or be subject to college disciplinary actions.

Library Catalog

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

Online Research Databases

In addition to the print and media collections, the libraries provide online access to a variety of library research databases that contain full-text journals, magazines, and newspapers, as well as books and encyclopedias. The library databases are available to LRCCD students, staff and faculty. They are accessible through the library homepages. When off campus, you will need your LRCCD Student ID number (example: w1234567) and password (this is the same password used by eServices, Desire2Learn and for logging on to campus computers). Ask a librarian if you need assistance using the databases.

Reserve Materials

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

Loan Periods

General circulating books check out for 21 days and may be renewed once unless there is a hold on the item(s). You may check out up to 7 general circulating books at a time. General circulating media check out for 7 days and may be renewed for an additional 7 days. You may check out 2 general media at a time. Reserve materials check out for 2 hours (Library Use Only), 1 day, 3 days, or 7 days. You may check out 2 reserve items at a time.

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

Overdue Fines

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

Fine rates	Per item
General circulating books & media	\$0.50 per day
1-day, 3-day, 7-day reserve materials	\$1.00 per day
2-hr reserve materials (Library Use Only)	\$1.00 per hour

The maximum fine for overdue Reserve materials is the current replacement cost of the item, or a \$50 minimum charge, whichever is greater. An additional processing fee of \$10 will also be charged for items not returned.

Lost and Damaged Materials

Library materials that are lost or damaged will have a current replacement cost, plus a \$10.00 non-refundable processing fee. Out-of-print materials will be reviewed by library faculty and staff to assess current replacement cost and also incur the \$10.00 non-refundable processing fee.

Financial Aid

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

The basic premise for all need-based financial aid programs is that the primary responsibility for financing a student's post-secondary education rests with the student and his/her family. Student financial aid is intended to assist with those educational costs that remain after the student's resources and 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 new academic year, beginning January 1st and preferably by March 2nd to be eligible for maximum aid. FAFSA on the web worksheets are available at the Financial Aid Office or on the web at: www.fafsa.gov. The FAFSA Title IV federal school code for Folsom Lake College is: 038713.

Once the FAFSA is submitted online, a Student Aid Report (SAR) will be emailed or mailed directly to the student and a duplicate version will be transmitted electronically to the designated school. After the Folsom Lake College Financial Aid Office receives the student's electronic FAFSA information, the students will be notified via email regarding any additional documents needed in order to complete their file. The file review process can take up to 10 weeks. If selected for verification, a student must complete all verification documentation as required by federal guidelines.

Folsom Lake College participates in the following programs:

BOG Fee Waiver

This program waives your enrollment fees for the academic year (summer session and fall/spring semester) and does not require repayment. Only one application per year is necessary and you must reapply each year. The deadline to apply is the last day of the Spring 2015 semester. Applications are generally available online mid-April, for the Summer 2014, Fall 2014, and Spring 2015 semesters. The BOG Fee Waiver online application is at: www.losrios.edu/lrc/lrc_fin-aid.php or the BOG Fee Waiver paper application can be found at: www.flc.losrios.edu (click on the "BOG Fee Waiver" Quick Link).

Eligibility:

- Must be a California resident or an eligible AB540 student*.
- *AB540 students are those who are an undocumented resident or out-of-state resident, and
 - Attended high school in California for three or more years, and
 - Graduated from a California high school, or received its equivalent.
 - Undocumented residents must complete an affidavit saying you have filed (or will file when you are eligible to do so) for legal immigration status with the Admissions and Records Office at FLC.
- Complete a simple application form available online or in the Financial Aid Office.
- Be prepared to provide proof of eligibility. There are four methods by which you may qualify:

Special Classification: Dependents of Veterans or National Guard; recipient or the child of a recipient of the Congressional Medal of Honor; a dependent of a victim of the September 11, 2001 terrorist attack; or a dependent of a deceased law enforcement/ fire suppression personnel killed in the line of duty. Recipients must bring documentation in order to qualify. Documents submitted for special classifications must be dated for the current award year.

Method A: TANF/CalWORKs, SSI/SSP, or General Assistance recipients must bring documentation (aid verification summary, last voucher, or check) in order to qualify. Documents submitted will be accepted only if they are dated within the last 30 days.

Method B: If you meet household (low) income standards (see chart). Dependent students must use the parent's income (do not include the student's income). Income includes adjusted gross income, wages not reported on a tax return, all untaxed income and cash received or any money paid on your behalf.

Note: Applicants must qualify for Method A or B in order to receive a reduced parking fee.

Method C: If you have completed a Free Application for Federal Student Aid (FAFSA) and have been determined to have \$1,104 of "financial need" based on Federal calculation.

2014-2015 BOGFW Income Standards

<u>Family Size</u>	<u>2013 Income</u>
1	\$17,235
2	\$23,265
3	\$29,295
Each Additional Family Member	\$6,030

Federal and State Grants*Federal Pell Grant*

This program aids students who have not yet received a bachelor's degree from any institution. The Pell Grant is intended to be the "foundation" of a student's financial aid package with other sources of aid to supplement it. Eligibility will vary according to enrollment status and federally determined Expected Family Contribution (EFC). The duration of eligibility for receiving a Federal Pell Grant is limited to 12 semesters at full-time enrollment or the equivalent for a total of 600% lifetime eligibility used.

Federal Supplemental Educational Opportunity Grants (FSEOG)

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

State Cal Grants

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

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

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

Cal Grant B: Aids students from low-income and disadvantaged backgrounds. This grant may be used at a community college or a university for up to four years.

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

Students who meet the AB540 criteria are also eligible to apply for and receive state-funded financial aid including Cal Grants and Chafee Grant.

Part-time Employment (money earned)*Federal Work Study Program (FWS)*

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

Scholarships (do not require repayment)

Scholarship awards are available for students who are interested in particular fields of study, who are members of underrepresented groups, who live in certain areas of the country, or who demonstrate financial need. The Financial Aid office maintains a list of local, state, and national scholarships. Enrollment verification is usually required. Scholarships from many donors are available for the student who is returning for a second year, as well as for the student who plans to transfer to a four-year institution. The number of awards depends on the number of applications and funds available. Scholarship information is available online at www.flc.losrios.edu (click on the "Scholarships" Quick Link).

Foundation Scholarships

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

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

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

Federal Direct Loan Program (Unsubsidized)

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

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

- Complete a Free Application for Federal Student Aid (FAFSA)

- Be enrolled in at least six units
- Receive award letter for other forms of federal/state financial aid
- Attend a loan entrance informational workshop to obtain loan applications and additional important information for online loan entrance counseling.
- Complete loan exit counseling when enrollment drops below six units, withdraws, or graduates from the college.

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

Requirements for Federal/State Financial Aid

Eligibility for financial assistance is determined by:

- Demonstrated financial need. Financial need exists when the cost of education exceeds all of the resources available to a student. This need must be determined each academic year for which a student applies.
- Being a U.S. citizen, a permanent resident, or status as a resident alien with the appropriate visa.
- Registering for Selective Service: Federal and state laws require that men between the ages of 18-25 register with the U.S. Selective Service System to be eligible for school Financial Aid (50 U.S.C. App. 451, et seq.)
- Being enrolled or accepted for enrollment as a regular student working towards a degree or certificate in an eligible program.
- Having a high school diploma, Education Development (GED) Certificate, or passing the CA Proficiency Exam. Effective July 1, 2012, students without a high school diploma or its equivalent are ineligible for title IV funds. Students who completed a home-schooling curriculum are considered to have received a high school diploma or its equivalent. Only students enrolled in an eligible program at FLC prior to July 1, 2012 who have completed six degree applicable or transfer units are grandfathered in to satisfy the high school diploma requirement. ATB test passed at any Los Rios district college campus are acceptable at FLC. Note that FLC reserves the right to evaluate High School diploma(s). The Vice President of Student Services or his/her designee may, at any time, request a copy of a high school transcript or other documentation to validate the authenticity of the High School diploma. The decision of the Vice President of Student Services or his/her designee is final and cannot be appealed.

- Making Satisfactory Academic Progress (SAP). Congress and the Federal Department of Education award funds to students who are making satisfactory progress toward their educational goal. SAP is defined by the Federal Department of Education as 150 percent of normal length of time for a student to achieve an educational objective. Therefore, the Financial Aid Office is required to monitor academic progress and deny aid to any student who fails to meet satisfactory academic progress as measured by:

1. Maintain a minimum of a 2.0 FLC Cumulative Grade Point Average (GPA)
2. Maintain Progress - Successfully complete at least 75% of units enrolled
3. Total Units (Maximum Time Period) - Students may attempt up to 72 units or a maximum of 150% of the program length toward the completion of a degree or certificate program. Students who have completed a degree (including a foreign degree) or attempted 72 or more units will be denied financial aid. Students who have attempted more than 150% of the units required for a certificate program will be denied financial aid. Units completed at other colleges or taken without the assistance of financial aid are calculated into the total number of units attempted. Up to 30 earned units of remedial coursework at FLC may be deducted from the total units accumulated (this includes Math, English, HCD, and ESL coursework). ESL classes are counted towards the total number of units attempted. Students who enroll in ESL or excessive remedial courses that don't apply to their degree or certificate may exhaust their financial aid eligibility prior to completing their program.

A student may be placed on financial aid dismissal for not meeting SAP. Students with extenuating circumstances may be able to file a Financial Aid Appeal to reinstate financial aid. A student will be placed on financial aid probation if the Financial Aid Appeal is approved. If the student fails to meet SAP while on probation, financial aid will be denied. Read the financial aid SAP policy and Appeal Eligibility criteria to determine if you are eligible to appeal.

Basis for Denial of Financial Aid

Financial Aid may be denied for the following reasons:

- Default on Federal Student Loans.
- Owing a refund or repayment on Pell or FSEOG.
- Failure to meet the SAP standards adopted by FLC for financial aid recipients.

- Completion of an AA or AS Degree, attempting 72 or more units, or attempting 150% of the units required for a certificate program.
- Falsification of information that affects the determination of eligibility or aid.
- Failure to provide necessary verification/ documentation of income and resources.

Policies on the Rights of Individuals

Los Rios Community College District Non-Discrimination Policy

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

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

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

Inquiries regarding this policy may be directed to the Equity Officer at (916) 608-6752; Gender Equity Coordinator (Title IX, Section 504) and ADA Officer, Vice President of Administration at (916) 608-6555; the Los Rios Community College District, Assistant Chancellor of Human Resources, 1919 Spanos Court, Sacramento, CA 95825, (916) 568-3116, or to the Director of the Office of Civil Rights, U.S. Department of Health, Education and Welfare, Washington, D.C.

Política Contra La Discriminación

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

conversar en un idioma que no sea inglés, en ninguna de sus funciones o actividades, incluyendo el empleo.

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

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

Diversity/Equity Commitment

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

Title IX (Sex Discrimination)

Folsom Lake College and Los Rios Community College District are committed to eliminating all forms of unlawful discrimination and sexual harassment.

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

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

Unlawful Discrimination/Sexual Harassment/Sexual Assault Complaints (Title IX Coordinators)

For the institution's compliance efforts on gender discrimination, sexual harassment, retaliation, sexual assault, athletics equity, and related civil rights investigations, contact the following:

Kathleen Kirklin, Vice President of Administration, (916) 608-6555

- Title IX Coordinator
- Employee-Employee Complaints
- Student-Classified Employee Complaints

David Williams, Equity Officer, (916) 608-6752

- Student-Faculty Complaints
- Student-Student Complaints

For Sexual Assault or a threat of sexual assault, contact:

- Kathleen Kirklin, Vice President of Administration, (916) 608-6555
- David Williams, Equity Officer, (916) 608-6752
- Los Rios Police, (916) 558-2221

Athletics, contact: Kim Harrell, Dean of Instruction, (916) 608-6686.

Discrimination and Harassment

Discrimination Categories Protected under Title 5:

- Age
- Ethnic Group Identification
- Physical Disability
- Retaliation
- Ancestry
- Mental Disability
- Race
- Sex (includes Harassment)
- Color
- National Origin
- Religion
- Sexual Orientation

Other Types of Harassment:

Bullying

Harassment that can occur on the playground, school, in the workforce, or any other place. Usually physical and psychological harassing behavior perpetrated against an individual, by one or more persons.

HB 1576 defines "bullying" to mean recklessly or intentionally endangering the health or safety of a student by exposing the student repeatedly and over time to physical aggression or intimidation, whether through direct physical contact or through the use of information or communication technology, resulting in bodily injury or other harm to person or property. This definition does not supersede or limit any definition

of bullying developed by the Board of Education or the actual codes of student conduct adopted by school boards pursuant to § 22.1-279.6. Bullying is punishable as a Class 1 misdemeanor.

Workplace Bullying is repeated, health-harming mistreatment of one or more persons (the targets) by one or more perpetrators that takes one or more of the following forms: verbal abuse; offensive conduct/ behaviors (including nonverbal) which are threatening, humiliating, or intimidating; work interference - sabotage - which prevents work from getting done.

Psychological harassment

This is humiliating or abusive behavior that lowers a person's self-esteem or causes them torment. This can take the form of verbal comments, actions, or gestures. Falling into this category is workplace mobbing.

Racial harassment

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

Religious harassment

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

Sexual harassment

Harassment can happen anywhere but is most common in the workplace and schools. It involves unwanted and unwelcome words, deeds, actions, gestures, symbols, or behaviors of a sexual nature that make the target feel uncomfortable. Gender and sexual orientation harassment fall into this family.

Stalking

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

Mobbing

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

Hazing

To persecute, harass, or torture in a deliberate, calculated, planned manner. Typically the targeted individual is a subordinate, for example, a fraternity pledge, a first-year military cadet, or somebody who is considered “inferior” or an “outsider.” Hazing is illegal in many instances.

Backlash

Backlash or “victim blaming” occurs when the harasser or other people in the environment blame the victim for the harassment or the resulting controversies and conflicts after the harassment is reported or discovered. Backlash results when people erroneously believe the victim could stop the harassment if they really tried, or that the victim must have done something to cause the harassment. The victim may be accused of trying to get attention, covering for incompetence, or in cases where the harassment is proven, lying about the extent of the effects. “Old school” attitudes about certain kinds of harassment remain and there are in many circumstances social pressure for victims to “keep their mouths shut” about abuse or suffer the consequences.

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 at (916) 608-6752.

Age, Marital Status, Religion

Folsom Lake College does not discriminate on the basis of age, marital status, religion, or sexual orientation. Referrals may be made to the Equity Officer at (916) 608-6752.

Gender Harassment

Sex discrimination in the form of gender harassment consists primarily of repeated comments, jokes, and innuendoes directed at persons because of their gender or sexual orientation. This behavior typically is not

aimed at eliciting sexual cooperation, but, like racial harassment, it contaminates the learning and work environment and has no place at Folsom Lake College.

Examples of gender harassment include the following:

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

Sexual Harassment Policy

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

Definition of sexual harassment

- 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.

The victim does not have to be the person harassed but could be anyone affected by the offensive conduct.

- 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, when possible, confidentiality will be maintained and that due process will be followed with respect to both parties. In the case of a student, it shall not affect grades, class selection, or other matters pertaining to his or her status as a student. In a situation where evidence is found that an allegation of sexual harassment is brought solely for the purpose of vexation, the appropriate disciplinary action will be taken. Sexual harassment policy, procedural steps, and forms are available from the campus Equity Officer,

(916) 608-6752 or Vice President of Administration, (916) 608-6555.

Faculty Statement of Professional Ethics

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

Statement of Principles on Academic Freedom

(American Association of University Professors)

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

Los Rios Colleges Federation of Teachers Statement on Academic Freedom

The LRCCD and LRCFT agree that Academic Freedom is essential for the fulfillment of the educational mission of the District and for the ability of faculty members to perform their professional duties. In addition, Academic Freedom ensures faculty member's rights and obligations of Professional Protection, Autonomy and Responsibility.

Professional Protections—faculty members shall be protected from:

- censorship, restraint, or dismissal in their ability

to study, investigate, present, interpret, or discuss the relevant facts and ideas within the assigned curriculum and outline.

- extraneous considerations such as a faculty member's ethnicity, race, religion, political beliefs or affiliation, sexual orientation, or disability being used in evaluations of professional performance.

Professional Autonomy

Faculty members have the principle right and responsibility to determine the methods of instruction, the planning and presentation of course materials, and the fair and equitable methods of assessment in their assignment in accordance with the approved curriculum and course outline and the educational mission of the District in accordance with state laws and regulations.

Professional Commitments and Obligations—all faculty members should:

- conduct a classroom environment that is conducive to student learning, growth, and development; in which students are free from discrimination, prejudice, and harassment; and in which students are free to express relevant ideas and opinions.
- clearly differentiate to students the expression of a faculty member's personal opinions or convictions from the objective presentation of theory, fact, or ideas.
- adhere to District procedures for using approved materials and resources.

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

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

Classified Staff Code of Ethics

1. Acknowledging that faculty and student sensitivities need to be respected at all times, we must appreciate that remarks regarding gender, race, religion, ethnicity, physical or learning disability, or sexual orientation are appropriate only in an educational context.
2. We should always demonstrate both the substance and the appearance of propriety at all times regarding any gifts or other favors received from students, faculty, administrators, or the community.
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 Dean of Student Services;

and, refer faculty to their 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.
6. If a staff member has a concern about a potential breach of this code of ethics, they should consult with their supervisor/manager.

Approved by the Folsom Lake College Classified Senate, February 2013.

Management's Code of Ethics

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

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

Adopted by the Folsom Lake College Administration on March 12, 2008. Revised by the Folsom Lake College Management, March 2013.

Student Rights and Responsibilities

Essential Elements of a High-Quality Education

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

Every student has the right to:

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

Every student would be expected to:

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

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

- College students, citizens of the United States, and foreign guests are members of the academic community.

- They have the same rights and freedoms that all citizens have as students, and must comply with federal and state laws and statutes.
- Students must also comply with Los Rios Board policies and individual college rules and regulations.

Use and Release of Student Information (FERPA)

The Los Rios Board of Trustees, in order to meet the provisions of the Family Educational 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 Admissions and Records offices. 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, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and most recent previous public or private school attended. In addition, federal law provides that representatives of the U.S. Department of Defense shall be provided a student's name, address, and telephone number for recruitment purposes. *Students have the right to refuse the release of one or more such designated categories by submitting a written statement to the Admissions & Records office.*

Student Right-to-Know Program Completion

In compliance with the Student Right to Know and Campus Security Act of 1990, completion and transfer rates for students attending Folsom Lake College can be found on the California Community College State Chancellor's Office Website at: www.cccco.edu.

Student Academic Rights

The classroom (including laboratories, field trips, independent study, etc.) is the essential part of any college where freedom to learn should flourish. The instructor has the responsibility for the manner of instruction and the conduct of the classroom. The instructor should not act in any way that denies the rights of students as set forth below:

1. In preparing student publications, the editorial staff and faculty advisors shall be free from censorship and advance copy approval except as provided by published district policy, statutes, or campus regulation. These publications should do the following:
 - Adhere to canons of responsible journalism, such as avoidance of libel, indecency, undocumented allegations, attacks on personal integrity, and the techniques of harassment and innuendo.
 - State on the editorial page that the opinions expressed are not necessarily those of the college or the student body.
2. Students shall have the right to take stands on issues, the right to examine and discuss questions of interest to them, and the right to support causes by orderly means which are in harmony with the regular functioning of the institution.
3. Students shall have the right to hear speakers on any subject and on-campus recognized student organizations shall have the right to present speakers on any subject. In addition, students shall have the right of free assembly on each campus subject to regulations that assure the regular functioning of the institution. The policies and regulations shall include reasonable provisions for the time, place, and manner of conducting these activities, but shall not prohibit the right of students to exercise free expression including, but not limited to, the use of bulletin boards, the distribution of printed materials or petitions, and the wearing of buttons, badges, and other insignia. Expression which is obscene, libelous, or slanderous according to current legal standards, or which so incites students as to create a clear and present danger of the commission of unlawful acts on college premises, or the violation of lawful District or college regulations, or the substantial disruption of the orderly operation of the college, shall be prohibited.
4. Students shall have the right to form an organization around any particular interest; this right will include the freedom to organize and to join student organizations subject to published campus and District regulations.
5. Students shall have the right to be informed on all campus matters that can be shown to be directly relevant to them by having a voice in decision making that affects their academic future with the exception of staff appointment, termination, and tenure. In case of conflict in determining what campus matters are relevant to students, the determination will be made by a campus-designated student, faculty, and administrative committee. In addition, student representatives shall be members of all faculty and administrative committees related to students' concerns; such student representatives shall have a vote as committee members.
6. Students shall have the right to have their academic records treated in a confidential and responsible manner with due regard to the personal nature of the information these records contain. Students' records will be released only on the written consent of the students or as provided by law.
7. Students shall have the right to file a grievance as outlined in the procedures of the District Student Grievance Policy, in the event of an alleged breach of their rights. The designated Grievance Officer will hear grievances of students who believe their academic rights have been denied or violated.

Academic Integrity and Responsibility - Plagiarism and Cheating Policy

What academic integrity and responsibility are:

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

What academic integrity and responsibility are not - academic dishonesty:

In contrast to academic integrity and responsibility, academic dishonesty takes the form of plagiarism and/or cheating. From the Latin word *plagiarius* meaning kidnapper, plagiarism is generally the taking of words, sentences, organization, and ideas from another source without acknowledging the source(s).

Plagiarism can include:

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

Another form of Academic Dishonesty - Cheating

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

Cheating includes but is not limited to:

- Giving or receiving unauthorized assistance during an examination;
- Fabricating or altering a source of data in a laboratory or experiment;
- Collaborating with others when collaboration is not permitted, or when the contributions of others are not made clear;
- Using unauthorized materials or aids during an examination, including calculators, dictionaries, or information accessed via any electronic devices.
- Acquiring without permission, tests, or other academic material belonging to a member of the college faculty or staff.

What the consequences of plagiarism and cheating are:

When plagiarism or cheating is suspected:

- A faculty member has the right to choose whether or not to pursue suspected cases of plagiarism and cheating.
- When reasonable evidence to suspect plagiarism or cheating exists the faculty member should notify the student of the concern.
- A faculty member may consult with other faculty, the pertinent Division Dean, and the college disciplinary officer when evaluating whether plagiarism or cheating has occurred.

When plagiarism or cheating has been confirmed:

In situations where plagiarism or cheating has been

confirmed, the faculty member will determine the consequences in compliance with Los Rios Community College District (LRCCD) Board policy and regulations. The consequences may include the following options:

- Giving the student a written warning
- Giving the student an additional assignment
- Giving the student a zero or "F" on the assignment

Other appropriate consequences that comply with LRCCD Board policy and regulations, including suspension or expulsion per Board regulations, may be pursued if the faculty member has gone through the appropriate steps, including disciplinary referral (Reg. 2441, par. 3.2e).

Disciplinary Referral Process:

- In situations where plagiarism or cheating has occurred, the faculty member may notify the student that a "Referral for Student Standards of Conduct Violation" will be filed through the college disciplinary officer.
- In the event that a referral is made, students have the right to grieve the action if they believe the action violates their student rights as defined in Los Rios Community College District policy and regulations (P-2411, 2412; R- 2411, 2412). However, students should be aware that grievances relating to grades are subject to the conditions of Education Code 76224(a) and should consult the college catalog and district policies and regulations for further information.
- The office of the Vice President of Student Services will be responsible for maintaining records of reported cases of plagiarism and/or cheating.

Submitted by Matriculation/Student Success Committee-November 11, 2008

Approved by the Academic Senate-December 9, 2008

Approved by the College President-December 10, 2008

Student Responsibilities

Admission to college assumes the expectation that the student will be a responsible member of the college community; will obey the law; comply with the published rules and regulations of the college; respect the rights, privileges, and property of the other members of the college community; and not interfere with legitimate college affairs. Students enrolled in a class are responsible for meeting standards of performance and conduct established by the Los Rios Community College District and the instructor. Students are responsible for registering and "adding" and "dropping" classes in a timely fashion, to insure that others will have an opportunity to take classes. Students are responsible for completing and submitting all class assignments, examinations, tests, projects, reports,

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

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

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

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

Student Conduct Standards

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

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

Disciplinary Offenses

Any student found to have committed or to have attempted to commit the following misconduct is subject to appropriate disciplinary action (the list of offenses follows):

- Willful disobedience, disruptive behavior, profanity or vulgarity, or the abuse of members of the college community.
- 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.
- Dishonesty, such as cheating, plagiarism, or knowingly furnishing false information to the college.
- Unauthorized entry to or use of the facilities.
- Forgery, alteration, or misuse of college documents,

records, or identification.

- Obstruction or disruption of teaching, or other authorized college activities.
- Theft of or damage to property, or the possession of stolen property belonging to the college, a member of the college community, or a campus visitor.
- Misconduct which results in injury or death to a student or college personnel, or which results in damage 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 of or use of explosives, dangerous chemicals, or deadly weapons on college property.
- Without permission, accessing, altering, damaging, copying, deleting, destroying, or otherwise using 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 good cause (EC 76032). This removal shall be immediately reported by the instructor to the college's disciplinary officer.

Procedure for reporting student conduct violations

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

Action

If found in violation of student conduct, students are subject to the following disciplinary actions:

- Warning
- Loss of College privileges
- Probation via verbal or written reprimand.
- Suspension from classes/activities for a specified time.
- Expulsion from the District.

Appeal

The notice of disciplinary action shall contain a statement affording the student the right to file a letter of appeal.

1. If an appeal is filed within seven days of the service of notice of disciplinary action the matter shall be referred to the Disciplinary Appeals Committee and a hearing shall be conducted. The Committee shall prepare a written decision that includes findings of facts, conclusion regarding whether the infraction occurred, and a recommendation for disciplinary action within ten (10) days of the hearing.
2. 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 a recommendation for expulsion. The decision of the Board of Trustees is final.

For further assistance and/or information:

Student Disciplinary Authority: (916) 608-6713

District Police: (916) 558-2221

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 incompetence, shall be final.”

Students interested in filing a grievance should contact the Student Grievance Officer. The Student Grievance Officer will guide you through the following procedures.

Steps to Filing Grievance:

Student Grievance Officer: (916) 608-6769

Informal Grievance Resolution (Mandatory): LEVEL 1

Time Line: Must be initiated within ten days of alleged act.

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

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

Formal Grievance Process: LEVEL 2

Time Line: 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.

Formal Grievance Process (Hearing): LEVEL 3

Time Line: 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.

Formal Grievance Process (Appeal): LEVEL 4

Time Line: 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 (see P-2412, R-2412).

Alcohol and Drug Policy

The abuse of illicit drugs and alcohol disrupts classes, compromises one's physical and mental health, subjects one to criminal penalties, and impairs one's ability to benefit from the learning experience. We therefore ask you to actively support a drug- and alcohol-free

learning environment by knowing and making others aware of college policies and the substantial health and legal consequences of abuse. 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, and 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) 608-6510
 EDC (530) 642-5645
 Sacramento Mental Health Center (916) 875-1055
 El Dorado County Mental Health..... (530) 621-6200
 Alcoholics Anonymous..Sacramento (916) 454-1100
 Placerville (530) 622-3500
 Narcotics Anonymous..... (800) 600-4673
 Cocaine Anonymous (916) 927-5740
 Dept. of Alcohol & Drug Programs.. (800) 879-2772
 Alcohol & Drug Bureau (916) 874-9754

Smoking Policy

Smoking is prohibited in all College/District facilities. Smoking is prohibited within 30 feet of any building entrance, exit, door, operable window and/or air intake duct (LRCCD regulation 1411.5.10).

In addition to LRCCD regulation, and to promote a smoke-free, clean air environment, smoking at Folsom Lake College is permitted only in designated smoking areas and parking lots. Designated smoking areas can be found at various locations throughout the campus. To ensure a clean environment, smoking waste (i.e., butts, filters, e-cigarettes) should be placed in appropriate waste receptacles. Smoking in non-designated smoking areas and inappropriate disposal of smoking waste may be subject to discipline.

For individuals interested in quitting smoking or smokeless tobacco use, free cessation services are provided at Health & Wellness Services (FL1-52/53). Additionally, for help quitting, contact the California Smokers’ Helpline at 1-800-NO-BUTTS or visit www.californiasmokershelpline.org.

Computer Use Policy

- Equipment in the lab should be used for **class assignments only**. Use of computers is monitored for compliance with acceptable use standards.
- Computers are available on a first-come, first-served basis.
- Food and/or drinks (including water bottles) are not allowed in the facility at any time.

- Please turn off cellular phones. Phone conversations disrupt others' study time and may affect other devices.
- Children (under 18) are not allowed to use computer equipment unless they are current FLC students.
- Students are to supply their own headphones for sound control.
- Pets are not allowed, except for Service Animals.
- Students need to show consideration for other students around them by:
 - Keeping noise to a minimum
 - Using one workstation per person
 - Keeping backpacks out of the walkways
 - Reporting problems with computers and/or printers to computer lab staff
- A valid login may be used for assigned purposes only. Sharing access with others is not permitted.
- All downloading and saving must be to removable media.
- Software may not be copied from the computers or network drives.
- Installing any software or games on campus computers is prohibited.
- Playing games on campus computers is prohibited except for class assignments.
- Directions from any lab assistant or instructor concerning equipment/facilities or student conduct must be followed.

Internet Use Policy

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

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

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

where other individuals could potentially view it.

- Inappropriate mass mailing, which includes multiple mailing to newsgroups, mailing lists, or individuals.

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

Illegal Distribution of Copyrighted Materials

Folsom Lake College students are prohibited from using the Los Rios Community College District (LRCCD) information network to illegally download or share music, video, and all other copyrighted intellectual property. The colleges of the LRCCD support the Higher Education Opportunity Act and Digital Millennium Copyright Act, including efforts to eliminate the illegal distribution of copyrighted material. Under the law, college administrators may be obligated to provide copyright holders with information about users of the LRCCD information network who have violated the law.

Be aware that illegal forms of downloading and file sharing as well as the unauthorized distribution of copyrighted materials are violations of the law and may subject you to academic sanctions from the college as well as criminal and civil penalties, including a lawsuit against you by the Recording Industry Association of America (RIAA). Learn more at www.campusdownloading.com In addition to being illegal, file sharing drains the LRCCD network's bandwidth, which slows computer connections for students and employees who are using the network for legitimate academic purposes and ultimately costs the college money. LRCCD and its colleges have developed policies and consequences to ensure that students properly use the information LRCCD network and respect music and other forms of intellectual property as well as conduct responsible use of the Internet. Review these policies at www.losrios.edu/legal/Policies/P-8000/P-8000.htm and especially www.losrios.edu/legal/Policies/P-8000/P-8861.htm. There are plenty of easy, affordable ways to get music online legally. To protect their intellectual property, companies have licensed hundreds of digital partners that offer a range of legal downloading options, including download and subscription services, legitimate peer-to-peer services, video-on-demand, podcasts, and CD kiosks. For a list of sources that offer legal downloading sites, access www.riaa.com

Campus Safety and Security

Campus Traffic Regulations

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

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

Safety Awareness and Crime Prevention

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

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

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

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

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

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

Safety Education

The key to crime prevention is an awareness gained through education. At Folsom Lake College, the District 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.

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 District Police Department is available to meet with groups or individuals to discuss anti-crime tactics or any anti-social activities.

Folsom Lake College encourages the reporting of all crimes, even minor crimes, and any suspicious activity. The District 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 District Police officer. When appropriate, District Police will contact the local law enforcement agency for assistance and/or to conduct an investigation. A District Police report will be made; a copy of the report may 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 the main Folsom campus in the Falcon's Roost room # FR-140 or at the El Dorado Center in room B-128.

DISTRICT POLICE: (916) 558-2221

Prevention

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

- **Emergency automobile assistance.** While not mechanics, District 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 District 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, 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 \$283 fine for parking in designated disabled spaces (including hatch marks next to disabled spaces) without a state-issued disabled decal or plate.
- Students attending Rancho Cordova Center are reminded that parking is not allowed in spaces designated for other tenants in the business complex between 8:00am and 5:00pm. This is enforced through common courtesy and security patrol.

- **Sexual Harassment.** Sexual harassment in any situation is unacceptable and is in violation of state and federal laws and regulations. Corrective action will be taken where evidence of sexual harassment is found. (LRCCD Policy 2424).

District 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 District Police Department. With the consent of the victim, the District Police Department will notify the Dean of Student Development and Enrollment Management.

3.0 Legal reporting

- 3.1 Pursuant to legal requirements the District 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 District 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 District 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 Services Office in accord with the following regulations: the Family Educational Rights and Privacy Act, applicable California Education and Administrative Code sections, and Los Rios Community College District Policy.

7.0 Dissemination of Procedure

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



Students who are required to comply with PC 290 must contact the District Police immediately. (916) 558-2221, Falcon's Roost room FR-140 on the main Folsom campus.

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

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

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

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

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

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

These statistics reflect the number of crime reports occurring in the above listed areas from both District Police and other Los Rios Community College District/ Folsom Lake College Campus Security Authorities (other than District Police) for the offense categories under The Clery Act of 1998. Although every effort has been made to avoid duplication between District 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 activities 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/FLC shall request these statistics under Clery Act offense categories, for each location that meets the criteria for off-campus property.

For direct online access to the Annual Clery Report, go to: <http://police.losrios.edu/pdf/annualcleryreport.pdf>
All statistics are also available in the District Police Office.

Course Numbering, Prerequisites, & More

Course Numbering System

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

<u>Number</u>	<u>Course Type</u>
1-99	Credit courses that are considered developmental or basic skills and are not acceptable for the Associate Degree or transfer credit.
100-299	Applicable to the Associate Degree but not transferable to a 4-year institution.
300-499	Articulated for transfer with four-year institutions and are intended to meet major, general education, or elective credit requirements.
1000-1999	Continuing education courses for working professionals who need to update their skills for employment or licensure, as well as tutoring and other attendance-only courses. These courses are non-degree applicable.

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

Course Identification Numbering System (C-ID) -

The C-ID system is a statewide numbering system designed to identify comparable courses and facilitate articulation. Any community college course that bears a C-ID number signifies that it is equivalent in content, rigor, and student learning outcomes. Courses with C-ID numbers can be assured that it will be accepted at other participating community college or university campuses (only the CSU system is participating at this time). For example: C-ID COMM 110 at this college will be accepted by any other college that has been approved for the same C-ID COMM 110 number.

Students should consult a counselor for specific information and assistance with evaluating course transferability. In addition, students should always go to www.assist.org to confirm how each college's course

will be accepted at a particular four-year college/university for transfer credit.

FLC course

ADMJ 320
ADMJ 323
ADMJ 330
ART 302
ART 304
ARTH 309
BUS 300
COMM 301
COMM 305
COMM 311
COMM 321
COMM 325
COMM 331
COMM 363
COMM 370
CMED 300
ECE 300
ECE 312
ECE 314
ECE 320
ECE 326
ECE 415
ECE 430
ENGCW 400
ENGLT 310
ENGLT 311
ENGLT 320
ENGLT 321
ENGLT 340
ENGLT 341
ENGWR 300
ENGWR 301
ENGWR 302
GEOG 300
GEOG 330
MATH 400
MATH 402
PHIL 300
PHIL 310
PHYS 350
PHYS 360
PHYS 421
PHYS 431
PSYC 356
PSYC 370
SOC 300
SOC 301

C-ID course

AJ 200
AJ 124
AJ 120
ARTS 205
ARTS 200
ARTH 120
BUS 110
COMM 110
COMM 170
COMM 120
COMM 130
COMM 150
COMM 140
COMM 180
COMM 360B
JOUR 100
ECE 120
CDEV 100
CDEV 110
ECE 130
ECE 200
ECE 220
ECE 230
ENGL 200
ENGL 160
ENGL 165
ENGL 130
ENGL 135
ENGL 140
ENGL 145
ENGL 100
ENGL 120
ENGL 105
GEOG 110
GEOG 155
MATH 210
MATH 230
PHIL 100
PHIL 120
PHYS 105
PHYS 110
PHYS 210
PHYS 215
PSY 130
PSY 180
SOC 110
SOC 115

<u>FLC course</u>	<u>C-ID course</u>
SOC 310	SOCI 130
SOC 321	SOCI 150
TA 300	THTR 111
TA 302	THTR 113
TA 340	THTR 151
TA 350	THTR 152
TA 420	THTR 171
TA 430	THTR 174
TA 461	THTR 174

Prerequisites, Corequisites, and Advisories

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

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

Verifying prerequisites

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

- Los Rios Community College District transcript that verifies that you have earned a "C" or better in the prerequisite course. Los Rios students may print

an unofficial transcript by logging on to eServices. Instructors have access to this information on their roster if the class was taken within Los Rios since 2003 (prior course information cannot be viewed).

- Los Rios Community College District Assessment test scores.

Verifying corequisites

Your personal class schedule provides verification of current enrollment in a corequisite course or your Los Rios Community College District transcript shows prior completion of a course.

Prerequisite challenge process

- If you do not have the credentials described above but believe that you should qualify to enroll in the course, or one of the conditions below exists, then you may challenge a prerequisite.
- Challenges must be filed no later than the end of the first week of instruction. Prerequisite Challenge Forms are available at all instructional area deans' offices, at the Admissions and Records Office, and online.

Criteria for challenging a course are:

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

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

Once you have completed the challenge form, your challenge will be reviewed by the appropriate department's prerequisite challenge committee. You will be informed of the committee's determination within five working days of the submitting the challenge application. If a student enrolls for a class and does not meet the prerequisite, the instructor must drop the student from the class.

*Exception for Challenge Process -
STATISTICS 300/MATH Series*

In order to enroll in STAT 300, the prerequisite must be cleared prior to enrollment (MATH 120 with a grade of "C" or better; or placement through the assessment process).

Effective for Spring 2015, the prerequisite for ALL MATH courses must be cleared prior to enrollment, which begins in November of 2014. See a counselor or FLC website for prerequisite equivalencies.

DO NOT DELAY YOUR ENROLLMENT! STUDENTS SHOULD START THIS PROCESS WELL IN ADVANCE OF ENROLLING IN THE CLASS.

You are automatically cleared to enroll in STAT 300 if:

- You are currently enrolled in the appropriate prerequisite course at FLC or another Los Rios college (MATH 120);
- You have completed the appropriate prerequisite course at FLC or another Los Rios college (MATH 120);
- You have taken the FLC (or other Los Rios college) assessment test and been placed into STAT 300.

If the prerequisite course was completed at another college/university:

- If your prerequisite course/external college is on the approved list (view list online), official transcripts along with a STAT 300 Prerequisite Verification Request Form must be submitted to the Admissions & Records Office. (In-progress coursework cannot be used.) For the most up-to-date external college list, go to: <http://www.flc.losrios.edu/student-services/admissions-and-records/admissions-information/prerequisite-information>
- If verified through an official transcript, the external course below will be posted as TRANSFER CREDIT on your unofficial Los Rios transcript, which will clear enrollment for STAT 300.
- If you did not find your course on the list, but believe you have the knowledge or ability to succeed in STAT 300 through other college/university coursework (or other credentials), then you may challenge the prerequisite. Follow the guidelines set forth above (Prerequisite challenge process) - and submit Form to Math department. If approved, the department will set a milestone in the Los Rios enrollment system, clearing you to enroll in STAT 300.

TBA Scheduling

Some or all of the class hours for courses may be offered using the "To Be Arranged" (TBA) course scheduling option. Please refer to the class schedule listing for sections of courses for specific TBA weekly or daily class hour requirements that may apply."

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

Accounting

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AA – Accounting

CERTIFICATES OF ACHIEVEMENT

Accounting
Accounting, Advanced
Accounting Clerk
Accounting, Computer
Applications

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

Career Options

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

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

Highlights

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

DEGREE

AA – Accounting

REQUIRED PROGRAM.....	Units
ACCT 103 Intermediate Accounting-Part I.....	4
ACCT 104 Intermediate Accounting-Part II.....	4
ACCT 107 Auditing	3
ACCT 111 Cost Accounting.....	3
ACCT 301 Financial Accounting.....	4
ACCT 311 Managerial Accounting.....	4
ACCT 341 Computerized Accounting	2
BUS 300 Introduction to Business	3
BUS 310 Business Communications.....	3
BUS 330 Managing Diversity in the Workplace..	3
BUS 340 Business Law	3
BUSTEC 102 Computer Keyboarding: 10-Key.....	1
BUSTEC 302 Computer-Keyboarding.....	2
ECON 302 Principles of Macroeconomics (3) or	
ECON 320 Concepts of Personal Finance (3).....	3
MKT 300 Principles of Marketing (3) or	
MGMT 362 Techniques of Management (3).....	3
A minimum of 3 units from the following ¹ :	
CISA 300, 308, 310, 320, CISC 300, 308, 310, 320	3
TOTAL UNITS REQUIRED.....	49

¹ Recommend CISA308, CISA310, CISC308 for students who may transfer to CSUS in Business, to meet CSUS MIS001: A, B & C requirements.

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

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

For those students interested in transferring to a four-year college or university to pursue a bachelor's degree in this major, it is critical that you meet with an FLC

counselor to select and plan the courses for your major. Schools vary widely in terms of the required preparation. The courses that FLC require for an AA degree in this major may be different from the requirements needed for a Bachelor’s degree.

Program Student Learning Outcomes

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

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

CERTIFICATE OF ACHIEVEMENT

Accounting

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

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

*For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041001C01>*

The Accounting Certificate is a program which prepares students for entry level positions in accounting. The program is designed for students who would like to gain a core understanding of the principles of accounting. Many who take the certificate program are looking for advancement in their careers or the ability to learn a new skill set. Certificate recipients are competent to

record and maintain financial data in journals and ledgers from date of original transaction through a full accounting cycle terminating with closing entries and statement preparation.

Program Student Learning Outcomes

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

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

CERTIFICATE OF ACHIEVEMENT

Accounting, Advanced

REQUIRED PROGRAM.....	Units
ACCT 107 Auditing.....	3
ACCT 111 Cost Accounting	3
ACCT 125 Federal and State Taxation.....	4
ACCT 301 Financial Accounting	4
ACCT 311 Managerial Accounting	4
BUS 300 Introduction to Business.....	3
BUS 340 Business Law	3
TOTAL UNITS REQUIRED.....	24

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

*For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041004C01>*

Program Student Learning Outcomes

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

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

planning and decision-making processes.

- Prepare basic individual federal and state income tax returns.

CERTIFICATE OF ACHIEVEMENT

Accounting Clerk

REQUIRED PROGRAM.....Units

ACCT 121	Payroll Accounting.....	3
ACCT 341	Computerized Accounting.....	2
BUS 100	English for the Professional	3
BUS 105	Business Mathematics.....	3
BUSTEC 302	Computer Keyboarding.....	2 ¹
CISC 300	Computer Familiarization.....	1
CISA 310	Electronic Spreadsheets	1

A minimum of one (1) unit from the following:

BUS 498	Work Experience	1-4 ²
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TOTAL UNITS REQUIRED..... 16

¹BUSTEC 302 or keyboarding speed verification at 25 wam or better.

²students may complete up to 2 units.

For Gainful Employment Info and Opportunities:

[http://www.losrios.edu/gainful-emp-info/gedt.](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041419C01)

[php?major=041419C01](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041419C01)

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

Program Student Learning Outcomes

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

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

CERTIFICATE OF ACHIEVEMENT

Accounting, Computer Applications

REQUIRED PROGRAM.....Units

ACCT 121	Payroll Accounting.....	3
ACCT 301	Financial Accounting	4
ACCT 311	Managerial Accounting	4
ACCT 341	Computerized Accounting.....	2
CISA 310	Intro to Electronic Spreadsheets.....	1
CISA 311	Intermed Electronic Spreadsheets.....	1
CISA 320	Intro to Database Management	1
CISA 321	Intermed Database Management	1

Plus one to three (1-3) units selected from:

CISC 300 Computer Familiarization (1)

CISC 310 Intro to Computer Info Science (3)..... 1-3

TOTAL UNITS REQUIRED..... 18-20

For Gainful Employment Info and Opportunities:

[http://www.losrios.edu/gainful-emp-info/gedt.](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041005C01)

[php?major=041005C01](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041005C01)

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

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

Program Student Learning Outcomes

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

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

Accounting (ACCT)

ACCT 103 Intermediate Accounting - Part I 4 Units

Prerequisite: ACCT 301 with a grade of "C" or better
Hours: 72 hours LEC

This course provides a continuing study of the measurement and reporting of the results of operations and the financial condition of profit-directed business entities. Areas of study include emphasis on cash and receivables, inventory including issues concerning valuation, property, plant and equipment and intangible assets using the Financial Accounting Standards Board (FASB) as authority. This course is not intended for transfer to a four-year college.

ACCT 104 Intermediate Accounting - Part II 4 Units

Prerequisite: ACCT 301 with a grade of "C" or better
Advisory: ACCT 103
Hours: 72 hours LEC

This course builds on the concepts introduced in ACCT 301 of the measurement and reporting of the results of operations and the financial condition of profit-directed business entities. Areas of study include emphasis on current and long-term liabilities including contingencies, stockholders' equity including dilutive securities and earnings per share, income taxes, pensions, operating and capital leases, accounting changes and error analysis, and the statement of cash flows. This course is not intended for transfer to a four-year college.

ACCT 107 Auditing 3 Units

Prerequisite: ACCT 301 with a grade of "C" or better
Advisory: ACCT 103 and 104
Hours: 54 hours LEC

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

ACCT 111 Cost Accounting 3 Units

Prerequisite: None.
Advisory: ACCT 311
Hours: 54 hours LEC

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

ACCT 121 Payroll Accounting 3 Units

Prerequisite: None.
Advisory: ACCT 301
Hours: 54 hours LEC

This course 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 Individual Taxation 4 Units

Prerequisite: None.
Advisory: ACCT 101 or 301
Hours: 72 hours LEC

This course is a study of basic federal and California 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 an elective for civil service professional accounting operations and recommended for accounting majors. This course fulfills the qualifying education and continuing education requirements under guidelines established by the California Tax Education Council (CTEC).

ACCT 295 Independent Studies in Accounting 1-3 Units

Prerequisite: None
Hours: 18 hours LEC ; 54 hours LAB

ACCT 299 Experimental Offering in Accounting .5-4 Units

Prerequisite: None
Hours: 72 hours LEC

ACCT 301 Financial Accounting 4 Units

Prerequisite: None.

Advisory: BUS 105 or MATH 120

General Education: AA/AS Area II(b)

Course Transferable to UC/CSU

Hours: 72 hours LEC

This is the study of accounting as an information system. The course provides students with an understanding of the nature and purpose of accounting and its function in business. The principles and concepts underlying transaction analysis and recording; financial statement preparation, disclosures, and analysis; and ethical issues are addressed. The course includes units on inventories, internal control, cash, receivables, fixed and intangible assets, current and long-term liabilities, stockholders' equity, income tax, and investments.

ACCT 311 Managerial Accounting 4 Units

Prerequisite: ACCT 301 with a grade of "C" or better

Course Transferable to UC/CSU

Hours: 72 hours LEC

This is a study of accounting information needed by decision makers of all types and sizes of organizations (service, retail, manufacturing, and not-for-profit; small businesses to large corporations). Emphasis is placed upon the analysis of quantitative information needed for short and long-term planning, day to-day operations, and reviewing of operations and personnel. This course is required of all business majors, minors, and accounting certificate candidates.

ACCT 341 Computerized Accounting 2 Units

Prerequisite: ACCT 301 with a grade of "C" or better;

Two years of high school accounting.

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 words a minute and to use a ten-key calculator by the touch method will be useful for completing class assignments.

**ACCT 495 Independent Studies in Accounting
1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**ACCT 498 Work Experience in Accounting
1-4 Units**

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to career interests.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

**ACCT 499 Experimental Offering in Accounting
.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Administration of Justice

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AA – Administration of Justice
AS-T – Administration of Justice

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

Career Options

Police Officer; Deputy Sheriff; Crime Scene Investigator; Identification Technician; Community Services Officer; Corrections Officer; Parole Officer; Probation Officer and a variety of support service occupations. Potential employers include: Federal, State and local law enforcement agencies (Sheriff, Police, California Highway Patrol, Federal Bureau of Investigations, Drug Enforcement Administration, Department of Justice, Crime Scene Investigations, and California Department of Corrections and Rehabilitation).

Some positions, however, require a four-year degree for which FLC’s program is an excellent foundation for transfer.

DEGREE

AA – Administration of Justice

REQUIRED PROGRAM.....	Units
ADMJ 300 Introduction to Administration of Justice	3
ADMJ 301 Investigative Report Writing	3
ADMJ 302 Community Relations: Multicultural Issues.....	3
ADMJ 320 Concepts of Criminal Law	3
ADMJ 323 Legal Aspects of Evidence.....	3
ADMJ 330 Criminal Investigation	3
Plus a minimum of six (6) units from the following:	
ADMJ 308, 309, 310, 322, 331, 370, 380, 381, 498; ANTH 303; CHEM 400	6
TOTAL UNITS REQUIRED.....	24

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

Program Student Learning Outcomes

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

- describe the purpose, authority, and relationship between law enforcement, the judiciary, and corrections in the local, state, and federal levels.
- identify and evaluate various local, state, and federal law enforcement career options and develop a viable career path strategy.
- recall and apply the ethical and leadership standards placed on administration of justice professionals.
- describe the complex interaction between criminal investigations and criminal procedures.
- analyze cause in fact and proximate cause in relation to criminal activity and describe how they apply to criminal statutes, case law, and constitutional law.
- identify diverse cultural groups and unique crime related problems they face, and describe ways law enforcement professionals can help resolve those problems.
- demonstrate effective written and oral communication skills.

DEGREE**AS-T – Administration of Justice**

REQUIRED PROGRAM.....	Units
ADMJ 300 Introduction to Administration of Justice	3
ADMJ 320 Concepts of Criminal Law	3
A minimum of six (6) units from the following:	
ADMJ 302, 322, 323, 330	6
A minimum of six (6) units from the following:	
PSYC 300; SOC 300, 301, 321; STAT 300 or PSYC 330	6
TOTAL UNITS REQUIRED.....	18

Students are required to:

- Complete a minimum of 19 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework.
- Complete 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- No more than 60 semester units are required.
- A "P" (Pass) grade is not an acceptable grade for courses in the major.

Program Student Learning Outcomes

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

- describe the purpose, authority, and relationship between law enforcement, the judiciary, and corrections in the local, state, and federal levels.
- identify and evaluate various local, state, and federal law enforcement career options and develop a viable career path strategy.
- recall and apply the ethical and leadership standards placed on administration of justice professionals.
- describe the complex interaction between criminal investigations and criminal procedures.
- analyze cause in fact and proximate cause in relation to criminal activity and describe how they apply to criminal statutes, case law, and constitutional law.
- identify diverse cultural groups and unique crime related problems they face, and describe ways law enforcement professionals can help resolve those problems.
- demonstrate effective written and oral communication skills.

Administration of Justice (ADMJ)

ADMJ 300 Introduction to Administration of Justice 3 Units

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces students to the characteristics of the American criminal justice system. Emphasis is placed on examining due process, U.S. Constitutional Rights, criminal activity, crime causation, domestic and international criminal threats, law enforcement response to criminal activity, and future trends for law enforcement. Students will explore the components of the American justice system, including law enforcement, courts, and correctional services with an emphasis on ethics and leadership.

ADMJ 301 Investigative Report Writing 3 Units

Prerequisite: None.

Advisory: ENGWR 101

Course Transferable to CSU

Hours: 54 hours LEC

This course provides a study of the techniques of preparing written investigative reports in a clear, comprehensive, concise, and logical manner. Emphasis is placed on administration of justice terminology, use of English and organization of information, note taking and report writing, and presentation of testimony in court.

ADMJ 302 Community Relations: Multicultural Issues 3 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area V(b); AA/AS Area VI

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

ADMJ 308 Crime Scene Investigation 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 51 hours LEC ; 9 hours LAB

This course will introduce the student to the basic principles of crime scene investigation, role of the crime scene investigator and criminalist, evolution of forensic sciences, including primary protection of the crime scene, the principles of physical evidence and how physical evidence can assist in solving crimes. The student will learn how to properly document a crime scene and will examine the relationship between the investigator, the crime scene investigator, and the crime laboratory.

ADMJ 309 Career Preparation for Law Enforcement Occupations 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

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

ADMJ 310 Forensic Photography 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 51 hours LEC ; 9 hours LAB

This course will introduce the student to the basic principles of forensic photography. Topics include: 1) the history of photography as it relates to the law, 2) a look at historical case law and rules of evidence, 3) how film and digital cameras work and how a photograph is made and 4) macrophotography and microphotography as it applies to photographing specific types of evidence such as impression evidence, trace evidence, questioned documents, blood stain patterns, arson scenes, etc.

ADMJ 320 Concepts of Criminal Law 3 Units

Prerequisite: None.

Advisory: ENGRD 310 and ENGWR 101

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course examines the philosophy, history and structure of criminal law in the United States. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case studies to introduce students to criminal law and the classification of crimes against persons, property, morals, and public welfare. The course will also include some discussion of the U.S. Constitution, prosecution and defense decision making, criminal culpability, and defenses to crimes. (C-ID AJ 200)

ADMJ 322 Criminal Procedures 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course will study the criminal procedures and how they are applied in the American justice system. Topics will include fundamental concepts of law, exclusionary rule, bail, extradition and rendition. Additional topics will include laws and procedures of arrest, order of trial procedures, motions, writs and appeals, limitations of prosecution, rights of the accused, prosecution and defense strategies, judgment, and sentencing.

ADMJ 323 Legal Aspects of Evidence 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course examines the constitutional foundation of the rules of evidence as applied in "U.S." law. Emphasis is placed on the types of evidence and the laws governing admissibility of evidence in criminal proceedings. (C-ID AJ 124)

ADMJ 330 Criminal Investigation 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course introduces students to basic investigative responsibilities and procedures as applied to criminal investigations. Topics include crime scene management, forensic and physical evidence handling, search and seizure, property crimes, violent crimes, organized criminal enterprises, gangs, and domestic and international terrorist organizations. (C-ID AJ 120)

ADMJ 331 Patrol Procedures 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

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

ADMJ 370 Illegal Drugs - Identification and Investigation 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

The study of current drugs of abuse will include identification, street terminology, pricing, packaging, methods of use, duration of effect, addiction, history, and recognizing persons under the influence. The course also examines current laws and law enforcement agency functions, including search and seizure, search warrants, enforcement trends, ethics and leadership, and treatment programs versus incarceration. This course will also study several high profile drug traffickers who have been incarcerated.

ADMJ 380 PC832 Arrest, Search & Seizure 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course satisfies the arrest, search and seizure requirement for peace officers as defined in section 832 of the California Penal Code. Instruction will include the law enforcement application of leadership, professionalism, and ethics, community policing, laws of arrest, search and seizure, investigative report writing, use of force, cultural diversity/discrimination, arrest methods, and defensive tactics. This course may be taken one time for credit and up to four times for POST certification requirements.

ADMJ 381 PC832 Firearms 1 Unit

Prerequisite: None.

Enrollment Limitation: Students must present California Department of Justice (DOJ) Livescan clearance letter on the first day of class. This letter must be dated within the past six months.

Course Transferable to CSU

Hours: 8 hours LEC ; 16 hours LAB

This course is a basic introduction to the legal aspects of firearms usage and is in compliance with California Penal Code section 832 and requirements of the California Commission on Peace Officer Standards and Training (POST). Course topics include: firearms safety, basic firearms operation, firearms ammunition, firearms cleaning and maintenance, and basic fundamentals of shooting. Students must provide their own approved semi-automatic handgun, 9mm or larger, 500 rounds of ammunition, and all safety gear. Students must also provide a CA Department of Justice Livescan fingerprint clearance letter. Students must provide their own transportation to an off-site firearms range. This course may be taken up to four times for POST certification requirements. Pass/No pass only.

ADMJ 494 Topics in Administration of Justice .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Designed to deal with current problems or specific topics concerning the administration of justice. The particular subject to be covered each semester will be determined by the Administration of Justice staff. May be taken two times for credit.

ADMJ 495 Independent Studies in Administration of Justice 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

ADMJ 498 Work Experience in Administration of Justice 1-4 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity or job related to the administration of justice/criminal justice field. Students are advised to consult with the Administration of Justice Department to review specific certificate and degree work experience requirements.

Course Transferable to CSU

Hours: 76-316 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill 16 hours of class time and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

ADMJ 499 Experimental Offering in Administration of Justice .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Allied Health

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

Career Options

Medical field opportunities

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

Highlight

- Courses taught by certified health care professionals

Allied Health (AH)

AH 108 Introduction to Allied Health 1 Unit

Prerequisite: None.

Enrollment Limitation: This class is funded in part by a five million dollar grant from the U.S. Department of Labor and requires completion of an application and instructor consent to enroll. For additional information and to request an application packet, call 916-568-3100, mailbox 18002 or email HealthForce@losrios.edu

Hours: 18 hours LEC

This course provides an introduction to the medical field. Topics include the history of medicine; law and ethics as they pertain to the medical field; confidentiality and reportable incidents; usage of reference materials; and various types of health care delivery systems and allied health careers, including scope of practice.

AH 110 Medical Language for Health-Care Providers 3 Units

Prerequisite: None.

Hours: 54 hours LEC

This course is an orientation to medical language including basic structure of medical term prefixes, suffixes, and roots, and combining forms with emphasis on analysis, spelling, and pronunciation. The course builds a medical vocabulary applicable to the specialties of medicine, the systems of the body, names of major diseases, and terms used in physical examination, diagnosis, and treatment.

Anthropology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

This Folsom Lake College program offers basic lower division courses in Anthropology. Anthropology serves as an excellent background to many other behavioral sciences. It also assists students in understanding people and the world around them.

Career Options

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

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

Highlights

- A friendly faculty with many cross-cultural experiences
- An anthropology lab experience

Anthropology (ANTH)

ANTH 300 Physical Anthropology 3 Units

Prerequisite: None.

General Education: AA/AS Area IV; CSU Area B2; IGETC Area 5B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is designed to introduce students to the study of physical or biological anthropology, one of the sub-disciplines of anthropology. Physical anthropology considers the role of culture in the human biological experience. This course traces the evolution of the human line and examines our relationship to our closest living relatives, the non-human primates. This course provides an overview of human genetics, human variation, primatology, human and primate evolution, human growth and development, skeletal anatomy, and forensic anthropology.

ANTH 301 Physical Anthropology Laboratory 1 Unit

Prerequisite: None.

Corequisite: ANTH 300 (may be taken previously)

General Education: CSU Area B3; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LAB

This is an introductory laboratory course dealing with human evolution, human and non-human primate variation, genetics, and skeletal biology. This course provides hands-on experience with skeletal remains, anthropometric equipment, genetic testing, and other materials and techniques necessary to an holistic understanding of biological anthropology. Field trips may be required.

ANTH 303 Introduction to Forensic Anthropology 3 Units

Prerequisite: None.

General Education: AA/AS Area IV

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides an overview of the field of forensic anthropology, which is the study of human remains in a medicolegal context. This course emphasizes current techniques used in the analysis of human skeletal remains, medicolegal procedures, and the role of the anthropologist in the investigative process. It examines the basics of bone biology, methods of skeletal analysis, and recognition of bone pathology and trauma. This course will address the broader aspects of applied anthropology and the role of anthropology in law enforcement and human rights issues.

ANTH 310 Cultural Anthropology 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); AA/AS Area VI; CSU Area D1; IGETC Area 4A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to the varieties of customs and forms of social organizations found in our species. A multicultural, comparative approach is used to study the structure and function of various economic, political, social and religious systems found in Western and non-Western societies.

ANTH 319 Visual Anthropology: Introduction to Ethnographic Film 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); CSU Area D1

Course Transferable to CSU

Hours: 54 hours LEC

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

ANTH 320 Introduction to Archaeology and World Prehistory 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); CSU Area D1; IGETC Area 4A

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

ANTH 330 Magic, Witchcraft, and Religion 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); AA/AS Area VI; CSU Area D1; IGETC Area 4A

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. Students will also focus on broad comparisons of each culture to derive insight into the general functions of beliefs and rituals in human life. A field trip may be included in the course activities.

ANTH 390 Anthropology Field Study .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 12 hours LEC ; 18 hours LAB

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

ANTH 392 Principles of Heritage Interpretation 3 Units

Same As: BIOL 392 and HIST 392

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This interdisciplinary course covers the basics of interpreting historical, cultural, and natural resources to the general public. Interpretation is a communication process that forges emotional and intellectual connections between the interests of the audience and the inherent meaning of the resource. Topics include developing an interpretive program using a thematic approach and learning program delivery techniques. Completion of this course will qualify students to apply for professional certification through the National Association for Interpretation as a Certified Interpretive Guide (CIG). This course is recommended for students interested in history, biology, anthropology, recreation, education, and communication. Not open to students who have received credit for Biology 392 or History 392. This course requires field trips.

ANTH 393 Field Experience in Anthropology or Heritage Interpretation 2 Units

Same As: BIOL 393 and HIST 393

Prerequisite: None.

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

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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

ANTH 495 Independent Studies in Anthropology 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

ANTH 498 Work Experience in Anthropology 1-4 Units

Prerequisite: None.

Advisory: ENGWR 101, ESLR 320, or ESLW 320

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to career interests.

Hours: 76 - 316 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completing required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the the semester, the student is required to fulfill 16 hours of instruction and 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. On-line students must have an e-mail account.

ANTH 499 Experimental Offering in Anthropology .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Art

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE	AA – Art, Studio Art
	AA – Art History
	AA-T – Art History

Folsom Lake College’s art curriculum offers introductory and intermediate level courses in painting, 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
- Guest lectures and demonstrations

A minimum of 6 units from the following: 6
ARTH 300, 303, 304, 306, 307, 309, 311, 312, 313, 314, 318, 324, 326, 328, 330, 332, 333

A minimum of 9 units from chosen area (i.e., drawing, painting, sculpture):..... 9

Drawing: ART 302, 305, 308, 310, 312, 322, 361, 364;
Painting: ART 322, 327, 328, 330, 332, 334, 336, 337, 447;
Sculpture: ART 322, 372, 373, 383, 386, 387, 390, 402, 404

A minimum of 2 units from the following: 2
ART 494 or 499

TOTAL UNITS REQUIRED..... 32

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

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

Program Student Learning Outcomes

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

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

**DEGREE
AA – Art, Studio Art**

REQUIRED PROGRAM.....	Units
ART 300 Elementary Drawing and Composition	3
ART 304 Figure Drawing and Composition	3
ART 320 Design: Fundamentals	3
ART 323 Design: Color Theory	3
ART 370 Three-Dimensional Design	3

DEGREE**AA – Art History**

REQUIRED PROGRAM.....	Units
ARTH 300 Introduction to Art	3
ARTH 303 Art Survey: Ancient to 14th Century... 3	
ARTH 309 Art Survey: Renaissance to 19th Century	3
ARTH 311 Art Survey: Modern Art	3
A minimum of 3 units from the following:	3
ARTH 312, 324, 326, 328, 330, 332, 333	
A minimum of 3 units from the following:	3
ARTH 304, 306, 307, 313, 314, 318; HIST 307, 308; HUM 300, 310, 332	
A minimum of 3 units from the following:	3
ART 300, 304, 310, 312, 320, 322, 323, 327, 330, 332, 334, 336, 361, 364, 370, 372, 383, 390, 402	
TOTAL UNITS REQUIRED.....	21

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

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

Program Student Learning Outcomes

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

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

DEGREE**AA-T – Art History**

REQUIRED PROGRAM.....	Units
ARTH 303 Art Survey: Ancient to 14th Century... 3	
ARTH 309 Art Survey: Renaissance to 19th Century	3
ARTH 311 Art Survey: Modern Art	3
ART 300 Elementary Drawing and Composition3	
A minimum of 9 units from the following:	9
(Select 3 units from Art History Electives, 3 units from Art Electives, and 3 units from any of the following lists.)	
Art History Electives:	
ARTH 328, 332, 333	
Art Electives:	
ART 304, 320, 370, 372, 390	
General Electives:	
ARTH 307, 318	
TOTAL UNITS REQUIRED.....	21

Students are required to:

- Complete a minimum of 19 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework.
- Complete 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- No more than 60 semester units are required.
- A "P" (Pass) grade is not an acceptable grade for courses in the major.

Program Student Learning Outcomes

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

- Assess and evaluate the contributions of artists throughout history.
- Identify and evaluate works of art or architecture according to their appropriate style and time frame.
- Analyze and critique art and architecture within the context of their functions and meanings.
- Research and assess theoretical information concerning the meanings and purposes of art and architecture.
- Demonstrate an understanding of the history of cultures and civilizations and how art and architecture is a reflection of that history.

Art (ART)

ART 300 Elementary Drawing and Composition 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C1

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course covers the fundamentals of drawing emphasizing the use of line, shape, value, perspective, space, and composition. It introduces and uses various media and techniques for drawing. This is a foundation requirement for all art students. Students will need to purchase art materials and tools.

ART 302 Elementary Drawing and Composition 3 Units

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

General Education: CSU Area C1

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course expands on the drawing skills presented in ART 300 and covers more complex problems in observation, personal expression, and the formal exploration of composition. Students investigate subject, form, and content through the elements of art, principles of design, as well as diverse materials and techniques; and historical and contemporary approaches to drawing. Students will need to purchase art materials and tools. (C-ID ARTS 205)

ART 304 Figure Drawing and Composition 3 Units

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

General Education: AA/AS Area I; CSU Area C1

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This studio class offers drawing from the human figure. There will be lectures and discussion on proportion, anatomy, and the relationship of the figure to space and composition. Students will need to purchase art materials and tools. (C-ID ARTS 200)

ART 305 Figure Drawing and Composition 3 Units

Course Family: Figure Studies

Prerequisite: ART 304 with a grade of "C" or better

General Education: CSU Area C1

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course utilizes the skills acquired in ART 304 to pursue more complex work in figure drawing. Topics include the study of anatomy, proportion, foreshortening, figure in space, and color. Students are required to purchase materials needed for the course.

ART 308 Perspective Drawing 3 Units

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course introduces the study of linear, atmospheric, and isometric perspectives to create spatial relationship in drawings. Topics include historical development of linear and atmospheric perspectives during the Renaissance and the development of atmospheric perspective in Asia; incorporation of perspective in two dimensional arts; and creating spatial relationships through the use of different perspectives. Field trips are required for this course.

ART 310 Pen and Ink Drawing 3 Units

Course Family: Applied Drawing

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

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course covers different techniques and materials used in pen and ink drawing. Topics include the historical development of pen and ink drawings by different artists, study of lines and values to depict different subjects and textures, and use of elements of art and principles of design to create works of art. The students are required to purchase materials needed for the course.

ART 312 Portrait Drawing 3 Units

Course Family: Figure Studies

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

General Education: CSU Area C1

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. Topics include the study of anatomy and historical and contemporary approaches to portrait drawing. Students need to purchase art materials and tools.

ART 320 Design: Fundamentals 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C1

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This is a studio course which covers the elements of art (line, shape, color, texture, and space) and principles of design (such as unity, variety, balance, movement, dominance, proportion, and economy) and the application of these elements in both fine and applied arts. This is a required course for students pursuing an AA in Studio Art and Design. The students are required to purchase materials needed for the course.

ART 322 Design: Image and Content 3 Units

Prerequisite: None.

Advisory: ART 320

General Education: AA/AS Area I

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course emphasizes study of images and their meanings based on the use of elements of art (line, shape, color, texture, and space) and principles of design (unity, variety, balance, proportion, dominance, movement, and economy). Topics include the historical development of visual images, the relationship between image and content, the use of different materials and techniques to create forms, images as visual expressions, and the use of elements of art and principles of design. Students are required to purchase materials needed for the course.

ART 323 Design: Color Theory 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C1

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course covers studio practices in the application and understanding of color as they are used in the fine and applied arts. Topics include color theory, its applications in two and three dimensional art, and historical use of colors in the visual arts. Students will need to purchase art supplies needed for the course.

ART 327 Painting 3 Units

Course Family: Painting

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

General Education: CSU Area C1

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is an introduction to the tools, materials, and techniques used in painting. Coursework includes exercises in light and color theory, description of form, color and spatial development, and composition. Students will need to purchase art materials and tools.

ART 328 Painting 3 Units

Course Family: Painting

Prerequisite: ART 327 with a grade of "C" or better

General Education: CSU Area C1

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This is an intermediate studio painting course for the student who wishes to expand technical skills and work in a more independent framework. The student will initiate and execute progressively complex assignments. Students must purchase all supplies for this course.

ART 330 Mural Painting 3 Units

Prerequisite: None.

Advisory: ART 300 and 320

General Education: AA/AS Area I

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course provides a survey of mural painting as a public art form. The course introduces the historical use of mural painting and examines the process of creating a mural painting by analyzing a site, researching, planning, and executing murals in public space, and working collaboratively with others. Field trips are required to execute the work on location if applied. Students are required to purchase selected materials needed for the course as specified by the instructor.

ART 332 Oil Painting 3 Units

Prerequisite: None.

Advisory: ART 300 and 320

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is an introduction to the medium and techniques used in oil painting. Topics include indirect and direct painting techniques in oil, application of elements of art and principles of design to depicting diverse subjects in naturalistic and abstract representations, and expressing oneself through the medium. Students are required to purchase supplies needed for the course.

ART 334 Acrylic Painting 3 Units

Course Family: Painting

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

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is an introduction to the medium and techniques used in acrylic painting. Topics include a historical development of acrylic as a painting medium, techniques used in acrylic painting, and media used in acrylic painting. Students are required to purchase supplies needed for the course.

ART 336 Watercolor Painting 3 Units

Course Family: Painting

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

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is an introduction to transparent watercolor painting. The course topics include various materials and brush techniques in watercolor, color theory, and composition. Students will need to purchase art materials and tools.

**ART 337 Intermediate Watercolor Painting
3 Units**

Course Family: Painting

Prerequisite: ART 336 with a grade of "C" or better

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course covers an in-depth study of watercolor in contemporary methods and concepts in transparent watercolor. Emphasis is given to different approaches in watercolor, composition, technical problems and solutions, and individual style development. Students are required purchase materials needed for the course.

ART 361 Printmaking: Survey 3 Units

Course Family: Printmaking

Prerequisite: None.

General Education: AA/AS Area I

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 (engraving, etching and drypoint), and planograph (silkscreening, collagraphy, and monotype) processes. Students will need to purchase art materials and tools.

ART 364 Printmaking: Relief 3 Units

Prerequisite: None.

Advisory: ART 300 and 320

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course covers the techniques of relief printmaking by hand and by printing press. Topics include historical development of relief printmaking, materials, and techniques used in relief prints using wood and linoleum. Students are required to purchase supplies needed for the course.

ART 370 Three Dimensional Design 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C1

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This is a studio course covering the study of three-dimensional designs. Course topics include application of the elements of art and principles of design to create three dimensional forms. Use of diverse materials and techniques used in three dimensional forms will be included. Students will need to purchase art materials and tools.

ART 372 Sculpture 3 Units

Course Family: Sculpture

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C1

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course provides basic practice in the expressive use of form and color in three-dimensional space. Students will learn technical skills, including casting, additive, and reductive/carving sculptural methods, as well as construction and assemblage methods. Students will need to purchase art materials and tools.

ART 373 Intermediate Sculpture 3 Units

Course Family: Sculpture

Prerequisite: ART 372 with a grade of "C" or better

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This is an intermediate course in the practice of the expressive use of form in three-dimensional space. It utilizes traditional additive and subtractive media, as well as constructive media, and other contemporary materials. The course utilizes a problem-solving format in order to develop knowledge of technical process, formal vocabulary, and individual expression. It examines both historical and contemporary approaches in developing form and content. Students will need to purchase art materials and tools.

**ART 383 Metal Design: Emphasis In Fabrication
3 Units**

Course Family: Small Metal Arts

Prerequisite: None.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This course covers historical and contemporary approaches to fabrication of metal and jewelry design. Sculptural jewelry forms will be made utilizing processes of fabricating, surfacing, soldering, forming and forging of metals. Basic methods and techniques for use with silver and base metals will be covered. Students will need to purchase art materials and tools.

ART 386 Intermediate Metal Design: Emphasis in Fabrication 3 Units

Course Family: Small Metal Arts

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

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

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

ART 387 Intermediate Metal Design: Emphasis in Forming 3 Units

Course Family: Small Metal Arts

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

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This is an intermediate course offering a historical and contemporary approach to the forming of metal and jewelry design. This class encompasses the wide range of procedures used to convert flat metal into volumetric form using the hydraulic press and the rolling mill in forming three dimensional metal objects.

ART 390 Ceramics 3 Units

Prerequisite: None.

General Education: AA/AS Area I

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

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

ART 402 Beginning Clay Sculpture 3 Units

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is an introduction to the basic hand-building techniques and methods devoted to three dimensional and relief sculptural forms in clay. The course topics include glazing and firing processes used in clay sculpture. Students will need to purchase art materials and tools.

ART 404 Intermediate Clay Sculpture 3 Units

Prerequisite: ART 402 with a grade of "C" or better

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. Students will need to purchase art materials and tools.

ART 430 Art and Children 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C1

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This course covers the use of materials and techniques of studio activities in the K-12 classroom. Topics include the elements of art, principles of design, materials used in two and three dimensional art, techniques used to create age appropriate art, and designing art curriculum for the K-12 classroom.

ART 447 Creating Supports for Painting 2 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is an introductory course on creating different types of supports for painting. Topics include preparing wood panels for oil and acrylic painting, stretching canvas, and stretching papers. This course is recommended for students who are majoring in studio art with painting emphasis or/and lifelong learners who wish to improve their skills in creating different supports for painting. Students are required to purchase materials needed for the course.

ART 495 Independent Studies in Art 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 162 hours LAB

This course involves a student working individually on a topic of study and research beyond the scope of regularly offered courses. Upon the approval of the proposed topic, the student will work and keep in contact with the advisory faculty to successfully complete the topic study. Students may take this course up to four times without duplication of the topics.

ART 499 Experimental Offering in Art .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Art History (ARTH)

ARTH 300 Introduction to Art 3 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This is an introduction to the visual arts and architecture in various world cultures. Lecture and discussion include an overview of different materials and techniques that are used for the visual arts such as drawing, painting, sculpture, artifacts, architecture, and printmaking. Topics also include the meaning and function of art, roles of artists, elements of art, and principles of design to develop visual literacy. It is a required course for art history majors.

ARTH 303 Art Survey: Ancient to 14th Century 3 Units

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of world art from the prehistoric period to the 14th century. The lecture and discussion include the developments of the visual arts and architecture of western and non-western cultures. This is a required class for students who are seeking an AA degree in Art History.

ARTH 304 Ancient Art 3 Units

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

ARTH 306 Medieval Art 3 Units

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

ARTH 307 Italian Renaissance Art 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces the visual arts and architecture of Italy from duecento (13th century) through cinquecento (16th century). Topics include the relationship between the visual arts and culture, and artists and their works from Proto-Renaissance, Renaissance, High Renaissance, and Mannerism.

ARTH 309 Art Survey: Renaissance to 19th Century 3 Units

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of art from the Proto-Renaissance (13th and 14th centuries) to Romanticism (19th century). The course examines paintings, sculptures, graphic art, artifacts, and architecture from western and non-western cultures. This is a required class for art history major students. (C-ID ARTH 120)

ARTH 311 Art Survey: Modern Art 3 Units

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

ARTH 312 Women in Art 3 Units

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This is a survey course of women's art: the depiction of women in the visual arts and the female artists and their works of art from the Middle Ages through the 21st century. The lecture and discussion include both European and non-European arts of women.

ARTH 313 History of Western Architecture: Prehistoric to Renaissance 3 Units

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course covers the history of Western Architecture from Prehistory to the Renaissance. Lecture and discussion include the development of architecture from c. 2500 B.C.E. to c. 1500 C.E.; architectural methods; relationship between the architecture and the culture; and comparison and contrast with Non-Western architecture.

ARTH 314 History of Western Architecture: Renaissance to Modern 3 Units

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course covers the history of Western Architecture from the Renaissance to the 19th century modern time. Topics include architecture from Renaissance, High Renaissance, Mannerism, Baroque, Rococo, and Neoclassicism periods in Europe and America and the meanings and functions of architecture within Western culture.

ARTH 318 History of American Art 3 Units

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course covers American art from pre-colonial period to the present day. Lecture and discussion include visual arts and architecture of the Native Americans prior to the arrival of Europeans and Colonial periods, Early American art and architecture, 19th century, 20th century, and the early 21st century American arts.

ARTH 324 Art of the Americas 3 Units

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

General Education: AA/AS Area I; AA/AS Area VI; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course covers the visual arts and architecture of indigenous Mesoamerica and South America. Topics include the relationship between art and beliefs, materials and techniques used in art and architecture, and comparison and contrast between the Mesoamerican and South American cultures.

ARTH 326 Traditional Native American Art 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

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 328 Survey of African Art 3 Units

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

General Education: AA/AS Area I; AA/AS Area VI; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course covers the visual arts and architecture of Africa. Topics include cultural and philosophical background of African arts, materials and techniques used, and the impact of African art to Western art.

ARTH 330 Survey of African-American Art**3 Units**

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

General Education: AA/AS Area I; AA/AS Area VI;
CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course covers the visual arts and architecture of black artists in America. Topics include the roots of African-American art, the Harlem Renaissance, and the political and social representations of the African-American culture.

ARTH 332 Asian Art 3 Units

Prerequisite: None.

Advisory: ARTH 300 and ENGWR 101

General Education: AA/AS Area I; AA/AS Area VI;
CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

ARTH 333 Introduction to Islamic Art 3 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area I; AA/AS Area VI;
CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

ARTH 495 Independent Studies in Art History**1-3 Units**

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course involves a student working individually on a topic of study and research beyond the scope of regularly offered courses. Upon the approval of the proposed topic, the student will work and keep in contact with the advisory faculty to successfully complete the topic study. Students may take this course up to four times without duplication of the topics.

ARTH 499 Experimental Offering in Art History**.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Biology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AS – Biology: Biological Sciences

Folsom Lake College’s Biology program offers courses which satisfy general education requirements in Life Sciences. Some courses are prerequisites for a degree in the Environmental Sciences or the health professions. In addition, the program helps prepare students for transfer opportunities to four-year programs in biological sciences, nursing, physical therapy, and programs leading to careers in teaching, medicine, dentistry, veterinary medicine, etc. All programs seek to develop critical thinking skills while fostering a lasting appreciation of biology. Students planning to continue for a four-year degree should consult the lower division requirements of the transfer program of the university to which they plan to attend.

Career Options

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

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

DEGREE AS – Biology: Biological Sciences

Biology programs at FLC seek to prepare lower division students for transfer to higher education institutions, entry into vocational programs, or science-related employment. All programs seek to develop critical thinking skills while fostering a lasting appreciation of biology.

REQUIRED PROGRAM.....	Units
<u>BIOLOGY CONCENTRATION OPTION</u>	
BIOL 400 Principles of Biology	5
BIOL 410 Principles of Botany	5
BIOL 420 Principles of Zoology	5
CHEM 400 General Chemistry	5
CHEM 401 General Chemistry	5
A minimum of 8 units from the following:	8
BIOL 350 Environmental Biology (3)	
BIOL 380 Natural History Field Studies: Coastal Ecosystems (1)	
BIOL 382 Natural History Field Studies: Desert Ecosystems (1)	

BIOL 384	Natural History Field Study of Forest Ecosystems (1 - 4)
BIOL 386	Natural History Field Studies: Marine Ecosystems (1)
BIOL 388	Natural History Field Studies: River Ecosystems (1)
BIOL 389	Natural History Field Studies: Wetland Ecosystems (1).....
BIOL 390	Natural History Field Study (0.5 - 4)
CHEM 420	Organic Chemistry (5)
CHEM 421	Organic Chemistry (5)
INDIS 360	Sustainability: Your Future on Planet Earth (3)
MATH 350	Calculus for the Life and Social Sciences I (3)
MATH 351	Calculus for the Life and Social Sciences II (3)
MATH 400	Calculus I (5)
MATH 401	Calculus II (5)
PHYS 350	General Physics (4)
PHYS 360	General Physics (4)
PHYS 411	Mechanics of Solids and Fluids (4)
PHYS 421	Electricity and Magnetism (4)
PHYS 431	Heat, Waves, Light and Modern Physics (4)
STAT 300	Introduction to Probability and Statistics (4)
TOTAL UNITS REQUIRED.....	33

This AS degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total.

Program Student Learning Outcomes

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

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

- Analyze data sets, recognize the implications of disturbances to biological systems, and synthesize information to draw conclusions.
- Differentiate between scientifically-derived knowledge, myth, and conjecture in professional or everyday encounters with information.
- Recognize and discuss ethical implications of biological research when encountered in personal, community, and scientific issues.
- Engage in free exchange of ideas to support creative problem solving.
- Evaluate former and proposed human activities, and, if necessary, recommend alternative actions that are environmentally sustainable.

HEALTH SCIENCE / PRE-PROFESSIONAL OPTION

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

This AS degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total.

Program Student Learning Outcomes

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

- Apply acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- Demonstrate knowledge of the language, facts, and concepts that serve as the foundation for working independently on more complex problems.
- Employ appropriate information-gathering tools to investigate scientific matters.
- Clearly communicate scientific information, both orally and in written form, to diverse audiences.

- Demonstrate laboratory habits consistent with accepted practices for safety, documentation, and core techniques.
- Differentiate between scientifically-derived knowledge, myth, and conjecture in professional or everyday encounters with information.
- Recognize and discuss ethical implications of biological research when encountered in personal, community, and scientific issues.
- Engage in free exchange of ideas to support creative problem solving.

PRE-NURSING OPTION

BIOL 430	Anatomy and Physiology.....	5
BIOL 431	Anatomy and Physiology.....	5
BIOL 440	General Microbiology.....	4
CHEM 305	Introduction to Chemistry.....	5
CHEM 306	Introduction to Chemistry.....	5
FCS 324	Human Development: A Life Span.....	3
NUTRI 300	Nutrition.....	3
PSYC 300	General Principles (3) or	
PSYC 320	Social Psychology.....	3
TOTAL UNITS REQUIRED.....		33

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

This AS degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total.

Program Student Learning Outcomes

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

- Utilize acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- Demonstrate knowledge of the language, facts, and concepts that serve as the foundation for working independently on more complex problems.
- Employ appropriate information-gathering tools to investigate health-related matters.
- Clearly communicate scientific information, both orally and in written form, to diverse audiences.
- Demonstrate laboratory habits consistent with accepted practices for safety, documentation, and core techniques.
- Demonstrate the ability to process information and make decisions based on the quality and relevance of the evidence.

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

TOTAL UNITS REQUIRED..... 33-57
(Depending on option selected)

Biology (BIOL)

BIOL 300 The Foundations of Biology 3 Units

Prerequisite: None.

Advisory: ENGWR 101 and MATH 100; or placement through the assessment process.

General Education: AA/AS Area IV; CSU Area B2; IGETC Area 5B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of major topics in the biological sciences for the non-science major with an emphasis on human biology. Units covered include the origin of life, cell structure and chemistry, metabolism, Mendelian and molecular genetics, genetic engineering, evolution, anatomy and physiology of humans, animal behavior and ecology.

BIOL 307 Biology of Organisms 4 Units

Prerequisite: None.

Advisory: ENGWR 101 and MATH 100; with a grade of "C" or better

General Education: AA/AS Area IV; CSU Area B2; CSU Area B3; IGETC Area 5B; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is a general biology course focusing on a survey of the plant and animal kingdoms. The course covers the general principles of biology including: methods of science, cell organization, genetics, evolution, ecology, biodiversity, and anatomy. These principles are explored in more depth through the examination of additional topics which may include: disease and epidemiology, physiological ecology, animal behavior, biotechnology, population growth and regulation, ecosystem ecology, and conservation biology. Evolution and biodiversity are continuing themes 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. Field trips scheduled outside of class time may be required. Students may be required to purchase eye protection and disposable gloves. Additionally, students may be required to provide their own transportation to field trip sites.

BIOL 310 General Biology 4 Units

Prerequisite: None.

Advisory: ENGWR 101 and MATH 100; or placement through the assessment process.

General Education: AA/AS Area IV; CSU Area B2; CSU Area B3; IGETC Area 5B; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course is a survey of biological science with an emphasis on human biology. It is intended for the non-science major as well as environmental technology majors. Units covered include cell biology, metabolism, Mendelian and molecular genetics, evolution, anatomy and physiology, animal behavior, and ecology. The laboratory activities are designed to further investigate and illuminate each topic area.

BIOL 323 Ethnobotany 4 Units

Prerequisite: None.

Advisory: ENGWR 101 and MATH 100; with a grade of "C" or better.

General Education: AA/AS Area IV; AA/AS Area VI; CSU Area B2; CSU Area B3; IGETC Area 5B; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This introductory course focuses on the concepts, questions, and methods of ethnobotany, the scientific study of the interactions between plants and humans. Students will use the scientific method to investigate the ecological and biological traits of plants, how these traits have shaped multicultural human use, and how plants have been affected by humans. Topics include plant structure and reproduction, the role of biodiversity in natural and cultivated systems, plant evolution under domestication, sustainable use of resources, ethnobotanical research techniques and ethical issues, and comparison of plant use by various cultures for food, medicine, shelter, basketry, and dyes. Laboratory topics include plant identification, experimental investigation of medicinal and food value of selected plants, traditional preparation of selected plants, preparation of herbarium specimens, and analysis of plant fibers and dyes. Field trips may be required.

BIOL 332 Introduction to Ornithology 3 Units

Prerequisite: None.

General Education: AA/AS Area IV

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 108 hours LAB

This introductory course covers the biology and natural history of birds. Topics include the evolutionary origins of birds and flight, avian physiology and sensory systems, migration, social behavior, reproduction, and conservation. Laboratory work explores bird structure and function, and teaches the taxonomic classification and identification of birds, particularly those found in California and the western United States. Laboratory work includes field trips to study bird identification, behavior, and ecology.

BIOL 350 Environmental Biology 3 Units

Same As: ENVT 304

Prerequisite: None.

General Education: AA/AS Area IV; CSU Area B2; IGETC Area 5B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides an overview of ecosystems and natural resources. Major topics covered include scientific methods, data interpretation, ecological principles, ecosystem functioning, conservation biology, resource use (including historical and cultural values) and management, and human-caused environmental impacts (e.g. pollution). This course provides the background needed to understand major global and regional issues such as acid rain, global warming, hazardous waste disposal, deforestation, ecological sustainability, and endangered species recovery. BIOL 350 is a general education course that is especially useful for Environmental Technology, Environmental Sciences, Ecology, Recreation, Education, and Political Science majors. This course is the same as ENVT 304. You cannot enroll in this course if you have passed ENVT 304. Field trips, attendance at public meetings, and/or a semester project may be required.

BIOL 380 Natural History Field Studies: Coastal Ecosystems 1 Unit

Prerequisite: None.

Course Transferable to CSU

Hours: 12 hours LEC ; 18 hours LAB

This course will study the ecology and natural history of coastal ecosystems covered in the field. Animals, plants, geology, and environmental impacts unique to coastal areas will be studied and their interrelationships investigated. Assignments, field notes and appropriate exams will be an integral part of the course. Students will be responsible for providing their own lodging or camping equipment and meals. Campsites will be available. This course is ideal for anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

BIOL 382 Natural History Field Studies: Desert Ecosystems 1 Unit

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 will be an integral part of the course. Students will be responsible for providing their own lodging or camping equipment and meals. Campsites will be available. This course is ideal for anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

BIOL 384 Natural History Field Study of Forest Ecosystems 1-4 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 12 hours LEC ; 18 hours LAB

This course will study the ecology and natural history of forest ecosystems covered in the field. Animals, plants, geology, and environmental impacts unique to forest and mountain areas will be studied and their interrelationship investigated. Assignments, field notes and appropriate exams/quizzes will be an integral part of the course. Students will be responsible for providing their own lodging or camping equipment and meals. Campsites will be available. Additional fees for tours or transportation may also be required. This course is ideal for anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

BIOL 386 Natural History Field Studies: Marine Ecosystems 1 Unit

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 anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

BIOL 388 Natural History Field Studies: River Ecosystems 1 Unit

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 anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

BIOL 389 Natural History Field Studies: Wetland Ecosystems 1 Unit

Prerequisite: None.

Course Transferable to CSU

Hours: 12 hours LEC ; 18 hours LAB

This course will study the ecology and natural history of wetland ecosystems covered in the field. Animals, plants, geology, and environmental impacts unique to wetland areas will be studied and their interrelationships investigated. Assignments, field notes and appropriate exams/quizzes will be an integral part of the course. Students will be responsible for providing their own lodging or camping equipment and meals. Campsites will be available. This course is ideal for anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

BIOL 390 Natural History Field Study .5-4 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 48 hours LEC ; 72 hours LAB

This course will study ecology and natural history covered in the field. Animals, plants, and geology will be studied and their interrelationships investigated. The course may be offered in the mountains, desert, or seashore and ocean. Assignments, field notes, and appropriate exams/quizzes will be an integral part of the course. Students will be responsible for providing their own lodging or camping equipment and meals. Campsites will be available. Additional fees for tours or transportation may also be required. This course is ideal for anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

BIOL 392 Principles of Heritage Interpretation 3 Units

Same As: ANTH 392 and HIST 392

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

This interdisciplinary course covers the basics of interpreting historical, cultural, and natural resources to the general public. Interpretation is a communication process that forges emotional and intellectual connections between the interests of the audience and the inherent meanings of the resource. Topics will include: developing audience awareness; understanding resource identification; developing a program using a thematic approach; writing measurable performance objectives; and learning program delivery techniques. Completion of this course will qualify students to apply for professional certification through the National Association for Interpretation as a Certified Interpretive Guide (CIG). This course is recommended for students interested in history, biology, anthropology, recreation, education, and communication. Not open to students who have received credit for Anthropology 392 or History 392.

BIOL 393 Field Experience in Biology or Heritage Interpretation 2 Units

Same As: ANTH 393 and HIST 393

Prerequisite: None.

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

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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

BIOL 400 Principles of Biology 5 Units

Prerequisite: CHEM 400 with a grade of "C" or better; AND Intermediate Algebra (Math 120 or the equivalent)
Advisory: CHEM 401; AND : ENGWR 101 AND ENGRD 110 with a grade of "C" or better.

General Education: AA/AS Area IV; CSU Area B2; CSU Area B3; IGETC Area 5B; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This course introduces universal biological principles, including biological molecules, enzymes, cell structure and function, biochemistry, Mendelian and molecular genetics, ecology and evolution. BIOL 400 is recommended for science majors and students in pre-professional programs.

BIOL 410 Principles of Botany 5 Units

Prerequisite: BIOL 400 with a grade of "C" or better
Advisory: ENGWR 101 and MATH 120; with a grade of "C" or better.

General Education: AA/AS Area IV; CSU Area B2; CSU Area B3; IGETC Area 5B; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

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

BIOL 420 Principles of Zoology 5 Units

Prerequisite: BIOL 400 with a grade of "C" or better
Advisory: ENGWR 101; or placement through the assessment process.

General Education: AA/AS Area IV; CSU Area B2; CSU Area B3; IGETC Area 5B; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This course is part of a three-semester sequence in general biology for biology majors. Topics include zoology with particular emphasis on comparative anatomy and physiology of vertebrates and invertebrates. The basic principles of evolution, taxonomy, embryology, morphology, physiology, behavior and ecology will be covered. Personal protective equipment including safety glasses and disposable gloves will be required. Field trips may be required.

BIOL 430 Anatomy and Physiology 5 Units

Prerequisite: CHEM 305 with a grade of "C" or better
Advisory: BIOL 310 and ENGWR 101; or placement through the assessment process.

General Education: AA/AS Area IV; CSU Area B2; CSU Area B3; IGETC Area 5B; IGETC Area 5C

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. Purchase of personal protective equipment including lab coats, safety glasses, and disposable gloves is required.

BIOL 431 Anatomy and Physiology 5 Units

Prerequisite: BIOL 430 with a grade of "C" or better
Advisory: ENGWR 101; or placement through the assessment process.

General Education: CSU Area B2; CSU Area B3; IGETC Area 5B; IGETC Area 5C

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, urinary, immune, digestive, endocrine, and reproductive systems. Both BIOL 430 and BIOL 431 must be taken to study all of the major body systems. Purchase of personal protective equipment including lab coats, safety glasses, and disposable gloves is required.

BIOL 440 General Microbiology 4 Units

Prerequisite: CHEM 305 or CHEM 400 with a grade of "C" or better, or equivalent high school chemistry.

Advisory: BIOL 307, BIOL 310, and ENGWR 101; or placement through the assessment process.

General Education: AA/AS Area IV; CSU Area B2; CSU Area B3; IGETC Area 5B; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 72 hours LAB

This course introduces the concepts of microbiology with an emphasis on forms, modes of growth, cell specialization, mutual, commensal and parasitic relationships of bacteria, fungi, molds, protozoa and viruses. Topics will be correlated with medical and health applications to animals and human beings. Students are required to purchase a laboratory coat, microscope slides, safety glasses, disposable gloves and a laboratory notebook. Field trips and/or a semester project may be required.

BIOL 442 General Bacteriology 5 Units

Prerequisite: CHEM 305, 306, or 400 with a grade of "C" or better; Or equivalent high school/college chemistry
Advisory: BIOL 307, BIOL 310, or ENGWR 101; or placement through the assessment process.

General Education: AA/AS Area IV; CSU Area B2; CSU Area B3; IGETC Area 5B; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This course provides a survey of bacteria, viruses, fungi, protozoa, and helminths that are associated with human infectious diseases. It examines their cellular and molecular structure, physiology, metabolism, and genetics. Laboratory work introduces methods for cultivating and characterizing microorganisms. Students are required to purchase a laboratory coat, microscope slides, safety glasses, disposable gloves and a laboratory notebook. Field trips and/or a semester project may be required.

BIOL 470 Behavioral Biology 3 Units

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

Advisory: BIOL 420

General Education: AA/AS Area IV; CSU Area B2; IGETC Area 5B

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

BIOL 472 Teaching Science to School-Age Children 3 Units

Prerequisite: None.

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

Course Transferable to CSU

Hours: 54 hours LEC

This course will train future teachers in the art and skill of making elementary and middle-school science teaching successful and interesting. Students will gain hands-on experience with numerous ways to teach life, physical, and earth science, including teaching students at an elementary or middle school. Other topics will include how students learn, how to set up labs, lab safety, environmental education, and assessment. This course is suitable for students majoring in education, interpretation, or science. Field trips to educational facilities are required.

BIOL 495 Independent Studies in Biology**1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 162 hours LAB

BIOL 499 Experimental Offering in Biology**.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Business

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

- DEGREES**
- AA – Business, General Transfer
 - AA – Business, General
 - AA – Business, Small Business Management/ Entrepreneurship
 - AA – Business, Administrative Assistant
 - AS-T – Business Administration

- CERTIFICATES OF ACHIEVEMENT**
- Business, Office Technician
 - Business, Small Business Management/ Entrepreneurship

- CERTIFICATE OF RECOGNITION**
- Business, Office Assistant

Folsom Lake College’s business programs are designed to provide an entrance into an exciting career. Many opportunities are available that can lead to immediate employment or career advancement. FLC offers a variety of degrees and certificates to meet students’ present and future needs. Whether it is one class or a step toward a degree, there are a variety of options. FLC also offers the Students in Free Enterprise (SIFE) club 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 Agent; Retail/Industrial Sales; Stockbroker; Tax Consultant

There are 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

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

- Each of the following core courses must be completed with a grade of “C” or better:
- Accounting 301, 311
 - Computer Information Science CISA 308, CISA 310, CISC 308
 - Economics 302, 304
 - Mathematics 343
 - Statistics 300

Competency in a foreign language at the 412 level is required for an International Business major.

In addition to the above core, a student, in consultation with a counselor, should plan a program to meet the transfer general education requirements.

**DEGREE
AA – Business, General**

REQUIRED PROGRAM.....	Units
ACCT 301 Financial Accounting.....	4
BUS 300 Introduction to Business	3
BUS 310 Business Communication	3
BUS 330 Managing Diversity in the Workplace	3
BUS 340 Business Law or	
BUS 345 Law and Society	3
CISC 310 Intro to Computer Information Science or	
A minimum of 3 units from the following:	
CISA 300, 310, 320, CISC 300, 320	3
ECON 302 Principles of Macroeconomics or	
ECON 320/BUS 320 Concepts of Personal Finance...	3
MGMT 362 Techniques of Management	3
MKT 300 Principles of Marketing.....	3

A minimum of 3 units from the following:

BUS 498 Work Experience (1-4)

A minimum of 6 units selected from the following concentrations: Accounting, Business, Computer Information Science, Management, Marketing, or Real Estate

TOTAL UNITS REQUIRED..... 37

Suggested Electives:

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

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

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

Program Student Learning Outcomes

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

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

DEGREE

AA – Business, Small Business Management/ Entrepreneurship

REQUIRED PROGRAM.....	Units
ACCT 301 Financial Accounting.....	4
BUS 300 Introduction to Business.....	3
BUS 310 Business Communication.....	3
BUS 330 Managing Diversity in the Workplace.....	3

BUS 340 Business Law or	
BUS 345 Law and Society	3
BUSTEC 302 Computer Keyboarding.....	2
CISC 310 Intro to Computer Information Science (3) or	

A minimum of 3 units from the following:

CISA 300, 310, 320; CISC 300, 320	3
ECON 302 Principles of Macroeconomics or	
ECON 320/BUS 320 Concepts of Personal Finance	3
MKT 300 Principles of Marketing.....	3
MKT 310 Selling Professionally or	
MKT 314 Advertising	3
BUS 350 Small Business Mgmt/ Entrepreneurship (3) or	

A minimum of 3 units from the following:

BUS 210, 212, 214, 218, 224.....	3
BUS 498 Work Experience.....	3
TOTAL UNITS REQUIRED.....	36

Suggested Electives:

ACCT 125, 341; MGMT 362, 372.

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

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

Program Student Learning Outcomes

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

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

DEGREE**AA – Business, General, Transfer**

REQUIRED PROGRAM.....	Units
ACCT 301 Financial Accounting	4
ACCT 311 Managerial Accounting	4
BUS 300 Introduction to Business.....	3
CISA 308 Exploring Word Process & Presentation Software.....	1
CISA 310 Intro to Electronic Spreadsheets.....	1
CISC 308 Exploring Computer Environment & the Internet	1
ECON 302 Principles of Macroeconomics.....	3
ECON 304 Principles of Microeconomics.....	3
STAT 300 Introduction to Probability and Statistics	4
TOTAL UNITS REQUIRED.....	24

Suggested Electives:

ACCT 341; BUS 310, 340, 345, BUSTEC 302; CISC 300, 310; MATH 343, 350, 400; MGMT 362, 372; MKT 300; RE 300.

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

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

Program Student Learning Outcomes

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

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

DEGREE**AA – Business, Administrative Assistant**

REQUIRED PROGRAM.....	Units
ACCT 301 Financial Accounting	4
BUS 100 English for the Professional	3
BUS 300 Introduction to Business.....	3
BUS 310 Business Communications	3
BUS 330 Managing Diversity in the Workplace	3
BUS 340 Business Law or BUS 345 Law and Society	3
BUS 498 Work Experience in Business.....	1-4
BUSTEC 302 Computer Keyboarding.....	2
BUSTEC 303 Computer Keyboard Formatting.....	2
BUSTEC 304 Computer Keyboard Speed & Accuracy Building	2
CISA 301 Intermediate Word Processing	1
ECON 302 Principles of Macroeconomics or ECON 320 Concepts in Personal Finance	3
MGMT 362 Techniques of Management.....	3
MKT 300 Principles of Marketing	3
A minimum of 5 units from the following:	5
CISA 300, 310, 320, CISC 300, 308, 310, 320	
A minimum of 4 units from the following:	4
ACCT 121, 341; BUS 105; CISA 311	
TOTAL UNITS REQUIRED.....	45-48

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

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

Program Student Learning Outcomes

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

- Identify and explain the major functional areas of the business organizations including management, marketing, finance, and accounting.
- Apply accounting concepts and principles in making decisions about business operations.
- Manage multiple office tasks and understand the importance of task prioritization.
- Develop leadership skills that are effective in managing a multicultural workforce.
- Produce clear, concise and mechanically correct business documents.
- Demonstrate electronic communication skills in the preparation and completion of office correspondence.

- Demonstrate proficiency in using software application (MS Word and Excel).
- Demonstrate proficiency in keyboarding at 40 words per minute.

DEGREE

AS-T – Business Administration

REQUIRED PROGRAM.....	Units
ACCT 301 Financial Accounting	4
ACCT 311 Managerial Accounting	4
BUS 340 Business Law (3)	
or BUS 345 Law and Society (3)	3
ECON 302 Principles of Macroeconomics	3
ECON 304 Principles of Microeconomics	3
A minimum of 3 units from the following:	3
STAT 300 Introduction to Probability and Statistics (4) or	
MATH 343 Modern Business Mathematics (4)	
A minimum of 6 units from the following:	6
BUS 310 Business Communications (3) or	
BUS 300 Introduction to Business (3) or	
CISC310 Introduction to Computer Information Science (3)	
TOTAL UNITS REQUIRED.....	26

Students are required to:

- Complete a minimum of 19 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework.
- Complete 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- No more than 60 semester units are required.
- A “P” (Pass) grade is not an acceptable grade for courses in the major.

Program Student Learning Outcomes

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

- Identify and explain the major functional areas of the business organizations including management, marketing, finance, and accounting.
- Apply commonly used computer application programs to create relevant business documents.
- Apply accounting and mathematical concepts and principles in making decisions about business operations.
- Assess the relationships and inter-dependencies of economic, social, legal, and global environments in which businesses operate.

CERTIFICATE OF RECOGNITION

Business, Office Assistant

REQUIRED PROGRAM.....	Units
<i>Core Courses:</i>	
BUS 100 English for the Professional	3
BUSTEC 120 Skills for Today’s Office.....	1
BUSTEC 302 Computer Keyboarding or Keyboarding speed verification at 25 wam or better	2
BUSTEC 303 Computer-Keyboard Formatting	2
BUSTEC 304 Computer Keyboard Speed & Accuracy Bldg or Keyboarding speed verification at 40 wam or better	2
CISA 300 Beginning Word Processing or CISA 308 Exploring Word Processing & Presentation Software	1
CISA 310 Intro to Electronic Spreadsheets.....	1
CISC 300 Computer Familiarization or CISC 308 Exploring Computer Environments & the Internet	1
TOTAL UNITS REQUIRED.....	13

This certificate program is designed to provide the tools needed for entry-level office positions. The Office Assistant Certificate is appropriate for students who do not have any clerical work experience. Upon completion of the Office Assistant Certificate, the student would be prepared for an office position as a trainee.

Program Student Learning Outcomes

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

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

CERTIFICATE OF ACHIEVEMENT

Business, Office Technician

REQUIRED PROGRAM.....	Units
BUS 100 English for the Professional	3
BUSTEC 110 Business Procedures for Professional Success.....	3
BUSTEC 302 Computer-Keyboarding (2) or Keyboarding speed verification at 25 wam or better	2
BUSTEC 303 Computer-Keyboard Formatting	2
BUSTEC 304 Computer-Keyboard Speed-and-Accuracy Building (2) or Keyboarding speed verification at 40 wam or better	2
CISA 300 Beginning Word Processing (1) or CISA 308 Exploring Word Processing and Presentation Software (1)	1
CISA 301 Intermediate Word Processing.....	1
CISA 310 Introduction to Electronic Spreadsheets.....	1
CISA 311 Intermediate Electronic Spreadsheets	1
CISC 300 Computer Familiarization (1) or CISC 308 Exploring Computer Environments and the Internet (1).....	1
A minimum of 1 unit from the following:.....	1
CISA 320 Introduction to Database Management (1)	
TOTAL UNITS REQUIRED.....	18

For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041493C01>

This certificate program is designed to provide the tools needed for an entry-level office position. The Office Technician certificate is designed to provide promotional skills for students desiring office positions. Upon completion of the Office Technician certificate, the student would be prepared for an office position.

Program Student Learning Outcomes

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

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

- Demonstrate competence using business office technology (copy machine, fax machine, 10-key calculator).

CERTIFICATE OF ACHIEVEMENT

Small Business Management/Entrepreneurship

REQUIRED PROGRAM.....	Units
BUS 300 Introduction to Business.....	3
BUS 350 Small Business Management/Entrepreneurship.....	3
MKT 300 Principles of Marketing	3
Four (4) units selected from:	4
ACCT 341; BUS 210, 212, 214, 218, 219, 224; ECON 304	
TOTAL UNITS REQUIRED.....	13

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

Program Student Learning Outcomes

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

- Create a business plan that covers all facets of operating a business.
- Organize and manage the different business functions necessary for ongoing operations.
- Appraise and evaluate business opportunities.

Business (BUS)

BUS 100 English for the Professional 3 Units

Prerequisite: ENGWR 51, ESLR 310 and ESLW 310 with a grade of "C" or better; or placement through the assessment process.

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. The course focuses on skills and techniques of effective business written communication including appropriate sentence structure, word usage, punctuation, spelling, business vocabulary, and business document formatting. Critical thinking and effective writing techniques are emphasized. This course focuses on teaching students the ability to analyze, compose, and organize written communication into effective business documents. Proofreading skills are stressed throughout the course. This course is required of all business technology majors and recommended for all business majors.

BUS 105 Business Mathematics 3 Units

Prerequisite: None.

Hours: 54 hours LEC

This course is a review of basic mathematical skills and introduces equations and formulas in solving for unknowns. Applications of mathematics in business include such areas as banking, commercial discounts, retail and wholesale markup-markdown, payroll computations, simple and compound interest, bank discount, present value, taxes, insurance, depreciation, and financial statements.

BUS 121 Business Etiquette 2 Units

Prerequisite: None.

Hours: 36 hours LEC

This 2-unit course is an introduction to the culture, ways and manners of American business. Unlike courses that focus on theories of management or practices of accounting, this course explores and defines the intricate set of manners, ways and practices of Americans in the business setting. Successful students will learn how to perform in a job interview, within an office, at a business social function, and with their subordinates, peers and superiors. This course will culminate with a field trip to an business restaurant for a formal business lunch where students will demonstrate their newly-learned skills among other businesspeople. This will involve a course materials fee. This course is not transferrable.

BUS 180 Introduction to the Nonprofit Sector 3 Units

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

Advisory: ENGWR 101

Hours: 54 hours LEC

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

BUS 181 Nonprofit Fundraising 3 Units

Prerequisite: None.

Hours: 54 hours LEC

This course will train students how to interact professionally and consistently with the public when raising funds. As many non-profits rely heavily on fundraising, this course will provide students with the essential knowledge that can be directly applied to real world organizations. This course will emphasize the acquisition and management of critical, recurring funds needed to fulfill the non-profit's organizational mission.

BUS 182 Nonprofit Governance and Financial Management 3 Units

Prerequisite: None.

Hours: 54 hours LEC

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

BUS 210 The Business Plan 1 Unit

Prerequisite: None.

Hours: 18 hours LEC

This course offers an organized, step-by-step approach to preparing a business plan. The plan will enable the students to solve problems "on paper" before they become operational or incur money problems. Every business should have a business plan and students will have the opportunity to create one in this course.

BUS 212 Marketing for Small Businesses 1 Unit

Prerequisite: None.

Hours: 18 hours LEC

This course emphasizes how a small business or non-profit organization can market its service or product to the consumer. The student will learn about ways to improve market mix, identify target markets, and develop a marketing plan.

BUS 214 Financing a Small Business 1 Unit

Prerequisite: None.

Hours: 18 hours LEC

This course covers sources and ways of raising capital for small businesses. The course focuses on determining the amount of capital needed and how to obtain capital. Emphasis will be placed on determining overall operating budgets, start-up costs, financial ratios and key financial statements.

BUS 218 Management Skills for the Small Business 1 Unit

Prerequisite: None.

Hours: 18 hours LEC

Small businesses heavily rely on the motivation of employees. Small business owners must understand and motivate others to help the business reach its objectives. This course covers such functions as planning and organizing work flow, delegating responsibilities, understanding leadership styles, decision making, stress and time management, and working with employee organizations.

BUS 219 Developing Your Entrepreneurial Idea 1 Unit

Prerequisite: None.

Hours: 18 hours LEC

This course provides students with insight and knowledge into developing their entrepreneurial idea. This course investigates the concepts of business planning and business ownership (entrepreneurship), 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. At the end of this course, students will be able to determine more clearly whether owning their own business is feasible.

BUS 224 Customer Service 1 Unit

Prerequisite: None.

Hours: 18 hours LEC

This course provides students with the insights to better understand customer needs and to help build better student relationships with both internal and external customers. Participants gain knowledge and skills in services activities in business, government, and other service industries. This course focuses on the importance of providing value added service through improved attitude, improved listening, conflict management, problem-solving, and successful customer service interactions. Additional emphasis is placed on the importance of effective communications in providing customer service.

BUS 295 Independent Studies in Business 1-3 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

BUS 299 Experimental Offering in Business .5-4 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

BUS 300 Introduction to Business 3 Units

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides a survey of various business areas, including Accounting, regulation, negotiation, ethics, information technology, management, marketing, global competition, economics, finance, environmental factors, implementation, communications, leadership, and business planning. The course is designed to be taken by all beginning students interested in business. It is a core requirement for business majors. (C-ID BUS 110)

BUS 310 Business Communications 3 Units

Prerequisite: None.

Advisory: BUS 100

General Education: AA/AS Area II(a)

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.

BUS 320 Concepts in Personal Finance 3 Units

Same As: ECON 320

Prerequisite: None.

Advisory: BUS 105

General Education: AA/AS Area V(b)

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. This course is not open to students who have received credit for ECON 320.

BUS 330 Managing Diversity in the Workplace**3 Units**

Prerequisite: None.

General Education: AA/AS Area V(b); AA/AS Area VI; CSU Area D7

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's and global consumer's impact on the United States are analyzed.

BUS 340 Business Law 3 Units

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introductory coverage of the law in its relationship to business. The course covers the American legal system as an instrument of economic, social, and political control. It stresses basic business torts, crime and business, agency, employment and the legal structures of business.

BUS 341 Advanced Business Law 3 Units

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an expanded exploration of the legal concepts and principles of contracts, agency and employment, consumer law, environmental law, and property law. Successful students will learn critical thinking and writing in a business environment involving contract law, landlord/tenant law, employment and regulatory law.

BUS 345 Law and Society 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); CSU Area D8; IGETC Area 4G

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to the American legal system emphasizing the nature, purpose, sources and functioning of American law but including some comparative analysis of other historical and contemporary legal systems. It stresses the evolution of legal concepts as a reflection of the social environment and the role of the judiciary in establishing social policy. This course should not be taken in place of BUS 340 when required. Students may be required to subscribe to a daily newspaper and to bring the paper to class.

BUS 350 Small Business Management/Entrepreneurship 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This class provides an overview of the various elements involved in starting and operating a small business. It introduces such topics as developing a business plan, finding financial resources, developing personal and business goals, meeting legal requirements, understanding marketing concepts, and other topics of interest to the entrepreneur.

BUS 354 Students in Free Enterprise 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course provides students with an overview of what it takes to be successful in business through implementation of group projects and business leadership practices. Students will complete community-based business projects, focusing on business and project planning, team building, communications, preparing and processing information, and leadership. Students will plan, implement, and evaluate each project and then compose an annual report and deliver a professional presentation that will be evaluated by a selection of industry and business leaders at a regional competition. Students receive instruction in the areas of entrepreneurship, small business management, business planning, project management, oral and written presentation skills. This course emphasizes activities and techniques that develop competencies needed to become a successful business leader. There is a material fee for this course.

BUS 355 Introduction to Global Entrepreneurship 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course provides an introduction to the various elements involved in the development of new global small businesses and the expansion of existing business to a global level. The course introduces topics including: successful traits of a global entrepreneur, the entrepreneur's role in the global economy, the basics of exporting, economic considerations in global business, sources of international marketing data, and international business relations across cultures. Emphasis will be placed on the principle concepts of global entrepreneurship.

BUS 356 Global Business Operations 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This class provides an overview of the necessary training to manage global business operations. The course will focus on strategies to effectively operate within differing cultures, following an efficient distribution plan, developing and achieving business goals, political and technological issues on a global scale, and other topics of interest to future participants in the global marketplace. Emphasis will be placed on operations which must be in place to foster global trade and exporting including logistics, trade regulations, economic considerations, and marketing.

**BUS 490 Individualized Projects in Business
1-4 Units**

Prerequisite: None

Advisory: At least two semesters of successful work leading to an Associate Degree or Certificate in Accounting, Business, Computer Information Science, Finance, Management, Marketing, Office Administration or other related field.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is designed to help the student focus skills previously learned in an area of business. The student, with the help of the instructor, will produce a project that utilizes a variety of skills. The student will describe a problem, plan a process to arrive at a solution, work with the instructor to secure those resources necessary to complete the project, submit progress reports on a regular basis, and present a finished product. This class may be required for some degrees or certificates.

**BUS 495 Independent Studies in Business
1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

BUS 498 Work Experience in Business 1-4 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to management/business. Students are advised to consult with the Management/Business Department to review specific certificate and degree work experience requirements.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

**BUS 499 Experimental Offering in Business
.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Business Technology (BUSTEC)

**BUSTEC 102 Computer Keyboarding 10-Key
1 Unit**

Prerequisite: None.

Hours: 9 hours LEC ; 27 hours LAB

This course introduces the numeric keypad and develops the ability to key information into a computer with speed and accuracy. Simulated employment tests based on industry standards are included. Students are required to have access to a computer with a 10-key key pad, Internet capabilities, and an e-mail account.

BUSTEC 110 Business Procedures for Professional Success 3 Units

Prerequisite: None.

Advisory: BUS 100, BUSTEC 302, BUSTEC 303, CISA 308, CISA 310, CISA 320, or ENGWR 101

Hours: 54 hours LEC

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

BUSTEC 120 Skills for Today's Office 1 Unit

Prerequisite: None.

Advisory: BUSTEC 302; or keyboarding speed verification at 25 wam or better.

Hours: 18 hours LEC

This course is designed to build upon word processing and spreadsheet training in the computer science/business area, and complete the training necessary to perform effectively and become a skilled employee in the modern, computerized office. The course includes preparing and processing information: word processing and spreadsheet documents; communicating via fax, e-mail, voicemail, Internet, and telephone; and using copiers and other office equipment. Students will simulate office situations. This course emphasizes activities and techniques that enhance competencies needed in today's office. Students will need some type of removable memory media, for example a flash memory stick (USB flash drive).

BUSTEC 121 Next Skills: Skills for Today's Workforce 3 Units

Prerequisite: None.

Hours: 54 hours LEC

This course is designed to provide training needed for today's workforce. This course teaches skills that employers from across the nation have identified as the key skills workers must master for businesses to increase their competitiveness. These eight categories include: navigating technology at work; time management; organization skills; effective listening; valuing diversity; interpersonal communications; value-added service; and using creativity and innovation. This course utilizes activities including role playing and critical thinking to teach these valuable skills.

BUSTEC 190 Business Technology for English Language Learners 2 Units

Prerequisite: None.

Hours: 36 hours LEC

This course is designed for students who need an introduction to business technology and who also use English as their second language. Topics covered will include computer terminology and basic computer use. Using a highly visual approach, students will learn computer basics. Reinforced with illustrations and practical, hands-on projects and exercises, students will go through a simplified, systematic approach of learning computer skills needed to effectively operate a computer and complete basic computer skills.

BUSTEC 299 Experimental Offering in Business Technology .5-4 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

BUSTEC 302 Computer-Keyboarding 2 Units

Prerequisite: None.

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 36 hours LEC

This intensive introductory computer-keyboard course emphasizes operating alphabetic, numeric, and symbol keys by touch. It includes computer-keyboarding techniques, speed-and-accuracy development, proofreading proficiency, essential computer-keyboarding information. Students will need access to a computer and Internet, an e-mail account, and some type of computer media to store data files, for example a flash memory drive (USB memory stick).

**BUSTEC 303 Computer-Keyboard Formatting
2 Units**

Prerequisite: BUSTEC 302 with a grade of "C" or better
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. Students need access to a computer and the Internet, an e-mail account, and some type of computer media to store data files, for example a flash memory stick (USB memory drive).

BUSTEC 304 Computer-Keyboard Speed-and-Accuracy Building 2 Units

Prerequisite: BUSTEC 302 with a grade of "C" or better
Course Transferable to CSU

Hours: 36 hours LEC

This course builds upon current computer-keyboard skills and stresses speed and accuracy keyboarding techniques. It includes skills assessment and individually prescribed improvement plans. The student will be reading and interpreting written and oral instructions. Students must have access to a computer with Internet access and email. Students who feel that they have skills equivalent to the prerequisite are encouraged to apply for credit by examination for BUSTEC 302.

BUSTEC 307 Computer-Keyboarding 6 Units

Prerequisite: None.

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 72 hours LEC ; 108 hours LAB

These intensive computer-keyboard courses emphasize operating alphabetic, numeric, and symbol keys by touch. Course topics include computer-keyboarding techniques, speed-and-accuracy development, proofreading proficiency, and the use of essential computer-keyboarding information. Students will need access to a computer, Internet, and an active e-mail account. The series of Computer-Keyboarding classes range from introduction to advanced level courses.

**BUSTEC 307.1 Intro Keyboarding/Application
2 Units**

Prerequisite: None.

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 24 hours LEC ; 36 hours LAB

This intensive introductory computer-keyboard course emphasizes operating alphabetic, numeric, and symbol keys by touch. It includes computer-keyboarding techniques, speed-and-accuracy development, proofreading proficiency, and the use of essential computer-keyboarding information. Students will need access to a computer, Internet, and an e-mail account.

**BUSTEC 307.2 Intermediate Keyboarding/
Application 2 Units**

Prerequisite: BUSTEC 307.1 with a grade of "C" or better

Course Transferable to CSU

Hours: 24 hours LEC ; 36 hours LAB

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. Students need access to a computer with Internet access and an active e-mail account.

**BUSTEC 308 Skill-Building Keyboarding/
Application 2 Units**

Prerequisite: BUSTEC 307.1 with a grade of "C" or better

Course Transferable to CSU

Hours: 24 hours LEC ; 36 hours LAB

This course builds upon current computer-keyboard skills and stresses speed and accuracy keyboarding techniques. It includes skills assessment and individually prescribed improvement plans. The student will be reading and interpreting written and oral instructions. Students must have access to a computer with Internet access and active email account. Students, who feel they have skills equivalent to the prerequisite, may challenge the prerequisite by completing the Prerequisite Challenge Application in the Admissions and Records Office.

BUSTEC 332 Integrated Business Projects**3 Units**

Prerequisite: None.

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 54 hours LEC

This course integrates office administration skills and procedures using a suite of computer applications. Course content integrates word processing, spreadsheet, database, presentation, and communication software to create, format, revise, share, and maintain business documents and data. Hands-on business projects are based on current office systems and incorporate problem-solving skills and real world business simulations. Students are required to have a USB (thumb drive) memory stick.

BUSTEC 499 Experimental Offering in Business**Technology .5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Chemistry

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

The Chemistry Program at Folsom Lake College consists of:

- A series of chemistry courses designed to meet transfer requirements for physical and biological science majors and Allied Health majors.
- A series of courses intended for students majoring in fields other than chemistry, biology, or physical science seeking to fulfill GE science requirements.
- An entry level course that provides preparation or review of more basic concepts.

All chemistry courses at FLC include a practical component where students conduct hands-on chemical experimentation in a modern, well-equipped laboratory.

Career Options

Chemist; Pharmacist; Chemical Engineer; Physician; Dentist; Veterinarian; Allied Health Professional; Biologist; Physicist; Geologist; Geochemist; Oceanographer; Nutritionist.

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

Highlights

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

NOTE: ALL CHEMISTRY STUDENTS

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

Chemistry (CHEM)

CHEM 305 Introduction to Chemistry 5 Units

Prerequisite: MATH 100 with a grade of "C" or better
General Education: AA/ AS Area IV; CSU Area B1; CSU Area B3; IGETC Area 5A; IGETC Area 5C

Enrollment Limitation: Students must be 16 and at least sophomores in high school. Minor aged students who are not legally emancipated must have their parent(s)/ guardian review laboratory safety protocols prior to attending class.

Course Transferable to UC/CSU

Hours: 72 hours LEC ; 54 hours LAB

This course introduces fundamental principles of chemistry including types of matter and physical states, physical and chemical transformations, chemical equations and stoichiometry, bonding, atomic and chemical structure, intermolecular forces, gas laws, solutions, colligative properties, acids and bases, nuclear chemistry, and includes a brief introduction of organic chemistry. It is primarily intended for general education and majors in allied health (nursing, dental hygiene, respiratory care), family and consumer science, physical education, physical therapy(*), psychology(*), natural resources(*). Chem 305 can also be used as a preparatory course prior to enrolling in Chem 400. Students will require approved safety goggles for this course. *May require CHEM 400.

CHEM 306 Introduction to Chemistry 5 Units

Prerequisite: CHEM 305 with a grade of "C" or better
General Education: AA/AS Area IV; CSU Area B1; CSU Area B3; IGETC Area 5A; IGETC Area 5C
Enrollment Limitation: Students must be at least 16 and sophomores in high school. Minor aged students who are not legally emancipated require their parent(s)/guardian review laboratory safety protocols prior to attending class.

Course Transferable to UC/CSU

Hours: 72 hours LEC ; 54 hours LAB

This course is the second semester of General, Organic and Biological chemistry (a continuation of Chemistry 305). This course is intended for students majoring in the Allied Health fields (nursing B.S.N degree), and dental hygiene). This course introduces students to the structure and function, as well as the physical and chemical properties of organic molecules. Emphasis is on the specific functional groups found in carbohydrates, proteins, lipids, and nucleic acids, the types of reactions they undergo and their relevancy to human physiology and health. Students will require approved safety goggles for this course. Approved Safety Goggles, several pairs of disposable gloves. A lab coat or apron is advised but optional.

CHEM 321 Environmental Chemistry 3 Units

Prerequisite: None.

General Education: AA/AS Area IV; CSU Area B1; IGETC Area 5A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course explores the interrelationship of human beings and the surrounding environment with regard to the chemical substances that are encountered in everyday life. The role of chemistry in both creating environmental problems as well as providing solutions to environmental problems will be examined. Students will learn how chemicals released to the environment can have adverse effects on ecosystems and human health. Chemical and physical methods of controlling and remediating air, water, and soil pollutants will be covered. The role of environmental regulations in preventing and mitigating environmental degradation will also be covered. By the completion of this course, students will have acquired skills and techniques that can be utilized to examine environmental problems and their proposed solutions.

CHEM 322 Environmental Chemistry Laboratory 1 Unit

Prerequisite: None.

Corequisite: CHEM 321; CHEM 321 (may be taken previously). Grade of "C" or better required to meet corequisite.

General Education: CSU Area B3; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course provides "hands-on" opportunities for students to collect and analyze data about chemicals found in the environment. Students will learn how to collect and analyze soil, water and air samples for environmental quality parameters and the presence of pollutants. Analysis of samples will involve the use of readily available field test equipment. Field trips for sample collection will take place during laboratory periods or at arranged times. There may also be field trips to environmental analytical laboratories.

CHEM 400 General Chemistry 5 Units

Prerequisite: CHEM 300, CHEM 305 or CHEM 310 (taken at any Los Rios College) with a grade of "C" or better; or one year in High School Chemistry with a lab earning a grade of "C" or better; and MATH 120.

General Education: AA/AS Area IV; CSU Area B1; CSU Area B3; IGETC Area 5A; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This is a general college chemistry course intended for students majoring in the scientific disciplines including chemistry, biology, nutrition, physics, geology and engineering. This course emphasizes the fundamental principles of chemistry. Topics include chemical measurement; physical and chemical processes; nomenclature; stoichiometry; atomic structure; quantum theory; molecular structure; bonding theory; physical properties of gases, liquids, and solids; thermochemistry; and properties of solutions. Students are required to purchase indirect vent safety goggles, closed toe shoes, and a bound quad-ruled notebook for the laboratory.

CHEM 401 General Chemistry 5 Units

Prerequisite: CHEM 400 with a grade of "C" or better
General Education: CSU Area B1; CSU Area B3; IGETC Area 5A; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This course is a continuation of the two-semester series in general college chemistry. CHEM 401 is intended for students majoring in the scientific disciplines including chemistry, biology, physics, and geology. Topics presented in the course include kinetics, equilibrium, acid/base chemistry, thermodynamics, electrochemistry, nuclear chemistry, and coordination chemistry. A brief introduction to Organic Chemistry is included. Laboratory experiments include qualitative and quantitative analysis.

CHEM 410 Quantitative Analysis 5 Units

Prerequisite: CHEM 401 with a grade of "C" or better
General Education: AA/AS Area IV; CSU Area B1; CSU Area B3

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This course focuses on the principles and techniques utilized in modern quantitative analysis. Gravimetric, volumetric, electroanalytical, spectrophotometric, and chromatographic analytical methods will be studied theoretically and with practical laboratory experiments. Emphasis throughout the course will be on sampling, calibration, statistical analysis, and method validation procedures. This course is intended for science majors, including chemistry, chemical engineering, biochemistry, biology, forensic science, and microbiology.

CHEM 420 Organic Chemistry 5 Units

Prerequisite: CHEM 401 with a grade of "C" or better
General Education: AA/AS Area IV; CSU Area B1; CSU Area B3; IGETC Area 5A; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This is a lecture/laboratory course designed to introduce students to the basic concepts of organic chemistry. This course is designed for science majors, pre-med, pre-dental, and pre-pharmacy majors. Lecture topics will include acid/base chemistry, pushing electrons, organic nomenclature, alkane chemistry, alkene chemistry, alkyl halides, alcohols, ethers, physical properties of alkanes and cycloalkanes, SN1, SN2, E1, E2 mechanisms. Laboratory work will include characterization of organic molecules using modern analytical instrumentation such as (GC, GC/MS, NMR, FTIR, polarimetry, and HPLC) and the measurement of their physical properties. Separation and purification of organic compounds will also be covered in the lab section; these techniques include distillation, recrystallization, preparative chromatography, liquid-liquid extraction and thin-layer chromatography. This course requires that students purchase additional supplies such as a Gas Chromatography micro-syringe and safety goggles. Students will need to purchase a lab journal to record students experimental information. Students will also need to check with the instructor for supplemental lab supplies that may not be provided during check-in.

CHEM 421 Organic Chemistry 5 Units

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

General Education: CSU Area B1; CSU Area B3; IGETC Area 5A; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 108 hours LAB

This course is a lecture-laboratory course that is a continuation of Chemistry 420. This course concludes an introduction to organic chemistry. This course is designed for science majors, pre-med, pre-dental, and pre-pharmacy majors. Lecture topics include the chemistry of ethers, epoxides, conjugated dienes, aromatic compounds, carbonyl compounds, enolate condensation, amines, phenols, polymerization reactions, and selected biologically important compounds. The course also includes continued application of spectroscopic methods (IR, NMR, UV-vis and MS) applied to organic chemistry. Laboratory emphasis is on synthesis of organic compounds. Experiments include the preparation, isolation, quantitation, purification, identification and mechanism elucidation of molecules synthesized. Students will continue to expand their ability to operate and utilize a variety of modern chemical instrumentation - gas chromatography, high performance liquid chromatography, fourier transform - infrared spectroscopy, and gas chromatography-mass spectroscopy.

CHEM 495 Independent Studies in Chemistry**1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

CHEM 499 Experimental Offering in Chemistry**.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Communication & Media Studies

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AA-T – Communication Studies

CERTIFICATE OF ACHIEVEMENT
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 students and faculty in the pursuit of continuing education to better their personal, academic and professional lives, to help them meet the communication challenges of an increasingly complex world, and to adapt to the changing communication demands of the future.

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; Journalism; Public Relations.

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
AA-T – Communication Studies

REQUIRED PROGRAM..... Units
Required Core:
COMM 301 Introduction to Public Speaking..... 3
Category A:
A minimum of 6 units from the following: 6
COMM 311 Argumentation and Debate (3)
COMM 321 Interpersonal Communication (3)
COMM 331 Group Discussion (3)
Category B (plus any course not used above):
A minimum of 6 units from the following: 6
CMED 300/COMM 351 Mass Media and Society (3)
COMM 315 Persuasion (3)
COMM 325 Intercultural Communication (3)
COMM 363 Introduction to Communication Theory (3)
COMM 373 Forensics Laboratory (2)
Category C (plus any course not used above):
A minimum of 3 units from the following: 3
Any transfer level communication course not used to satisfy another part of the degree requirements. Students should also consider courses in Journalism and Communications Media to fulfill GE requirements not met by the Communication courses listed in the degree.

CMED 300/COMM 351	Mass Media and Society (3)
COMM 305	Oral Interpretation (3)
COMM 325	Intercultural Communication (3)
COMM 341	Organizational Communication (3)
COMM 361	The Communication Experience (3)
COMM 363	Introduction to Communication Theory (3)
TOTAL UNITS REQUIRED..... 18	

Students are required to:

- Complete a minimum of 19 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework.
- Complete 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- No more than 60 semester units are required.
- A "P" (Pass) grade is not an acceptable grade for courses in the major.

The AA for Transfer in Communication Studies prepares students for graduation from Folsom Lake College and specifically will transfer to a CSU, including lower division preparation for the major. Courses required for the degree provide students with a practical as well as theoretical foundation in the discipline and offer a critical perspective on human communication in a variety of contexts. Students completing this program will explore the history and interdisciplinary nature of human communication, develop communication competency for a variety of contexts, compose and critically evaluate oral, written and visual messages for diverse audiences, construct and defend arguments in support of a thesis, as well as demonstrate individual responsibility and integrity in all communication interactions.

NOTE TO TRANSFER STUDENTS: Students interested in transferring to a four-year college or university to pursue a bachelor's degree in this major should meet with a counselor to confirm the courses required for lower division preparation in the major. Transfer institutions may vary in terms of the required preparation.

Program Student Learning Outcomes

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

- Explain the history, evolution and multidisciplinary nature of human communication.
- Analyze evidence and reasoning to identify and provide appropriate and credible support for written and oral communication.

- Demonstrate individual responsibility, integrity, and respect in all communication interactions.
- Design and deliver effective and appropriate written, oral and/or visual messages in a variety of personal, professional, and social contexts.
- Utilize both nonverbal and verbal communication strategies appropriate for diverse audiences in order to demonstrate communication competency.
- Differentiate amongst various theoretical perspectives within the discipline of Human Communication.

CERTIFICATE OF ACHIEVEMENT Applied Communication Skills

REQUIRED PROGRAM..... Units

A minimum of 12 units from the following:

COMM 301	Introduction to Public Speaking (3)
COMM 311	Argumentation and Debate (3)
COMM 315	Persuasion (3)
COMM 321	Interpersonal Communication (3)
COMM 325	Intercultural Communication (3)
COMM 341	Organizational Communication (3)

TOTAL UNITS REQUIRED..... 12

According to the Conference Board, a global, independent business and research association, several skills have been identified as key to the success of today's employees. These identified skills include critical thinking and problem solving, speaking and listening skills, teamwork and collaboration, diversity, and leadership skills. The Certificate in Applied Communication Skills is designed to deliver these highly marketable skill sets so that students will be better prepared to work and perform in a variety of organizational settings.

Program Student Learning Outcomes

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

- Design and relate messages clearly for effective and appropriate oral communication.
- Apply effective listening skills to comprehend spoken messages, analyze information critically and consider multiple perspectives.
- Compose ideas clearly in effective, appropriate and well-organized written messages.
- Demonstrate effective communication appropriate to diverse contexts and people.
- Demonstrate and apply effective group communication strategies
- Demonstrate effective problem solving and conflict resolution skills

Communication Studies (COMM)

COMM 301 Introduction to Public Speaking 3 Units

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

General Education: AA/AS Area II(b); CSU Area A1; IGETC Area 1C

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course prepares students to speak in a variety of rhetorical situations: academic, professional, social, and political. Students will demonstrate effective verbal and non-verbal delivery, ethical research methodology, analytical thinking and listening skills, organization and outlining skills, and appropriate presentation skills. In order to effectively assess oral communication competency, each student will complete a minimum of 22 minutes of evaluated speaking time. Emphasis is on researching, preparing, organizing, writing and presenting a variety of speeches for different audiences. Video recording equipment may be used as an aid to the student's self-analysis and improvement. Access to a computer with online capabilities may be required and is available on campus. (C-ID COMM 110)

COMM 305 Oral Interpretation 3 Units

Prerequisite: None.

Advisory: COMM 301 or ENGWR 300

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces students to the field of performance studies through the oral interpretation of various literary genres, including Western and Non-Western literature. The focus is on audience analysis, selection and thematic analysis of literature, script writing, discussion and application of vocal and physiological delivery techniques, program performance, and post-performance evaluation. Theoretical issues and historical developments are examined and applied to the current performance trends in solo, duo and interpreters' theatre. (C-ID COMM 170)

COMM 311 Argumentation and Debate 3 Units

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

Advisory: COMM 301

General Education: AA/AS Area II(b); CSU Area A1; CSU Area A3; IGETC Area 1C

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course covers both the theory and practice of argumentation and debate. Students will learn to effectively develop and respond to reasoned written and oral arguments, to critically evaluate various types of evidence, to identify fallacies in reasoning and language, and to advocate within the structures of formal debate and public advocacy. Students will develop critical thinking and communication skills necessary to advance a cogent, cohesive argument in support of a proposition, as well as defend and refute arguments. (C-ID COMM 120)

COMM 315 Persuasion 3 Units

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

General Education: AA/AS Area II(b); CSU Area A3; IGETC Area 1B

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, including commercial, interpersonal, public, and mass media. Students develop critical thinking skills by engaging in oral and written analysis, evaluation, and composition of persuasive messages and by examining the personal, political, cultural, and social impacts of persuasion. Students explore ethical considerations of persuasive communication; learn about types of reasoning; and identify fallacious arguments as they occur in persuasion. Students will write a minimum of 6,000 written words in a variety of essay formats.

COMM 321 Interpersonal Communication**3 Units**

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

General Education: AA/AS Area III(b); CSU Area E1

Course Transferable to UC/CSU

Hours: 54 hours LEC

Students in this course will explore and apply communication concepts associated with developing and maintaining satisfying interpersonal relationships. Through a variety of class activities, students experiment with various approaches to successful communication in interpersonal contexts, including conflict management and active listening. Additionally, students will improve communication competency through a heightened awareness of the complexity of interpersonal communication and the development of skills as both senders and receivers of shared messages. (C-ID COMM 130)

COMM 325 Intercultural Communication**3 Units**

Prerequisite: Eligibility for ENGWR 101

General Education: AA/AS Area V(b); AA/AS Area VI; CSU Area D7; IGETC Area 4G

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces students to the challenges and promises of intercultural communications in the United States. Variations and commonalities in communication patterns across cultures are examined as well as processes and outcomes among persons of different group-based experiential backgrounds. Practical application of factors which influence communication among individuals of different cultures is emphasized. (C-ID COMM 150)

COMM 331 Group Discussion 3 Units

Prerequisite: ENGWR 101 or eligibility for ENGWR 300.

General Education: AA/AS Area II(b); CSU Area A1; IGETC Area 1C

Course Transferable to UC/CSU

Hours: 54 hours LEC

Group communication is pervasive in all academic, professional, and social environments. This course is designed to increase students' understanding of group communication and to prepare students to function more effectively in various types of groups. Students will learn about the dynamics of group roles, the multiple functions of groups, leadership styles, conflict management, problem-solving, and decision-making. Individual and group presentations are required. Videorecording equipment may be used as an aid to the student's self-analysis and improvement. Access to a computer with online capabilities may be required and computer access is available on campus. (C-ID COMM 140)

COMM 341 Organizational Communication**3 Units**

Prerequisite: ENGWR 101 with a grade of "C" or better; eligibility for ENGWR 300

General Education: AA/AS Area V(b); CSU Area D7

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 351 Mass Media and Society 3 Units

Same As: CMED 300 and JOUR 310

Prerequisite: None.

General Education: AA/AS Area V(b); CSU Area D0; CSU Area D7; IGETC Area 4J

Course Transferable to UC/CSU

Hours: 54 hours LEC

The class will offer a survey of the mass media: history, philosophy, structure and trends, as well as theories, which help to explain effects and the importance of media as a social institution. The course will explore economics, technology, law, ethics, and social issues, including cultural and ethnic diversity. This course is the same as JOUR 310 and CMED 300; only one of these courses may be taken for credit.

COMM 361 The Communication Experience 3 Units

Prerequisite: ENGWR 101 with a grade of "C" or better; eligibility for ENGWR 300.

General Education: AA/AS Area II(b); CSU Area A1; IGETC Area 1C

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces students to the fundamental concepts and skills necessary for effective interpersonal, small group and public communication. Course content includes an emphasis on both communication theory and practice by providing students with the opportunity to develop communication competency through a variety of presentation formats. Special emphasis is placed on practical experiences within groups, facilitation of interpersonal relationships, as well as message design and delivery for multiple purposes and to diverse audiences. In order to effectively assess oral communication competency, each student will complete a minimum of 22 minutes of evaluated speaking time. Videotaping may be required for this course. Access to a computer with online capabilities may be required and is available on campus.

COMM 363 Introduction to Communication Theory 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); AA/AS Area II(b); CSU Area D7; IGETC Area 4G

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 of Human Communication Studies add to their existing body of knowledge. (C-ID COMM 180)

COMM 373 Forensics Laboratory 2 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 108 hours LAB

Through individualized instruction and participation in public speaking events, academic debate, literature interpretation, public campaigns, and/or training presentations, students will develop listening skills, organization skills, and the ability to recognize matters of political, social, and economic importance. This course helps students develop their skills as critical thinkers and competent speakers. This is a laboratory course giving practice in preparing for and participating in the Student Speaker's Bureau and/or Intercollegiate Forensics competition. Areas of interest may include debate, persuasive speaking, oral interpretation of literature, impromptu speaking, expository speaking, readers' theater, training presentations and campaign development. Field trips to tournaments or other speaking events may be required. The course may be taken four times for a maximum of eight units. (C-ID COMM 360B)

COMM 494 Topics in Communication Studies .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 72 hours LEC

A survey of contemporary communication topics that allows students to choose a particular option from several. Possible options may include, but are not limited to: extemporaneous speaking, intercultural communication in the workplace, communication in the classroom, conflict, principles of visual communication, readers' theatre, parliamentary procedure and decision making techniques. Students may receive one unit of credit in each topic area. Consult class schedule for specific topics offered.

COMM 495 Independent Studies in Communication Studies 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

COMM 499 Experimental Offering in Communication .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

Communications Media (CMED)**CMED 300 Mass Media and Society 3 Units**

Same As: JOUR 310 and COMM 351

Prerequisite: None.

General Education: AA/AS Area V(b); CSU Area D0;

CSU Area D7; IGETC Area 4J

Course Transferable to UC/CSU

Hours: 54 hours LEC

The class will offer a survey of the mass media: history, philosophy, structure and trends, as well as theories which help to explain effects and the importance as a social institution. The course will explore economics, technology, law, ethics, and social issues, including cultural and ethnic diversity. This course is the same as Jour 310 and COMM 351, and only one may be taken for credit. (C-ID JOUR 100)

CMED 305 The History of Film 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C1;

IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces students to the history, art and cultural impact of motion pictures. Students will view, analyze, and critique films that represent landmarks in the development of this medium. Beyond introducing the form and function of film, the course will focus on critical issues in film studies, including race, gender, class, and cultural identity. Selected films will illustrate specific cinematic movements and national film traditions.

CMED 495 Independent Studies in Communications Media 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

CMED 498 Work Experience in Communications Media 1-4 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity or job related to career goals.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

CMED 499 Experimental Offering in Communications Media .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Film and Media Studies (FMS)**FMS 300 Introduction to Film Studies 3 Units**

Prerequisite: None.

Course Transferable to UC/CSU

General Education: AA/AS Area I; CSU Area C1;

IGETC Area 3A

Hours: 54 hours lecture

This course offers an introduction to the film medium with emphasis on aesthetics, theory and methods of critical analysis. Students will examine film as an art form, as a medium for communicating ideas and as a social and cultural force.

FMS 495 Independent Studies in film and Media studies 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**FMS 499 Experimental Offering in film and
Media studies .5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Computer Information Science

DEGREES AS – Computer Science

CERTIFICATES OF ACHIEVEMENT

Computer Programmer - SQL
M.I.S. - Application Technician
M.I.S. - Information Processing
Programming
Relational Database
Administration

CERTIFICATES OF RECOGNITION

Database Analyst - SQL
M.I.S. - Application Data Entry

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

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

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

Computer Science and Programming

DEGREES

AS – Computer Science

CERTIFICATE OF ACHIEVEMENT Programming

What is Computer Science?

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

in the use of technology in other fields, and as managers in a variety of organizations.

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

Academic Programs

Help create the technological future of computing.

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

Career Options

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

Highlights

- A great foundation for entry to university
- A broad-based technical education
- State-of-the-art computer facilities
- Study in a field that has great employment opportunities and encompasses many careers

DEGREE

AS – Computer Science

The Computer Science Degree provides a comprehensive exposure to computer science in preparation for upper-division computer science courses. The program also prepares students for entry level employment in the computer and related industries. The Computer Science Associate in Science (AS) Degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

REQUIRED PROGRAM.....	Units
CISC 310 Introduction to Computer Information Science	3
CISP 300 Algorithm Design/Problem Solving ...	3
CISP 310 Assembly Language Prog. for Microcomputers (4) or	
ENGR 303 Intro to Logic Design (4).....	4
CISP 360 Introduction to Structured Programming.....	4
CISP 400 Object Oriented Programming with C++ (4) or	
CISP 401 Object Oriented Programming with Java (4)	4
CISP 430 Data Structures	4
CISP 440 Discrete Structures for Computer Science	3
A minimum of 10 units from the following:	
CHEM 400 General Chemistry (5)	
CISP 351 Introduction to Relational Database Design & SQL (3)	
CISP 365 Windows API Programming with C (4)	
CISP 370 Beginning Visual Basic (4)	
CISP 371 Intermediate Visual Basic (4)	
CISP 405 Object Oriented Programming using C# on Visual Studio .NET (4)	
CISP 453 Introduction to Systems Programming in Unix (4)	
CISW 300 Client-Side Web Scripting (4)	
ENGR 303 Introduction to Logic Design (4)	
ENGR 400 Introduction to Electrical Circuits and Devices (3)	
MATH 400 Calculus I (5)	
MATH 401 Calculus II (5)	
PHYS 411 Mechanics of Solids and Fluids (4)	
PHYS 421 Electricity and Magnetism (4)	
PHYS 431 Heat, Waves, Light and Modern Physics (4)	
TOTAL UNITS REQUIRED.....	35

Transfer students should select electives and general education courses to fulfill the requirements of the transfer institution. Transfer students are advised to consult with an FLC counselor to plan their programs. Transfer students should also see www.assist.org for required transfer course articulation.

Program Student Learning Outcomes

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

- Design, write, test and debug computer programs, using a low-level language, a structured language, and an object-oriented language.
- Evaluate various solutions to a proposed problem in terms of programming languages, software

architecture, and other appropriate computer technologies.

- Demonstrate a fundamental knowledge of the basic concepts that define the discipline of computer science, such as data structures, discrete mathematics, basic computer architecture, operating system internals, networking fundamentals, and programming languages.

CERTIFICATE OF ACHIEVEMENT

Programming

The Programming Certificate provides students with the basic proficiencies required of entry level software technicians and computer programmers, or for further study in computer science.

REQUIRED PROGRAM.....	Units
CISC 310 Introduction to Computer Information Science	3
CISP 300 Algorithm Design/Problem Solving ..	3
CISP 360 Introduction to Structured Programming (4) or	
CISP 370 Beginning Visual Basic (4).....	4
CISP 400 Object Oriented Programming with C++ (4) or	
CISP 401 Object Oriented Programming with JAVA (4) or	
CISP 405 Object Oriented Programming using C# on Visual Studio .NET (4) or	
CISP 371 Beginning Visual Basic (4).....	4
CISP 430 Data Structures.....	4
CISP 440 Discrete Structures for Computer Science	3
TOTAL UNITS REQUIRED.....	21

For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041607C01>

Program Student Learning Outcomes

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

- Design, write, test and debug computer programs, using a structured language, and an object-oriented language.
- Evaluate software systems for conformance to system requirements.
- Participate as a member of a software development team.

Database Technology and Information Technology

CERTIFICATE OF RECOGNITION

Database Analyst - SQL

CERTIFICATES OF ACHIEVEMENT

Computer Programmer - SQL

Relational Database Administration

What is Information Technology?

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

Academic Programs

This Folsom Lake College program includes study in Database Technology and Information Technology systems. It is designed for the student interested in entry-level information-technology oriented employment in government, business and industry. The Database Technology option offers certificates in a "ladder" approach, with introductory certificates providing progress towards more advanced certificates.

Career Options

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

Highlights

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

Database Ladder - Level 1

CERTIFICATE OF RECOGNITION

Database Analyst - SQL

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

REQUIRED PROGRAM.....Units

CISC 310	Intro to Computer Information Science	3
CISC 323	Linux Operating System.....	1

CISC 324	Intermed Linux Operating System	1
CISP 300	Algorithm Design/Problem Solving ...	3
CISP 351	Intro to Relational Database Design & SQL	3
CISP 352	Intermediate SQL.....	3
TOTAL UNITS REQUIRED.....		14

Program Student Learning Outcomes

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

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

Database Ladder - Level 2

CERTIFICATE OF ACHIEVEMENT

Computer Programmer - SQL

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

REQUIRED PROGRAM.....Units

CISC 310	Intro to Computer Information Science	3
CISC 323	Linux Operating System.....	1
CISC 324	Intermed Linux Operating System	1
CISP 300	Algorithm Design/Problem Solving ...	3
CISP 351	Intro to Relational Database Design & SQL	3
CISP 352	Intermediate SQL.....	3
CISP 353	Application Development in a Client Server Environment	3
Two to four (2-4) units selected from the following:24		
CISP 370	Beginning Visual BASIC (4) or	
CISA 320	Database Management (1) and	
CISA 321	Intermed Database Management (1)	
TOTAL UNITS REQUIRED.....		19-21

For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041497C01>

Program Student Learning Outcomes

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

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

Database Ladder - Level 3

CERTIFICATE OF ACHIEVEMENT

Relational Database Administration

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

REQUIRED PROGRAM.....	Units
CISA 320 Database Management	1
CISA 321 Intermediate Database Management...	1
CISC 310 Intro to Computer Information Science	3
CISC 323 Linux Operating System.....	1
CISC 324 Intermed Linux Operating System	1
CISC 325 Adv Linux Operating System.....	1
CISP 300 Algorithm Design/Problem Solving ...	3
CISP 351 Intro to Relational Database Design & SQL	3
CISP 352 Intermediate SQL.....	3

CISP 354 Intro to Relational Database Admin....	3
TOTAL UNITS REQUIRED.....	20

For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041498C01>

Program Student Learning Outcomes

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

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

Management Information Systems

CERTIFICATE OF RECOGNITION

M.I.S. - Application Data Entry

CERTIFICATES OF ACHIEVEMENT

M.I.S. - Application Technician

M.I.S. - Information Processing

What is Management Information Systems?

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

Academic Programs

This Folsom Lake College program includes study

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

Career Options

Computer Operator; Applications Software Specialist; Systems Analyst; Data Entry Specialist; Computer Systems Specialist

Highlights

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

MIS Ladder - Level 1

CERTIFICATE OF RECOGNITION

Management Information Systems - Application Data Entry

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

REQUIRED PROGRAM.....	Units
BUSTEC 102 Computer Keyboarding: 10 Key.....	1
BUSTEC 110 Business Procedures for Professional Success.....	3
BUSTEC 302 Computer Keyboarding.....	2
BUSTEC 303 Computer Keyboard Formatting.....	2
CISA 300 Beginning Word Processing (1) or CISA 308 Exploring Word Processing and Presentation Software (1)	1
CISC 300 Computer Familiarization (1) or CISC 308 Exploring Computer Environments and the Internet (1) or CISC 310 Intro. to Computer Information Science (3)	1-3
TOTAL UNITS REQUIRED.....	10-12

Program Student Learning Outcomes

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

- Demonstrate in-depth knowledge of common office computerized application software and operating systems.
- Describe and apply ergonomic principles required to maintain appropriate posture and hand positions,

and to avoid eyestrain while using computers for data entry.

- Use the keyboard to input data and use a mouse or other pointing device to issue computer commands or access software functions
- Type thirty six words a minute with a maximum of three errors.
- Operate a numeric keypad by touch at a rate of 10,000 or more keystrokes an hour with 98 percent accuracy.
- Create business documents such as letters and reports using appropriate business writing style, document appearance, grammar usage, and writing mechanics.
- Operate office equipment such as computers, telephones, fax machines, and reprographic equipment.

MIS Ladder - Level 2

CERTIFICATE OF ACHIEVEMENT

Management Information Systems - Information Processing

This certificate is designed for the person who needs familiarity with the most common operating system and computerized business application programs such as word processing, presentation graphics, spreadsheets, and databases.

REQUIRED PROGRAM.....	Units
BUS 310 Business Communications	3
BUSTEC 102 Computer Keyboarding: 10-Key	1
BUSTEC 110 Business Procedures for Professional Success	3
BUSTEC 302 Computer-Keyboarding	2
BUSTEC 303 Computer-Keyboard Formatting	2
CISA 300 Beginning Word Processing (1) or CISA 308 Exploring Word Processing and Presentation Software (1)	1
CISA 310 Introduction to Electronic Spreadsheets	1
CISA 320 Introduction to Database Management	1
CISC 300 Computer Familiarization (1) or CISC 310 Introduction to Computer Information Science (3)	1 - 3
CISC 308 Exploring Computer Environments and the Internet (1) or CISC 320 Operating Systems (1).....	1
TOTAL UNITS REQUIRED.....	16-18

For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041079C01>

Program Student Learning Outcomes

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

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

MIS Ladder - Level 3

CERTIFICATE OF ACHIEVEMENT

Management Information Systems - Application Technician

This certificate provides additional training in the use of the most common computerized business application programs. This course of study would be appropriate for a user who is the lead person in an office.

REQUIRED PROGRAM.....	Units
BUS 310 Business Communications	3
BUSTEC 102 Computer Keyboarding: 10-Key	1
BUSTEC 110 Business Procedures for Professional Success	3
BUSTEC 302 Computer-Keyboarding	2
BUSTEC 303 Computer-KeyBoard Formatting	2
CISA 300 Beginning Word Processing	1
CISA 301 Intermediate Word Processing	1
CISA 308 Exploring Word Processing and Presentation Software	1
CISA 310 Introduction to Electronic Spreadsheets	1
CISA 311 Intermediate Electronic Spreadsheets ..	1
CISA 320 Introduction to Database Management	1
CISA 321 Intermediate Database Management ..	1
CISC 300 Computer Familiarization (1) or	
CISC 310 Introduction to Computer Information Science (3)	1 - 3

CISC 308 Exploring Computer Environments and the Internet (1) or	
CISC 320 Operating Systems (1).....	1
TOTAL UNITS REQUIRED.....	20-22

*For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041078C01>*

Program Student Learning Outcomes

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

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

Computer Info Science - Apps (CISA)

CISA 299 Experimental Offering in Computer Information Science - Applications .5-4 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

CISA 300 Beginning Word Processing 1 Unit

Prerequisite: None.

Advisory: BUSTEC 307.1 and CISC 300

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course is designed to introduce students to the use of word processing programs. The course includes basic word processing operations: creating, editing, formatting, saving, retrieving, and printing text documents.

CISA 301 Intermediate Word Processing 1 Unit

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

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course is 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, document notations, forms, charts, and mail merge. Also covered are integrating word processing with other applications and creating documents for the use on the Internet, i.e. web pages and e-mail attachments.

CISA 308 Exploring Word Processing and Presentation Software 1 Unit

Prerequisite: None.

Advisory: BUSTEC 302 and CISC 300

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course introduces the student to word processing and presentation software. The basic features and skills of creating, editing, formatting, inserting tables and graphics, and enhancing word-processed documents and graphic presentations are covered.

CISA 310 Introduction to Electronic Spreadsheets 1 Unit

Prerequisite: None.

Advisory: CISC 300 and MATH 20

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course is designed to introduce the student to the use of spreadsheet programs. The course will include designing a spreadsheet, developing formulas for accurate automatic calculations, using spreadsheet functions, producing charts, developing "what-if" models based upon relative and absolute cell referencing. Students will be using mathematical concepts and skills.

CISA 311 Intermediate Electronic Spreadsheets 1 Unit

Prerequisite: CISA 310 with a grade of "C" or better

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course will extend the capabilities of students who have started to use electronic spreadsheet software. Topics and laboratory assignments will include using multiple worksheets and workbooks, web tools, scenario management, goal seek, solver, imported data, and the lookup function.

CISA 320 Introduction to Database Management 1 Unit

Prerequisite: None.

Advisory: CISC 300 or 310

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course introduces database management systems. Using Windows application programs, students will design and implement practical database applications. Topics include such items as database and report design, data views and queries, and data maintenance.

CISA 321 Intermediate Database Management 1 Unit

Prerequisite: CISA 320 with a grade of "C" or better

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course will extend the capabilities of students who have completed a first course in database management. Students will design and implement practical database applications, including relational database design to develop programming applications.

CISA 499 Experimental Offering in Computer Information Science - Applications .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Computer Info Science - Core (CISC)

CISC 300 Computer Familiarization 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This is an introductory course to provide general knowledge on topics such as how computers work, computer terminology, and the impact of computers on society and the work environment. Beginning level hands-on instruction using an operating system, word processing software, spreadsheet software, and the Internet will be emphasized. Students will be reading and interpreting written and oral instructions of a technical nature. Students with limited computer knowledge should take this course in-class, not on-line.

CISC 305 Introduction to the Internet 1 Unit

Prerequisite: CISC 300 or 310 with a grade of "C" or better

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course explains how the Internet works, how to connect, and how to use Internet services. Laws that guide the use of the Internet will be covered. Other topics include Internet protocols, e-mail, news groups, discussion lists, connecting to a remote server, File Transfer Protocol (FTP), World Wide Web, and emerging technologies.

CISC 306 Introduction to Web Page Creation 1 Unit

Prerequisite: CISC 300, 305, 308, or 310 with a grade of "C" or better

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course covers the production of web pages, including formatting, layout, construction, and presentation. A current markup language such as XHTML, is used to format web pages. Students may also use a web-authoring tool to create Web pages.

CISC 308 Exploring Computer Environments and the Internet 1 Unit

Prerequisite: None.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

The course focuses on the most common hardware components used in personal computers, file management, and the Internet. Topics include the basic components of a computer system, file management principles, and Internet fundamentals. This course meets requirements for several FLC Business certificates and degrees that were amended in 2010.

CISC 310 Introduction to Computer Information Science 3 Units

Prerequisite: None.

General Education: AA/AS Area II(b); AA/AS Area III(b)

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to the computer field covering the function and concepts of hardware, computer programming, application and operating software, data communications, the Internet, databases, employment opportunities, and the social impact of the computer. Students will be reading and interpreting written and oral instruction of a technical nature.

CISC 320 Operating Systems 1 Unit

Prerequisite: None.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course introduces the students to the microcomputer operating system. The student will become familiar with the basic features of Windows: graphical interface, menu structure, tools, help, settings, running applications, file and folder management, and disk management commands.

CISC 323 Linux Operating System 1 Unit

Prerequisite: None.

Advisory: CISC 300 or 310

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

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

**CISC 324 Intermediate Linux Operating System
1 Unit**

Prerequisite: CISC 323 with a grade of "C" or better
Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

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

CISC 325 Adv. Linux Operating System 1 Unit

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

Advisory: CISC 324

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

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

**CISC 350 Introduction to Data Communications
1 Unit**

Prerequisite: None

Advisory: CISC 321 (Windows).

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course is an introductory, hands-on course in networking and network hardware and software. It will include Internet, E-mail, modems, communications protocol, local area networks, wide area networks, network architecture, and protocols. CISC 351 and this course are preparation for the Network+ Certification Exam.

**CISC 351 Introduction to Local Area Networks
1 Unit**

Prerequisite: CISC 350. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 18 hours LEC ; 18 hours LAB

This course is an intermediate, hands-on course in networking and network hardware and software. It includes troubleshooting network operating systems, analyzing network performance, and network security techniques. It will also include modulation, error detection, and multiplexing and fiber optics communication. CISC 350 and this course are preparation for the Network+ Certification Exam.

**CISC 495 Independent Studies in Computer
Information Science - Core 1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**CISC 498 Work Experience in Computer
Information Science - Core 1-4 Units**

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity or job related to career goals.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

**CISC 499 Experimental Offering in Computer
Information Science - Core .5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Computer Info Science - Network (CISN)

**CISN 299 Experimental Offering in Computer
Information Science - Networking .5-4 Units**

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

Computer Info Science - Programming (CISP)

CISP 300 Algorithm Design/Problem Solving 3 Units

Prerequisite: None.

Corequisite: CISC 310

Advisory: CISC 305

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces the Computer Science major to methods for solving classical computer problems through algorithm design. Topics covered include introduction to structured design, control structures, arrays, object oriented programming, and file processing. Students will learn how to assess and analyze computer problems in a top-down, divide-and-conquer approach that leads to a programming solution. It also includes creating programming plans and detailed design documents from which source code versions of programs will be created.

CISP 310 Assembly Language Programming for Microcomputers 4 Units

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

Course Transferable to UC/CSU

Hours: 72 hours LEC

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

CISP 351 Introduction to Relational Database Design and SQL 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to introduce relational database technology, normalization, entity relationships, logical model design, and ISO-ANSI standard Structured Query Language (SQL). Topics covered include: database design, basic properties of a relational database such as relations, tables, primary keys, foreign keys and principles of normalization, simple SQL select statements, sorting and grouping data, joining tables, subqueries and views. The database design section focuses on logical model design and entity-relationship (E-R) modeling. Students will leave the course with a good working knowledge of database technology.

CISP 352 Intermediate SQL 3 Units

Prerequisite: None.

Advisory: CISP 351

Course Transferable to CSU

Hours: 54 hours LEC

This course builds upon the Introduction to Relational Databases and Structured Query Language (SQL) course with more in-depth SQL constructs common to most commercial database products and extensions to the SQL language. Topics include: complex joins including inner and outer joins, correlated subqueries, complex table definition, table and column constraints, union, intersection, minus, triggers, procedures and functions.

CISP 353 Application Development in a Client Server Environment 3 Units

Prerequisite: None.

Advisory: CISP 352

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed for the intermediate level Structured Query Language (SQL) programmer to design, create and deploy Graphical User Interface (GUI) applications that access relational database management systems. Topics include Graphical User Interface (GUI) design fundamentals, data control and access methods (remote and local), creating datasets, implementing joins, transaction processing, multi-user data access, record locking, and deploying and installing applications on client workstations.

CISP 354 Introduction to Relational Database Administration 3 Units

Prerequisite: None.

Advisory: CISP 352

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to introduce students to administering a relational database management system (RDBMS). Topics include managing users, privileges, resources, and tablespaces creating an operational database, managing database files, how to start up and shut down an instance or database, the data dictionary, transaction processing, and backup and recovery issues. Completion will provide students with sufficient knowledge for an entry level database administrator (DBA) position in industry.

CISP 360 Introduction to Structured Programming 4 Units

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

General Education: AA/AS Area II(b)

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 362 Programming for Mobile Devices I 4 Units

Prerequisite: CISP 360, 400, or 401 with a grade of "C" or better

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

This course is an introduction to programming for mobile devices such as cell phones and tablets. Topics include development tools, user interface design, documentation, testing, debugging, and publishing.

CISP 363 Programming for Mobile Devices II 4 Units

Prerequisite: CISP 362 with a grade of "C" or better

Corequisite: CISP 360

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

This course introduces intermediate level topics related to programming for mobile devices such as cell phones and tablets. Topics include the syntax of Java, object-oriented programming, and mobile-specific techniques and considerations. Students have an option of purchasing the software or using the software on campus.

CISP 365 Windows API Programming with C 4 Units

Prerequisite: CISP 360 or 405 with a grade of "C" or better

Course Transferable to CSU

Hours: 72 hours LEC

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

CISP 370 Beginning Visual Basic 4 Units

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

Course Transferable to UC/CSU

Hours: 72 hours LEC

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

CISP 371 Intermediate Visual Basic 4 Units

Prerequisite: CISP 370 with a grade of "C" or better

Course Transferable to UC/CSU

Hours: 72 hours LEC

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

CISP 400 Object Oriented Programming with C++ 4 Units

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

General Education: AA/AS Area II(b)

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course is an introduction to object-oriented programming using the C++ programming language. This course is designed to enhance students' abilities to implement object-oriented programs and to further develop programming proficiency. Detailed topics include classes, storage class and scope, encapsulation, polymorphism, inheritance, function overloading and overriding, virtual functions, operator overloading, templates, exception handling, stream I/O, file processing, and the Standard Template Library. Also covered are introductions to Graphical User Interface (GUI) development using class libraries, and object oriented design methodology.

CISP 401 Object Oriented Programming with Java 4 Units

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

Course Transferable to UC/CSU

Hours: 72 hours LEC

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

CISP 405 Object Oriented Programming using C# on Visual Studio .NET 4 Units

Prerequisite: CISP 360 or 370 with a grade of "C" or better

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course is an introduction to the C# programming language using Visual Studio.NET. Topics include the Visual Studio.NET Integrated Development Environment (IDE), object oriented programming concepts, and various .NET technologies. Students will develop programs for the Windows desktop and Web browsers (ASP.NET), as well explore other .NET technologies such as Web Services, Windows Services, and .NET Remoting.

CISP 430 Data Structures 4 Units

Prerequisite: CISP 360

Advisory: CISP 400

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

CISP 440 Discrete Structures for Computer Science 3 Units

Prerequisite: MATH 370 with a grade of "C" or better

Corequisite: CISP 430

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to the essential discrete structures used in Computer Science, with emphasis on their applications. Topics to be covered include: elementary formal logic and set theory, elementary combinatorics, recursive programming and algorithm analysis, digital logic and switching, combinational circuits, and computer arithmetic.

CISP 453 Introduction to Systems Programming in UNIX 4 Units

Prerequisite: CISP 310 and 430 with grades of "C" or better

Course Transferable to UC/CSU

Hours: 72 hours DIS

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

CISP 499 Experimental Offering in Computer Information Science - Programming .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Computer Info Science - Web (CISW)

CISW 300 Web Publishing 3 Units

Prerequisite: None.

Advisory: CISC 300 and 305

Course Transferable to CSU

Hours: 54 hours LEC

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

CISW 321 Web Site Development using Dreamweaver 3 Units

Prerequisite: None.

Advisory: CISW 300

Course Transferable to CSU

Hours: 54 hours LEC

Students will use Dreamweaver, a visual web-authoring tool, to develop and implement web sites. The topics covered include: creating web pages that contain text, images, links, tables, frames, forms, Cascading Style Sheets and image maps, enhancing web pages with Flash text, Flash buttons and the built-in scripting language, developing effective web site structures, using web site management tools, web site documentation, making global updates to a web site, and extending Dreamweaver. Students will work individually and as a member of a team to plan, implement, test, and evaluate web sites.

CISW 326 Intermediate Web Site Development using Dreamweaver 3 Units

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

Course Transferable to CSU

Hours: 54 hours LEC

This course will reinforce and deepen many Dreamweaver topics covered in the beginning course CISW321 using a more in-depth approach to those topics. The course will introduce the other Adobe components such as Flash, Flash Script, and content management using Contribute software. Other topics covered include the following: advanced page formatting using style sheets, web site behaviors, workflow enhancement, templates, libraries, dynamic data, search functions, shopping cart functions, site security, user authentication, and other web services.

CISW 400 Client-side Web Scripting 4 Units

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

Advisory: CISC 310 and CISP 300

Course Transferable to CSU

Hours: 72 hours LEC

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

CISW 499 Experimental Offering in Computer Information Science-Web .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Dance

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AA – Dance Studies

The Dance Studies program at Folsom Lake College offers students the opportunity to develop a breadth of multi-disciplinary dance abilities and knowledge. This program provides students with an exploration of world dance history, pedagogy, injury prevention and technical skills in classical and contemporary styles including but not limited to Ballet, Jazz, Modern, Contemporary, Hip-Hop and Ethnic/Folk forms. Career options such as performing, choreography, dance studio business ownership, dance movement therapy and non-profit arts management will enhance students' appreciation of dance as a global industry, as well as a cross-culturally meaningful expressive form. Comprehensive, academically rigorous classes will sharpen their leadership and critical thinking skills, preparing students for success in dance either at university or in the workplace.

Career Options

Performing, teaching, teacher training, choreography, dance studio business ownership, pedagogy, dance movement therapy and non-profit arts management.

Highlights

- Folsom Lake College's Main campus features a lofty spacious Dance Studio with sprung hardwood flooring, natural light, floor to ceiling mirrors, state of the art sound and educational systems, and a costume storage facility. Each semester, the instructional classes have the opportunity to perform in the semester end showcase Evening of Dance at the Harris Center for the Performing Arts, featuring FLC's resident dance company MOSAIC.

DEGREE
AA – Dance Studies

REQUIRED PROGRAM.....	Units
DANCE 309 Introduction to Dance	2
DANCE 310 Jazz Dance I	1
DANCE 320 Ballet I.....	1
DANCE 330 Modern Dance I	1
DANCE 377 Musical Theatre Dance I.....	2
DANCE 380 World Dance History	3
DANCE 410 Dance Composition and Production I.2	
KINES 417 Fitness Injury Prevention and Management.....	2
A minimum of 4 units from the following:	4
DANCE 351 Urban Hip Hop I (1)	
DANCE 381 Pedagogy: Theory and Practice (2)	
DANCE 440 Performing and Touring Group: MOSAIC Dance Company I (3)	
DANCE 495 Independent Studies in Dance (1 - 3)	
DANCE 498 Work Experience in Dance (1 - 4)	
DANCE 499 Experimental Offering in Dance (0.5 - 4)	
FITNS 392 Yoga (1)	
FITNS 395 Stretch (1)	
FITNS 414 Tai Chi (1)	
FITNS 324 Mat Pilates (1)	
KINES 300 Introduction to Kinesiology (3)	
MUFHL 300 Introduction to Music (3)	
MUFHL 330 World Music (3)	
TA 350 Theory and Techniques of Acting I (3)	
TAP 340 Musical Rehearsal and Performance I (1 - 3)	
COMM 321 Interpersonal Communication (3)	
TOTAL UNITS REQUIRED	18

Program Student Learning Outcomes

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

- examine the relationship between the socio-cultural, religious, political, and scientific trends throughout world history in relation to the development of dance cross-culturally.
- evaluate the technical and/or artistic achievements of particular dance pioneers in several genres, as well as the contributions of marginalized populations to the advancement of dance as an artistic expressive form.
- demonstrate safe and correct technical execution of dance technique, as well as knowledge of proper nutrition and injury prevention techniques for optimal wellness.

- support the development of community and cultural awareness by attending and/or participating in cultural events and evaluating their relevance.
- formulate a plan for implementing practical applications for the dance degree to the real world, either professionally or for transfer to university.

Dance (DANCE)

DANCE 309 Introduction to Dance 2 Units

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

This course will introduce basic steps, styles and rhythms associated with several dance disciplines including ballet, jazz, modern, hip-hop and lyrical forms of dance. Lecture will encompass the historical and cultural placement of each dance style from inception to current media trends. Class will include warm up exercises, movement combinations and dance choreography appropriate to each dance style. Students will be responsible for obtaining appropriate dance attire. Upon completion of this course, students will have experience performing a variety of dance styles and techniques, and be able to critically discuss the socio-cultural and historical context of each style.

DANCE 310 Jazz Dance I 1 Unit

Course Family: Jazz Dance Technique

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course provides an introduction to jazz dance technique. Students will become proficient at warm up, center and across the floor exercises focused on control, balance and flexibility. Across the floor combinations will emphasize alignment, style, and technical progression, leading to memorized choreography. The origins of jazz dance will be surveyed, as well as some basic theoretical perspectives used to analyze the social, cultural and political issues involving jazz as an artistic expressive form. Students will need to purchase appropriate dance attire and shoes.

DANCE 312 Jazz Dance II 1 Unit

Course Family: Jazz Dance Technique

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course provides an exploration of level II jazz dance techniques and style, building on skills learned in the previous level. Students will examine the influences of theatrical dance within the jazz dance genre. Mid-20th century social and cultural issues involving jazz as an artistic expressive form will be surveyed, as well as some theoretical perspectives to analyze jazz dance as culturally relevant. This course is for students with previous dance training, and students must have appropriate dance shoes and attire.

DANCE 313 Jazz Dance III 1 Unit

Course Family: Jazz Dance Technique

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This intermediate dance class augments the fundamental jazz skills learned in previous levels with a further focus on proper technique and alignment, while performing more complex combinations and exploring different rhythms and styles, utilizing such skills as ballet, African and theatrical movement vocabularies. Social issues in the late 20th century, including globalization and popularization of jazz as an artistic expressive form will be surveyed, as well as analysis of jazz dance in contemporary media. This course is for students with previous dance training, and students must provide appropriate dance shoes and attire.

DANCE 314 Jazz Dance IV 1 Unit

Course Family: Jazz Dance Technique

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

Jazz Dance IV offers students an opportunity to work in more complex movement studies building on skills acquired in previous levels of jazz dance. Quicker, more intricate combinations in center floor will be sequenced into challenging across the floor combinations. Progressive technique for multiple jazz turns and leap patterns with an emphasis on changes of directions, dynamics, and levels will culminate in final choreography. Students will assess the socio-cultural media influences shaping jazz dance today, looking at postmodern theory to analyze jazz dance as culturally relevant. This course is for students with previous dance training, and students must acquire appropriate dance shoes and attire.

DANCE 320 Ballet I 1 Unit

Course Family: Ballet Technique

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course provides an introduction to foundational ballet technique, examining the historical development of ballet and its transmission throughout Europe prior to the 1800's. In this course students will learn to perform beginning level ballet positions, barre warm up exercises, turns and techniques safely and precisely. Center and across the floor exercises will focus on increased control, strength and balance. Students will develop a ballet movement vocabulary and will be able to apply ballet terminology appropriately. Students will be able to evaluate ballet as a movement theory and an art form, using basic theoretical models to analyze dance as culturally meaningful. Students will be responsible for purchasing appropriate dance attire and ballet shoes.

DANCE 321 Ballet II 1 Unit

Course Family: Ballet Technique

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

Ballet II provides students a review of basic ballet vocabulary and technique, offering an opportunity to perfect basic steps while introducing new combinations at the barre, center floor and across the floor. In this course students will learn to perform level II ballet steps safely and precisely, developing a more complex ballet movement vocabulary and be able to apply ballet terminology appropriately. Students will be able to evaluate ballet using basic theoretical models to analyze ballet as a transnational craft, analyzing the historical origins of ballet to support a deeper understanding of ballet technique and its development in Europe prior to the 20th century. Students are responsible for purchasing appropriate dance attire and ballet shoes.

DANCE 322 Ballet III 1 Unit

Course Family: Ballet Technique

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course in Ballet III provides a progression from level II barre, center, and across the floor exercises with an emphasis on the anatomy that governs ballet mechanics. Additional movement vocabulary and a refinement in epaulement, adagio and allegro sequences will be expected. The contributions of early 20th century choreographers and dancers will be highlighted along with level III variations. Students may present their class choreography in a final showcase performance. This course is for students who have successfully completed Ballet II or equivalent, and students must provide appropriate ballet shoes and ballet dress code attire.

DANCE 323 Ballet IV 1 Unit

Course Family: Ballet Technique

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course is intended for students with ballet experience, and provides a progression from level III barre, center, and across the floor exercises with an opportunity for pre-pointe work, floor barre, conditioning, and variations. Technique and sequences at this level will require a refinement of intermediate steps and variations, as well as breathing techniques for muscular strength and endurance exercises. The contributions of contemporary ballet choreographers, dancers and companies will be highlighted in lecture. Students may showcase their work in a final semester-end performance. This course is for students who have successfully completed Ballet III or the equivalent, and students must supply appropriate ballet shoes and ballet dress code attire.

DANCE 330 Modern Dance I 1 Unit

Course Family: Modern Dance Technique

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course provides an introduction to elementary modern dance techniques, concepts and choreography, examining the role of modern dance pioneers, social rebellion, women's issues and dance history. The social, cultural and political issues involving modern dance will be surveyed, as well as some basic theoretical perspectives used to analyze the origins of Modern dance. Students will develop increased technical facility in the performance of modern dance movements while improving kinesthetic awareness, strength and flexibility. A review of modern dance history and an exploration of choreographic principles will enhance understanding of the creative and expressive foundations of this art form. Students will be responsible for purchasing appropriate dance attire.

DANCE 332 Modern Dance II 1 Unit

Course Family: Modern Dance Technique

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

Modern Dance II provides an augmentation to elementary modern dance techniques, concepts and choreography. A review of modern dance history and an exploration of choreographic principles will enhance understanding of the creative and expressive foundations of this art form, while students will examine the role of second generation modern dance pioneers. The social, cultural and political issues involving modern dance as an artistic expressive form will be surveyed, as well as some basic theoretical perspectives used to analyze the development of modern dance during the early 20th century. Students will develop increased technical facility in the performance of level II modern dance movements while improving kinesthetic awareness, creativity and rhythm. This course is intended for students who have successfully completed Modern Dance I or have previous dance training.

DANCE 333 Modern Dance III 1 Unit

Course Family: Modern Dance Technique

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

Modern Dance III provides an exploration of modern dance techniques and movement concepts pioneered in the late 20th century, examining the role of postmodern theory in the development of movement ideas and choreography. Students will develop increased technical facility in the performance of modern dance level III movements while improving kinesthetic awareness and choreographic memorization. A review of modern dance history and an exploration of choreographic principles will enhance understanding of the creative and expressive foundations of this art form. This course is intended for students who have successfully completed Modern Dance II or have previous dance training.

DANCE 334 Modern Dance IV 1 Unit

Course Family: Modern Dance Technique

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

Modern Dance IV continues to develop fundamental modern dance skills learned in the previous levels, focusing on proper alignment and technique while performing complex combinations and developing a personal style. There will be opportunities for creative exploration and self-expression through the use of choreographic assignments in improvisation and movement messaging utilizing problem-solving techniques. Students will review the history of the development of modern dance, and assess the relevance of postmodern dance. Students will cultivate unique projects for a comprehensive understanding the contemporaneous relevance of this dance form. This course is intended for students who have successfully completed Modern Dance III or have previous dance training.

DANCE 351 Urban Hip Hop I 1 Unit

Course Family: Hip Hop Technique and Competition

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course will introduce students to rudimentary elements of urban Hip Hop dance style and culture. Conditioning exercises and drills will be incorporated to develop the physical skills and capabilities necessary to execute basic Hip Hop movement. The movements will be instructor choreographed, but will allow the opportunity for students to express their individuality and creativity by developing signature techniques, as well as group formations. Students will compete in small groups as part of the experience. The historical foundations of hip hop dance will also be examined with emphasis placed on the positive message that Hip Hop brings to today's society. No previous dance experience is necessary. Low traction, comfortable athletic shoes and loose fitting clothing will be required, and some students may wish to wear knee pads.

DANCE 352 Urban Hip Hop II 1 Unit

Course Family: Hip Hop Technique and Competition

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course allows for further study of hip hop dance and continues the development of technique and style on a more comprehensive level. Urban Hip Hop II presents rigorous exercises for improved strength and kinesthetic awareness, using a new vocabulary of intricate steps. The focus is on locomotor movements across the floor to improve smooth execution and center combinations to develop steps done in hard-hitting percussive styles with a progression in technical difficulty. Students will have more opportunity to explore freestyle movement and participate in session work. The theoretical emphasis of this class will cover the progression of hip hop culture from inception to the current trends of today. Low traction, comfortable athletic shoes and loose fitting clothing will be required, and some students may wish to wear knee pads.

DANCE 353 Urban Hip Hop III 1 Unit

Course Family: Hip Hop Technique and Competition

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course emphasizes style, technical precision, strength, agility, and the cultivation of urban dance somatics. Dance combinations will introduce new styles and increase the degree of difficulty with center floor work. Urban Hip Hop III dance combinations will be taught covering various styles within hip hop dance genre, and students will work in groups to create a final presentation that expands the teacher choreographed dance into a full length performance piece, utilizing choreographic elements and student choreography. The theoretical emphasis of this course will cover the development of the various styles of hip hop dance including, but not limited to: b-boying/b-girling, breaking, krumping, popping, locking, and tutting. Low traction, comfortable athletic shoes and loose fitting clothing will be required, and some students may wish to wear knee pads.

DANCE 354 Urban Hip Hop IV 1 Unit

Course Family: Hip Hop Technique and Competition

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course builds on the foundation provided in Dance 353. It will focus on improvisation, freestyle, cyphering, and battling. Musicality and storytelling are explored along with floor work, rapid tempos, and building upper body strength. This course is for students with previous urban Hip Hop dance training. This is an intermediate level course that builds on the skills learned in Urban Hip Hop levels I-III. Students will be introduced to freestyle movement and the elements of cyphering, battling and competition. Musicality, emotion, and storytelling are explored as students develop their own artistry within freestyle movement. The emphasis of this class will be on utilizing intermediate level skills with freestyle movement. Low traction, comfortable athletic shoes and loose fitting clothing will be required, and some students may wish to wear knee pads. A field trip may be required.

DANCE 378 Musical Theater Dance II 2 Units

Course Family: Musical Theatre Dance

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is designed to give students a full intellectual understanding of and physical experience with Musical Theatre Dance. Students of Musical Theatre Dance II will explore fundamental theoretical concepts associated with the social, historical and political forces that shaped, and continue to shape, the American musical between the 1930's and 1960's. Dance steps, patterns and sequences will aid in the physical understanding and historical chronicling of the lineage of theatrical dance technique. Lectures and movement activities will highlight the political and social contextualization of several key musicals and resulting choreographic innovations. Students will trace how musicals are affected by social messaging and political activism, and explore how musicals may in turn effect social change. Students will engage in musical theatre dance movement studies, learn audition strategies and incorporate dance stylization and technique into choreographic exercises culminating in a formal presentation of group choreography. Previous experience with musical theatre dance is necessary, and students must acquire appropriate dance shoes and attire.

DANCE 379 Musical Theatre Dance III 2 Units

Course Family: Musical Theatre Dance

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

Tracing the development of the American musical from early Vaudeville, structuralist model integrated musicals to the advent of the postmodern genre, Musical Theatre Dance III is focused on late 20th and early 21st century trends in musical theatre. Dance steps, formations and across the floor sequences will aid in the physical understanding and historical chronicling of the lineage of theatrical dance technique. Lectures and movement activities will highlight the political and social contextualization of several key musicals and resulting choreographic innovations such as the rejection of the linear plot and creative use of physical space. The roles played by minority populations, people of color, same-sex orientation and various gender identities, people with disabilities, and women will be examined. Students will refine audition strategies and incorporate dance stylization and technique into choreographic exercises culminating in a formal presentation of group choreography. Previous experience with musical theatre dance is necessary, and students must acquire appropriate dance shoes and attire.

DANCE 380 World Dance History 3 Units

Prerequisite: None.

General Education: AA/AS Area I; AA/AS Area VI; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

World Dance History will survey the development of dance traditions around the world from antiquity to the present day, applying basic theoretical models to analyze dance as culturally meaningful. The course will explore how/why dance is created, borrowed/exploited, hybridized and revered in human culture. The impact of social, political, economic, cultural and religious forces shaping dance throughout history will be examined. Cross-cultural transmissions of movement stylization will inform the students' understanding of dance chronology and theory.

**DANCE 381 Pedagogy: Theory and Practice
2 Units**

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is designed to integrate the student's physical knowledge of dance technique with the pedagogical theory and practice of dance teaching with particular emphasis on social and cultural aspects of pedagogical theory in multiple settings. Effective methodologies for the teaching of safe and correct dance technique will be explored, specifically on how to guide beginning level dancers to intermediate and more advanced levels in a logical, progressive, and responsible manner. Students will gain an understanding of how particular problems and solutions within dance curriculum are organized and presented effectively for optimal success as a dance educator. This course emphasizes pedagogical structure and theory, adapted to the diverse interests and abilities of learners, and incorporates off-site classroom observation, lesson planning, classroom teaching and classroom management techniques. The principles, techniques, and materials used in the teaching of dance will culminate in a Teaching Practicum.

**DANCE 410 Dance Composition and Production
I 2 Units**

Course Family: Dance Composition and Production

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Enrollment Limitation: Students must audition for admission into Dance Composition and Production the first week of class.

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is designed to give students the opportunity to choreograph and perform dance at the college level. Students will improve technique and experience several dance styles by exploring fundamental concepts of dance composition and movement through improvisation, as well as understand the role of the choreographer in dance production. Choreographic projects will culminate into a semester-end showcase. Students with some dance experience in any genre of dance are encouraged to audition for admission into this class, and students will be responsible for acquiring appropriate dance shoes and attire.

**DANCE 411 Dance Composition and Production
II 2 Units**

Course Family: Dance Composition and Production

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2
Enrollment Limitation: Students must audition for admission into Dance Composition and Production the first week of class.

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

Students of Dance Composition and Production II will incorporate choreographic dance concepts and techniques using locomotor skills, axial movement, dynamics, direction, time, improvisation, and rhythm to create an individual approach to choreography. Using the seven qualities of movement, phrases, functions of staging and focal directives, students will utilize these concepts in a performance application. Students with intermediate or advanced level experience in any genre of dance are encouraged to audition for admission into this class and will be responsible for acquiring appropriate dance shoes and attire.

**DANCE 412 Dance Composition and Production
III 2 Units**

Course Family: Dance Composition and Production

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2
Enrollment Limitation: Students must audition for admission into Dance Composition and Production the first week of class.

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

Dance Composition and Production III dancers will synthesize choreographic principles of dance through improvisation and manipulation movement studies, using critical and creative thinking skills. Students will improve technique by exploring stylization, progressive concepts of dance composition, as well as understand the role of the stage manager in dance production. Professional standards for performing on tour will augment possible teaching and performing outreach projects. Students with intermediate or advanced level experience in any genre of dance are encouraged to audition for admission into this class and will be responsible for acquiring appropriate dance shoes and attire.

DANCE 413 Dance Composition and Production IV 2 Units

Course Family: Dance Composition and Production

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Enrollment Limitation: Students must audition for admission into Dance Composition and Production the first week of class.

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

This course provides dancers at the pre-professional level an opportunity to audition, choreograph and perform. With emphasis on the art of creating effective dance compositions, students will integrate more complex resources and tools using theme, design, dynamics, rhythm, and motivation with the application of symmetry, asymmetry, phrasing of dance, and stage space. Choreography will result in a formal performance. Students with intermediate or advanced level experience in any genre of dance are encouraged to audition for admission into this class and will be responsible for acquiring appropriate dance shoes and attire.

DANCE 440 Performing and Touring Group: MOSAIC Dance Company I 3 Units

Course Family: Touring Group Performance and Production

Prerequisite: None.

Enrollment Limitation: Enrollment in this course and participation in MOSAIC Dance Company is granted only through a successful completion of the formal dance audition process at Folsom Lake College. Intermediate and advanced students of dance are encouraged to audition.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

MOSAIC Dance Company I is a course designed to provide audition experiences and performance opportunities for intermediate and advanced dancers at the pre-professional level. MOSAIC dancers will represent the Folsom Lake College Dance Program in the community through public performance. This course emphasizes audition skills, choreography techniques, and professional standards for production coordination. Students may be exposed to several genres of dance including but not limited to: Ballet, Jazz, Tap, Hip-Hop, Lyrical, Contemporary and other cultural styles. Students must supply dance attire, costumes and appropriate dance shoes for rehearsals and performance. Students are admitted into MOSAIC Dance Company by audition only.

DANCE 441 Performing and Touring Group: MOSAIC Dance Company II 3 Units

Course Family: Touring Group Performance and Production

Prerequisite: None.

Enrollment Limitation: Enrollment in this course and participation in MOSAIC Dance Company is granted only through a successful completion of the formal dance audition process at Folsom Lake College. Intermediate and advanced students of dance are encouraged to audition.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

MOSAIC Dance Company II is a course designed to provide performance opportunities for intermediate and advanced dancers at the pre-professional level. MOSAIC dancers will represent the Folsom Lake College Dance Program in the community through teaching and performing outreach projects, which may involve travel. Students will collaborate and implement a dance education outreach project, as well as understand professional standards for lesson planning and outreach programming. Dancers may be exposed to several genres of dance including but not limited to: Ballet, Jazz, Tap, Hip-Hop, Lyrical, Contemporary and other cultural styles. Students must supply dance attire, costumes and appropriate dance shoes for rehearsals and performance. Students are admitted into MOSAIC Dance Company by audition only.

**DANCE 442 Performing and Touring Group:
MOSAIC Dance Company III 3 Units**

Course Family: Touring Group Performance and Production

Prerequisite: None.

Enrollment Limitation: Enrollment in this course and participation in MOSAIC Dance Company is granted only through a successful completion of the formal dance audition process at Folsom Lake College. Intermediate and advanced students of dance are encouraged to audition.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

MOSAIC Dance Company III is a course designed to provide a touring performance opportunity for intermediate and advanced dancers at the pre-professional level. MOSAIC dancers will represent the Folsom Lake College Dance Program in the community through a performance tour, which will involve some travel. Students will review audition skills, choreography techniques, and production coordination requirements for performing on tour. Dancers may be exposed to several genres of dance including but not limited to: Ballet, Jazz, Tap, Hip-Hop, Lyrical, Contemporary and other cultural styles. Students must supply dance attire, costumes and appropriate dance shoes for rehearsals and performance. Students are admitted into MOSAIC Dance Company by audition only.

**DANCE 443 Performing and Touring Group:
MOSAIC Dance Company IV 3 Units**

Course Family: Touring Group Performance and Production

Prerequisite: None.

Enrollment Limitation: Enrollment in this course and participation in MOSAIC Dance Company is granted only through a successful completion of the formal dance audition process at Folsom Lake College. Intermediate and advanced students of dance are encouraged to audition.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

MOSAIC Dance Company IV is a course designed to provide performance opportunities for intermediate and advanced dancers at the pre-professional level. MOSAIC dancers will represent the Folsom Lake College Dance Program in the community through group performance in a formal concert setting. Students will review and refine audition skills, choreography techniques, professional standards for performing on tour, as well as implementation of education outreach projects, which may involve travel. Dancers may be exposed to several genres of dance including but not limited to: Ballet, Jazz, Tap, Hip-Hop, Lyrical, Contemporary and other cultural styles. Students must supply dance attire, costumes and appropriate dance shoes for rehearsals and performance. Students are admitted into MOSAIC Dance Company by audition only.

**DANCE 495 Independent Studies in Dance
1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

DANCE 498 Work Experience in Dance**1-4 Units**

Prerequisite: None.

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity or job related to the dance field. Students are advised to consult with the FLC Dance Program faculty to review specific degree work experience requirements.

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within the field of dance. Course content will include understanding the application of education to the workforce; completion of required forms which document the student's progress and hours spent at the work site; and developing workplace skills and competencies related to dance instruction, dance studio office administrative work or other related activities. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, for a maximum of 16 units when there is new or expanded learning on the job or additional job responsibilities.

DANCE 499 Experimental Offering in Dance**.5-4 Units**

Prerequisite: None.

General Education: CSU Area E2

Course Transferable to CSU

Hours: 72 hours LEC ; 54 hours LAB

Early Childhood Education

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREES

AA – Early Childhood Education
AA – Early Childhood Education, Site Supervisor
AS-T – Early Childhood Education

CERTIFICATES OF ACHIEVEMENT

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

CERTIFICATES OF RECOGNITION

Early Childhood Education, Assistant Teacher
Early Childhood Education, Associate Teacher
Early Childhood Education, Family Child Care

The Folsom Lake College program offers a hands-on approach to learning skills in working with young children from birth through the age of 12. Certificates and degrees have been designed to prepare students for employment at the various levels within privately funded child care centers and publicly funded child development programs.

The program meets the course requirements for teachers and directors of private child care programs licensed by the California State Department of Social Services (Title 22). In addition, the program meets the coursework requirements for the Child Development Permit issued by the California Commission on Teacher Credentialing.

Career Options

Preschool Teacher; Infant Care Teacher; School Age Teacher; Preschool Director; Infant Care Director; Site Supervisor of Preschool/School Age Programs; Family Child Care Provider; Public

School Aide; Pediatric Nurse; Camp Counselor; Recreational Leader; Nanny; Elementary School Teaching Assistant; Parent Educator; Home Visitor

Elementary Teaching

For the person interested in teaching in a self-contained elementary school classroom, Folsom Lake College has courses leading toward a Liberal Studies major at California State University, Sacramento. Before selecting classes, please check with your counselor to receive the most up-to-date information.

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

Note: Students planning to enroll in Work Experience or practicum classes (ECE 320, ECE 321, ECE 334, ECE 350, and ECE 498) must show evidence of TB clearance before working with children. Some lab placements may require fingerprinting.

Highlights

- Three AA Degrees and eight Certificates
- On-campus, off-campus, & online course offerings

AA DEGREES

This program provides a foundation for in-depth early childhood teacher preparation both through strong general education and through introductory studies in child development and in early childhood curriculum and pedagogy. Topics include an introduction to the profession, observation techniques, age-appropriate curriculum, the child in the context of family and culture, and health and safety practices for early childhood educators.

DEGREE**AA – Early Childhood Education**

REQUIRED PROGRAM.....	Units
ECE 300 Introduction to Principles and Practices in Early Childhood Education.....	3
ECE 312 Child Development (3) or PSYC 372 Child Development (3)	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Curriculum and Interactions in Early Childhood Education.....	4
ECE 321 Advanced Practicum in Early Childhood Education.....	4
ECE 326 Making Learning Visible Through Observation and Documentation.....	3
ECE 330 Infant Development	3
ECE 342 Constructive Math and Science in Early Childhood Education.....	3
ECE 343 Language and Literacy Development in Early Childhood.....	3
ECE 361 Introducing Young Children to Visual Arts (3) or ECE 363 Music and Movement with Young Children (3).....	3
ECE 415 Children’s Health, Safety and Nutrition (3) or NUTRI 320 Children’s Health, Safety and Nutrition (3)	3
ECE 430 Culture and Diversity in Early Childhood Education.....	3
TOTAL UNITS REQUIRED.....	38

Suggested Electives for fulfilling GE or 60-unit degree requirement:

ANTH 310, ART 430, BIOL 307, BUS 310, COMM 301, COMM 325, COMM 361, ECE 350, ECE 498, ECON 302, ENGED 320, ENGLT 370, ENGWR 101, ENGWR 300, ENGWR 302, GEOG 306, GEOL 305, HIST 307, HIST 308, HIST 312, MATH 120, MATH 310, MUFHL 330, MUIVI 370, MUIVI 371, MUSM 370, NUTRI 300, POLS 301, PSYC 368, SILA 305, SILA 306, SOC 321, SPAN 401, SPAN 402, SPAN 411, SPAN 412.

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

Program Student Learning Outcomes

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

- Apply knowledge and understanding of how children grow, develop and learn across the physical, psychosocial, cognitive, language and aesthetic domains by creating and maintaining healthy, respectful, supportive and challenging learning environments.
- Build family and community relationships by identifying family and community characteristics; the practice of supporting and empowering families and communities through respectful and reciprocal relationships; and skillfully involving families and communities in children’s development and learning.
- Synthesize and apply multiple methods of documentation by designing, developing and implementing ethical practices and procedures that provide evidence of developmental measures and outcomes.
- Design and implement developmentally and culturally appropriate curriculum, environments, and guidance techniques.
- Demonstrate professionalism in the field of Early Childhood Education by actively working as a voice for children’s rights; researching and provisioning resources on behalf of children, families and communities; practicing ethical standards with children, families and communities; practicing professional work ethics; and participating in professional growth activities.
- Design, develop, and operate programs for children that adhere to Title 22 regulations mandated by the California Department of Human Services, Community Care Licensing Division, in order to ensure children’s health and safety.
- Create and maintain policies that are developmentally and culturally appropriate; promote respectfully inclusive attitudes and environments; and value multiple perspectives.
- Apply acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- Seek employment as a teacher in a private or public early childhood educational setting.

DEGREE

AA – Early Childhood Education, Site Supervisor

REQUIRED PROGRAM.....	Units
ECE 300 Introduction to Principles and Practices in Early Childhood Education.....	3
ECE 312 Child Development (3) or PSYC 372 Child Development (3)	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Curriculum and Interactions in Early Childhood Education.....	4
ECE 321 Advanced Practicum in Early Childhood Education.....	4
ECE 326 Making Learning Visible Through Observation and Documentation.....	3
ECE 330 Infant Development	3
ECE 342 Constructive Math and Science in Early Childhood Education (3) or ECE 343 Language and Literacy Development in Early Childhood (3).....	3
ECE 361 Introducing Young Children to Visual Arts (3) or ECE 363 Music and Movement with Young Children (3).....	3
ECE 415 Children’s Health, Safety and Nutrition (3) or NUTRI 320 Children’s Health, Safety and Nutrition (3)	3
ECE 420 Administration of Child Development Centers	3
ECE 422 Advanced Coordination and Supervision of Child Development Programs.....	3
ECE 424 Adult Supervision: Mentoring in a Collaborative Learning Setting.....	2
ECE 430 Culture and Diversity in Early Childhood Education.....	3
TOTAL UNITS REQUIRED.....	43

Suggested Electives:

ANTH 310, ART 430, BIOL 307, BUS 310, COMM 301, COMM 325, COMM 361, ECE 350, ECE 356, ECE 361, ECON 302, ENGED 320, ENGLT 370, ENGWR 101, ENGWR 300, ENGWR 302, GEOG 306, GEOL 305, HIST 307, HIST 308, MATH 120, MATH 310, MUFHL 330, MUIVI 370, MUSM 370, NUTRI 300, PSYC 368, SILA 305, SOC 321, SPAN 401

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

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

Program Student Learning Outcomes

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

- Demonstrate knowledge and understanding of how children grow, develop and learn across the physical, psychosocial, cognitive, language and aesthetic domains by creating and maintaining healthy, respectful, supportive and challenging learning environments.
- Demonstrate knowledge and understanding of building family and community relationships by identifying family and community characteristics; the practice of supporting and empowering families and communities through respectful and reciprocal relationships; and skillfully involving families and communities in children’s development and learning.
- Demonstrate the ability to synthesize and apply multiple methods of documentation by designing, developing and implementing ethical practices and procedures that provide evidence of developmental measures and outcomes.
- Demonstrate competence in effective teaching practices by designing and implementing developmentally and culturally appropriate curriculum, environments, and guidance techniques.
- Demonstrate professionalism in the field of Early Childhood Education by actively working as a voice for children’s rights; researching and provisioning resources on behalf of children, families and communities; practicing ethical standards with children, families and communities; practicing professional work ethics; and participating in professional growth activities.
- Demonstrate knowledge and application of developmentally appropriate health and safety policies and practices by designing, developing and operating programs for children that adhere to Title 22 regulations mandated by the California Department of Human Services, Community Care Licensing Division, in order to ensure children’s health and safety.
- Demonstrate cultural competency by designing, developing and operating programs according to policies that are developmentally and culturally appropriate; promote respectfully inclusive attitudes and environments; and value multiple perspectives.

- Analyze and maintain program planning, budgeting, governing boards, enrollment, and personnel in accordance with the regulations of Title 5 (California Education Code of Regulations) and Title 22 (California Social Services Code of Regulations).
- Apply acquired knowledge, skills, and abilities toward successful completion of coursework at transfer institutions.
- Seek employment as a site supervisor in a private or public early childhood educational setting.

DEGREE

AS-T – Early Childhood Education for Transfer

REQUIRED PROGRAM.....	Units
ECE 300 Introduction to Principles and Practices in Early Childhood Education.....	3
ECE 312 Child Development (3)or PSYC 372 Child Development (3)	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Curriculum and Interactions in Early Childhood Education.....	4
ECE 321 Advanced Practicum in Early Childhood Education.....	4
ECE 326 Making Learning Visible Through Observation and Documentation.....	3
ECE 415 Children’s Health, Safety and Nutrition (3) or NUTRI 320 Children’s Health, Safety and Nutrition (3)	3
ECE 430 Culture and Diversity in Early Childhood Education.....	3
TOTAL UNITS REQUIRED.....	26

Students are required to:

- Complete a minimum of 19 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework.
- Complete 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- No more than 60 semester units are required.
- A “P” (Pass) grade is not an acceptable grade for courses in the major.

Program Student Learning Outcomes

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

- Synthesize child development research with principles and practices in Early Childhood

Education in order to create early learning environments that are respectful, supportive, and challenging for all children from infancy through adolescence.

- Design inclusive, culturally and linguistically appropriate environments, based on child development theories and practices, as well as child observations, shared family information, and culturally diverse child rearing practices.
- Incorporate strategies for building respectful, reciprocal family and community relationships to support families and their children’s development and learning.
- Assess children’s learning through observation, documentation, and interpretation using the outcomes to guide curriculum and teaching strategies.
- Recommend developmentally and culturally relevant approaches to teaching and learning that include respectful, supportive relationships with children and families as well as concepts in math, language, art, science and social relationships.
- Demonstrate practices that maintain standards of health, nutrition and safety in early childhood settings.
- Incorporate ethical standards of behavior accepted by the profession of early childhood education.

Certificates Leading to Child Development Permits

FLC offers a sequence of certificates that guide students in working their way up the California Development Permit matrix. Students who complete the following certificates will, upon verification of required experience, be recommended to the Commission on Teacher Credentialing for issuance of Child Development Permits.

CERTIFICATE OF RECOGNITION

Early Childhood Education, Assistant Teacher

REQUIRED PROGRAM.....	Units
ECE 300 Introduction to Principles and Practices in Early Childhood Education or ECE 314 The Child, The Family, and The Community	3
ECE 312 Child Development or PSYC 372 Child Development.....	3
TOTAL UNITS REQUIRED.....	6

Students must take ECE 312 or PSYC 372 AND ECE 300 or ECE 314. Upon successful completion of the Assistant Teacher Certificate, a student demonstrates knowledge, preparation and competencies for an entry-level position in an early learning program. Additionally,

the student is eligible to apply for the Assistant Teacher Child Development Permit issued by the California Commission on Teacher Credentialing.

Program Student Learning Outcomes

Upon completion of ECE 300 and ECE 312, the student will be able to:

- Discriminate among philosophies of early childhood education in regards to assumptions about how young children learn and how early childhood teachers should teach.
- Define and identify the role of observation, documentation, and interpretation of children’s play as a tool for planning curriculum for young children and assessing their learning.
- Analyze the developmental stages and growth processes across the domains of development from the prenatal period through adolescence.
- Describe how theories, principles and foundations of child development inform and guide practical application.
- Apply acquired knowledge, skills, and abilities of certificate coursework toward successful completion of an Early Childhood Education Associate Teacher Certificate.
- Apply for an assistant teacher position in an early childhood educational setting.

Upon completion of ECE 312 and ECE 314, the student will be able to:

- Analyze the developmental stages and growth processes across the domains of development from the prenatal period through adolescence.
- Describe how theories, principles and foundations of child development inform and guide practical application.
- Recognize the influence of diverse socio-cultural factors on child development, child rearing, caring, and education.
- Identify components that are essential to the healthy socialization of children with their families and the community and community resources available to support families.
- Apply for an assistant teacher position in an early childhood educational setting.

**CERTIFICATE OF RECOGNITION
Early Childhood Education, Associate Teacher**

REQUIRED PROGRAM.....	Units
ECE 300 Introduction to Principles and Practices in Early Childhood Education.....	3
ECE 312 Child Development (3) or	
PSYC 372 Child Development (3)	3

ECE 314 The Child, the Family and the Community	3
ECE 320 Curriculum and Interactions in Early Childhood Education	4
TOTAL UNITS REQUIRED.....	13

Upon successful completion of an Associate Teacher Certificate, and with documented experience, the student demonstrates knowledge, preparation, and competencies to be a teacher in a privately funded early learning program and as a teacher assistant in a publicly funded early learning program. Additionally, the certificate meets mandated licensing requirements for Title 22 of the Health and Safety Code of the Department of Social Services, Community Care Licensing Division and leads to the Associate Teacher Permit issued by the California Commission on Teacher Credentialing.

Program Student Learning Outcomes

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

- Plan and implement developmentally and culturally appropriate indoor and outdoor environments for young children that support play, exploration, problem solving and learning.
- Design, implement, and evaluate developmentally and culturally appropriate learning activities for young children.
- Create an intellectually engaging, responsive environment to promote each child’s learning and development.
- Make plans to enable children to attain key curriculum goals across various disciplines, such as language arts, mathematics, social studies, science, art, music, physical education, and health.
- Support children’s collaboration with interesting, important enterprises.
- Develop, refine and use a wide repertoire of teaching strategies to enhance children’s learning and development.
- Support the development of responsibility and self-regulation in children.
- Distinguish and apply positive guidance and problem solving strategies that teach children self-discipline and appropriate social skills within a diverse group of peers.
- Apply acquired knowledge, skills, and abilities of certificate coursework toward successful completion of an ECE Teacher Certificate.
- Seek employment as an associate teacher in a private early childhood educational setting.

CERTIFICATE OF ACHIEVEMENT Early Childhood Education Teacher

REQUIRED PROGRAM.....	Units
<i>Core Courses:</i>	
ECE 300 Introduction to Principles and Practices in Early Childhood Education.....	3
ECE 312 Child Development (3) or PSYC372 Child Development (3)	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Curriculum and Interactions in Early Childhood Education.....	4
ECE 321 Advanced Practicum in Early Childhood Education.....	4
ECE 326 Making Learning Visible Through Observation and Documentation.....	3
ECE 330 Infant Development	3
ECE 415 Children's Health, Safety and Nutrition (3) or NUTRI 320 Children's Health, Safety and Nutrition (3)	3
ECE 430 Culture and Diversity in Early Childhood Education	3
TOTAL CORE UNITS REQUIRED.....	29
GENERAL EDUCATION UNITS.....	16
TOTAL UNITS REQUIRED.....	45

For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041329C01>

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

Upon successful completion of the Teacher Certificate, a student demonstrates knowledge, preparation and competencies for teaching in a publicly funded early learning program. Applicants must verify required experience teaching children to be recommended to the Commission on Teacher Credentialing for issuance of the Teacher Child Development Permit. Additionally, this certificate exceeds the requirements for teaching in a privately funded early learning program.

Program Student Learning Outcomes

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

- Design early childhood classroom communities that build healthy, respectful, and reciprocal relationships that support and empower families, with the intention to involve all families in their children's development and learning.
- Analyze, synthesize, and evaluate systematic observations, documentation, and other effective assessment strategies in a responsible way in order to guide decisions about curriculum and teaching strategies as well as to support children's development and learning.
- Observe and evaluate positive relationships and supportive interactions as the foundation for work with young children.
- Analyze, synthesize, and evaluate a wide array of effective approaches, strategies, and tools to support young children's development and learning.
- Analyze, synthesize and evaluate young children's learning in content areas and access resources to deepen children's understanding.
- Design, implement and evaluate meaningful, challenging curriculum that promotes comprehensive developmental and learning outcomes for all young children.
- Analyze, synthesize, and evaluate ethical guidelines and other professional standards related of early childhood practice.
- Develop continuing professional growth plan and advocate for public policy that supports children, families and the profession of early childhood education.
- Apply acquired knowledge, skills, and abilities of certificate coursework toward successful completion of an Early Childhood Education Master Teacher Certificate.
- Seek employment as a teacher in a private or public early childhood educational setting.

CERTIFICATE OF ACHIEVEMENT Early Childhood Education, Master Teacher

REQUIRED PROGRAM.....	Units
<i>Core Courses:</i>	
ECE 300 Introduction to Principles and Practices in Early Childhood Education.....	3
ECE 312 Child Development (3) or PSYC 372 Child Development (3)	3
ECE 314 The Child, the Family and the Community.....	3
ECE 320 Curriculum and Interactions in Early Childhood Education.....	4

ECE 321	Advanced Practicum in Early Childhood Education.....	4
ECE 326	Making Learning Visible Through Observation and Documentation.....	3
ECE 330	Infant Development	3
ECE 415	Children’s Health, Safety and Nutrition (3) or NUTRI 320 Children’s Health, Safety and Nutrition (3)	3
ECE 424	Adult Supervision: Mentoring in a Collaborative Learning Setting.....	2
ECE 430	Culture and Diversity in ECE.....	3
TOTAL CORE UNITS REQUIRED.....		31
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 they are applying.

TOTAL UNITS REQUIRED.....		47
MASTER TEACHER SPECIALIZATION OPTIONS (see specialization list below)		6
TOTAL UNITS REQUIRED.....		53

Master Teacher Specialization Options:

Select one (1) six-unit option below. Note: Courses may not double count for core and specialization.

Art with Children.....		6 units
ECE 361	Introducing Young Children to Visual Arts (3)	
And a minimum of three (3) units from the following:		
ART 320	Design Fundamentals (3)	
ART 430	Art and Children (3)	
ARTH 300	Introduction to Art (3)	

Bilingual/Bicultural Development.....		6 units
ECE 430 ¹	Culture and Diversity in Early Childhood Education (3)	
And a minimum of three (3) units from the following:		
ANTH 310	Cultural Anthropology (3)	
BUS 330	Managing Diversity in the Workplace (3)	
COMM 325	Intercultural Communication (3)	
NUTRI 310	Cultural Foods of the World (3)	
SOC 321	Race, Ethnicity and Inequality in the U.S. (3)	

Or one of the following Foreign Language courses:
French, Spanish or American Sign Language (3)
¹ECE 430 may be used for this specialization, even if it was used for the Teacher Certificate. The certificate will then be a total of 50 units.

Children with Exceptional Needs.....		6 units
ECE 404	Children with Special Needs (3) And a minimum of three (3) units from the following:	
ECE 400	Children with Exceptional Needs (3) or SILA 305 American Sign Language 1 (4) or SILA 306 American Sign Language 2 (4)	

Children’s Health, Safety and Nutrition.....		6 units
NUTRI 300	Nutrition (3) And a minimum of three (3) units from the following: ²	
ECE 415	Children’s Health, Safety & Nutrition (3) or NUTRI 320 Children’s Health, Safety & Nutrition (3)	

²ECE415/NUTRI 320 may be used for this specialization, even if it was used for the Teacher Certificate. The certificate will then be a total of 50 units.

Infant and Toddler Care.....		6 units
ECE 331	Education and Care of Infants in Group Settings (3) And a minimum of three (3) units from the following: ³	
ECE 330	Infant Development (3) or ECE 334 Laboratory with Infants and Toddlers (1)	

³ECE 330 may be used for this specialization, even if it was used for the Teacher Certificate. The certificate will then be a total of 50 units. ECE 334 may be repeated three times for a total of 3 units.

Music with Children.....		6 units
ECE 363	Music and Movement with Young Children (3) And a minimum of three (3) units from the following:	
MUFHL 330	World Music (3) or MUIVI 370 Beginning Guitar (2) MUSM 370 Music for Children (3)	

For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041328C01>

The Master Teacher Certificate meets the requirements for teaching in a publicly funded early care and education program. Upon successful completion of the Master Teacher Certificate, students will demonstrate knowledge, preparation and competencies to be a lead or supervising teacher in early learning programs, mentor teacher for practicum students, or coordinator of curriculum and staff development. The Master Teacher Certificate requires an additional 6 units of specialized study beyond the teacher level certificate, allowing students to select a focus of study which may include: Art with Children, Bilingual/Bicultural Development, Children with Exceptional Needs, Children’s Health, Safety and Nutrition, Infant and

Toddler Care and Music with Children. Applicants must verify required experience teaching children and supervising staff to be recommended to the California Commission on Teacher Credentialing for issuance of the Master Teacher Child Development Permit.

Program Student Learning Outcomes

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

- Identify and apply an understanding of licensing and child care regulations.
- Incorporate professional issues and utilize professional codes of ethics in educational practice.
- Develop an ability to advocate on behalf of children and families.
- Evaluate an environment that meets the needs of children, families and staff.
- Supervise both staff and classrooms and directly interact with children and families in a warm and positive manner.
- Choose and provide inclusive, developmentally and culturally appropriate practices and activities.
- Integrate methods of conflict management and problem solving strategies with children.
- Integrate health, safety, and nutrition practices in an early care and education program.
- Apply acquired knowledge, skills, and abilities of certificate coursework toward successful completion of an Early Childhood Education Site Supervisor Certificate.
- Apply area of specialization as a master teacher in a private or public early childhood educational setting.

CERTIFICATE OF ACHIEVEMENT

Early Childhood Education, Site Supervisor

REQUIRED PROGRAM.....	Units
ECE 300 Introduction to Principles and Practices in Early Childhood Education.....	3
ECE 312 Child Development (3) or	
PSYC 372 Child Development (3)	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Curriculum and Interactions in Early Childhood Education	4
ECE 321 Advanced Practicum in Early Childhood Education	4
ECE 326 Making Learning Visible Through Observation and Documentation.....	3
ECE 330 Infant Development	3
ECE 415 Children’s Health, Safety and Nutrition (3) or	
NUTRI 320 Children’s Health, Safety and Nutrition (3)	3

ECE 420 Administration of Child Development Centers	3
ECE 422 Advanced Coordination and Supervision of Child Development Programs.....	3
ECE 424 Adult Supervision: Mentoring in a Collaborative Learning Setting	2
ECE 430 Culture and Diversity in Early Childhood Education	3
TOTAL UNITS REQUIRED.....	37

*For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041330C01>*

Upon successful completion of the Site Supervisor Certificate, and with appropriate documented experience, a student demonstrates knowledge, preparation and competencies to supervise single site early learning programs and to serve as coordinator of curriculum and staff development. Certificate exceeds the minimum educational requirements for employment as a director/manager of a privately funded early learning program as outlined in Title 22 Department of Social Services regulations for childcare licensing.

Program Student Learning Outcomes

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

- Incorporate a personal philosophy of working with children, families and staff in an early learning environment.
- Appraise and implement quality care for young children in early learning environments.
- Describe the role, job dimension, and responsibilities of the early childhood site supervisor and program director.
- Reference and implement licensing requirements for privately funded child development programs.
- Apply basic principles of child and program development, adult supervision and management, family and community partnerships, human resources and development, and business/fiscal management.
- Manage respectful interactions between supervisors, teachers, children and parents.
- Interpret and apply a professional code of ethics.
- Create appropriate professional growth and advocacy activities for center teachers.
- Apply acquired knowledge, skills, and abilities of certificate coursework toward successful completion of an A. A. degree in Early Childhood Education.
- Seek employment as a site supervisor in a private or public early childhood educational setting.

Specialist Certificates

The following certificates are designed for students who seek courses which will prepare them to work with a specific age group or program type. The following certificates meet the minimum requirements for teaching in or administering privately-funded early care and education.

CERTIFICATE OF RECOGNITION

Early Childhood Education, Family Child Care

REQUIRED PROGRAM.....	Units
ECE 300 Introduction to Principles and Practices in Early Childhood Education.....	3
ECE 304 Family to Family: Introduction to Family Child Care	1
ECE 312 Child Development (3) or PSYC 372 Child Development (3)	3
ECE 314 The Child, the Family and the Community	3
ECE 415 Children’s Health, Safety and Nutrition (3) or NUTRI 320 Children’s Health, Safety and Nutrition (3)	3
TOTAL UNITS REQUIRED.....	13

Upon successful completion of the Family Child Care Certificate, a student demonstrates knowledge, preparation and competencies to be an in-home family childcare provider.

Program Student Learning Outcomes

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

- Evaluate components and benefits of a high-quality family childcare program.
- Describe and implement developmentally appropriate activities for infants through school age children.
- Apply health and safety practices for infants through school age children in a home setting.
- Demonstrate respectful interactions with children and their families.
- Describe the family child care licensing application process and licensing regulation highlights.
- Identify needs of families and refer to community resources.
- Apply acquired knowledge, skills, and abilities of certificate course work toward being a family childcare provider.
- Apply acquired knowledge, skills, and abilities of certificate course work toward successful completion of an Early Childhood Education Associate Teacher Certificate.

CERTIFICATE OF ACHIEVEMENT

Early Childhood Education, Infant Specialist

REQUIRED PROGRAM.....	Units
ECE 300 Introduction to Principles and Practices in Early Childhood Education.....	3
ECE 312 Child Development (3) or PSYC 372 Child Development (3)	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Curriculum and Interactions in Early Childhood Education	4
ECE 330 Infant Development	3
ECE 331 Education and Care of Infants in Group Settings.....	3
ECE 334 Laboratory with Infants and Toddlers (1)	1
ECE 415 Children’s Health, Safety and Nutrition (3) or NUTRI 320 Children’s Health, Safety and Nutrition (3)	3
TOTAL UNITS REQUIRED.....	23

*For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041094C01>*

Upon successful completion of an Infant Specialist Certificate, and with appropriate documented experience, a student demonstrates knowledge, preparation and competencies to be an infant and toddler teacher in an early learning program. Certificate completion exceeds minimum requirements for a teacher of infants and toddlers in privately funded early childhood education programs (as required by Title 22 of the California Social Services Code of Regulations) and as an associate teacher of infants and toddlers in publicly funded early learning programs (as required by Title 5 California Education Code of Regulations.) A student who completes this certificate also possesses the course work required for the Child Development Associate Teacher Permit issued by the California Commission on Teacher Credentialing.

Program Student Learning Outcomes

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

- Evaluate and apply knowledge of infant development and the multiple influences on early development and learning to create infant and family programs that are healthy, respectful, supportive, and challenging for children from the prenatal period through the first three years after birth.

- Design infant and toddler programs that build respectful, reciprocal family relationships that support optimal infant and toddler development and learning both at home and in group care settings.
- Incorporate systematic assessment strategies using observation, documentation, and interpretation in order to guide decisions about support for infant and toddler development and curriculum.
- Design, implement, and evaluate developmentally effective curriculum and teaching plans that tie knowledge of academic content to meaningful and challenging learning environments for infants and toddlers in a collaborative effort with colleagues.
- Develop continuing professional growth plan and advocate public policy that supports infants, toddlers, their families and the profession of early childhood education.
- Apply acquired knowledge, skills, and abilities of certificate coursework toward successful completion of an AA degree in Early Childhood Education.
- Seek employment as an infant or toddler teacher in a private or public early childhood educational setting.

CERTIFICATE OF ACHIEVEMENT

Early Childhood Education, School Age Specialist

REQUIRED PROGRAM.....	Units
ECE 300 Introduction to Principles and Practices in Early Childhood Education.....	3
ECE 312 Child Development (3) or PSYC 372 Child Development (3)	3
ECE 314 The Child, the Family and the Community	3
ECE 320 Curriculum and Interactions in Early Childhood Education.....	4
ECE 321 Advanced Practicum in Early Childhood Education.....	4
ECE 356 Programs for the School-Age Child.....	3
ECE 430 Culture and Diversity in Early Childhood Education	3
ECE 415 Children's Health, Safety and Nutrition (3) or NUTRI 320 Children's Health, Safety and Nutrition (3)	3
ART 430 Art and Children (3) or ECE 363 Music and Movement with Young Children (3) or ENGLT 370 Children and Literature (3) or MUSM 370 Music for Children (3).....	2-3
TOTAL UNITS REQUIRED.....	28-29

Upon successful completion of the School-Age Specialist Certificate, and with appropriate documented experience, a student demonstrates knowledge, preparation and competencies to be a teacher of school-age children in a before and after school child care program. The certificate exceeds the minimum requirements for employment as a teacher in privately funded before and after school child learning programs as outlined in Title 22 Department of Social Services regulations for childcare licensing.

Program Student Learning Outcomes

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

- Design before- and after-school classroom communities that build healthy, respectful, and reciprocal relationships that support and empower families, with the intention to involve all families in their school age children's development and learning.
- Utilize systematic observations, documentation, and other effective assessment strategies in a responsible way in order to guide decisions about curriculum and teaching strategies as well as to support school age children's development and learning.
- Examine, understand, and use positive relationships and supportive interactions as the foundation for work with school age children.
- Examine, understand, and use a wide array of effective approaches, strategies, and tools to support school age children's development and learning.
- Understand the importance of each content area in school age children's learning and know the essential concepts, inquiry tools, and structure of content areas including academic subjects and identify resources to deepen understanding.
- Design, implement and evaluate meaningful, challenging curriculum that promotes comprehensive developmental and learning outcomes for school age children.
- Examine and use ethical guidelines and other professional standards related of early childhood practice.
- Develop continuing professional growth plan and advocate for public policy that supports children, families and the profession of early childhood education.
- Apply acquired knowledge, skills, and abilities of certificate coursework toward successful completion of an AA degree in Early Childhood Education.
- Seek employment as a school-age teacher in a private or public early childhood educational setting.

For Gainful Employment Info and Opportunities:

[http://www.losrios.edu/gainful-emp-info/gedt.](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041611C01)

[php?major=041611C01](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041611C01)

Early Childhood Education (ECE)

ECE 295 Independent Studies in Early Childhood Education 1-3 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

ECE 299 Experimental Offering in Early Childhood Education .5-4 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

ECE 300 Introduction to Principles and Practices in Early Childhood Education 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course is an introduction to early childhood education, including an overview of the history of the field, evolution of professional practices and ethics, educational principles that support child development from birth through the school-age years, and teaching practices based on observation, documentation, and interpretation of children's behavior. (C-ID ECE 120)

ECE 304 Family to Family: Introduction to Family Child Care 1 Unit

Prerequisite: None.

Course Transferable to CSU

Hours: 18 hours LEC

This course is an orientation to family child care including local regulations, health and safety, curriculum, behavior management, and business requirements of in-home child care services.

ECE 312 Child Development 3 Units

Same As: PSYC 372

Prerequisite: None.

Advisory: ENGWR 101 or 103; ESLL 310, ESLR 320, and ESLW 320.

General Education: AA/AS Area V(b); AA/AS Area III(b); CSU Area D7; IGETC Area 4I

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course will examine the physical, cognitive, social and emotional development of the child from the prenatal period through adolescence. Scientific findings from a range of disciplines will inform an integrated examination of theory and practice during the childhood years. This course is designed to fulfill General Education, Early Childhood Education and Psychology degree requirements. This course is not open to those who have previously taken PSYC 372. (C-ID CDEV 100)

ECE 314 The Child, the Family and the Community 3 Units

Prerequisite: None.

Advisory: ENGWR 101 or 103; or ESLL 320, ESLR 320, ESLW 320.

General Education: AA/AS Area III(b); CSU Area D7; CSU Area E1

Course Transferable to UC/CSU

Hours: 54 hours LEC

This fundamental course examines socialization and developmental processes of the child within the family and the environmental influences on growth and development; including gender, peers, schooling, the media, socioeconomic status, race, ethnicity, language, and developmental differences. Community resources available to support family systems and dynamics will be examined. (C-ID CDEV 110)

ECE 320 Curriculum and Interactions in Early Childhood Education 4 Units

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

Enrollment Limitation: Current tuberculosis clearance.

Course Transferable to CSU

Hours: 36 hours LEC ; 108 hours LAB

This course provides supervised experience working with children in an early childhood setting. Topics include principles of curriculum development, classroom design, and child guidance, with opportunity to apply these key teaching principles in practical situations. This course is approved as the required programs and curriculum core course specified in Title 22 of the Health and Safety Code of the Department of Social Services, Community Care Licensing Division and Title 5 Department of Education regulations. Before beginning lab assignments, students must show proof of TB clearance. (C-ID ECE 130)

ECE 321 Advanced Practicum in Early Childhood Education 4 Units

Prerequisite: ECE 320 with a grade of "C" or better

Enrollment Limitation: Current tuberculosis clearance.

Course Transferable to CSU

Hours: 36 hours LEC ; 108 hours LAB

This advanced course provides supervised experience as a teacher in an early childhood education program. It is aimed at leadership in the areas of developing environments for learning, child observation and assessment, documentation of children's work, behavior guidance, group management, collaborative teaching, building relationships with families, and effective preparation and implementation of curriculum. Before beginning lab assignments, students must show proof of TB clearance.

ECE 326 Making Learning Visible Through Observation and Documentation 3 Units

Prerequisite: None.

Advisory: ENGRD 110 or ENGWR 101

Course Transferable to CSU

Hours: 54 hours LEC

This course applies critical and reflective thinking to observation and assessment of young children's development. It prepares teachers of young children to use observation, documentation, and interpretation strategies to improve program quality in early childhood settings. Multiple forms of child assessment and early childhood program assessment are explored. (C-ID ECE 200)

ECE 330 Infant Development 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course is an examination of infant development, from conception to three years of age, providing a review of research findings related to infancy and implications for infant care.

ECE 331 Education and Care of Infants in Group Settings 3 Units

Prerequisite: None.

Advisory: ECE 330, ENGRD 110, and ENGWR 101

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. Emphasis is on early childhood education principles and practices when applied to the care and education of infants from birth to three years of age. It includes strategies for designing, implementing, and evaluating group care programs for infants.

ECE 334 Laboratory with Infants and Toddlers 1 Unit

Prerequisite: None.

Corequisite: ECE 330 or 331 ; May be taken previously.

Enrollment Limitation: Current Tuberculosis Clearance.

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 laboratory for those who have completed or are enrolled in ECE 330 or 331. The course requires participation for a designated three hours per week with infants and/or toddlers in a supervised infant/toddler setting.

ECE 342 Constructive Math and Science in Early Childhood Education 3 Units

Prerequisite: None.

Advisory: ENGRD 310 and ENGWR 101

Course Transferable to CSU

Hours: 54 hours LEC

The course is an introduction to the constructivist approach to teaching pre-math and science in early childhood education. The content and teaching techniques support the perspective that children construct knowledge through a dynamic, interactive process that facilitates their development of working theories related to math and science. Topics include an overview of the role of the teacher in developing appropriate experiences for children and a review of current standards and guidelines.

ECE 343 Language and Literacy Development in Early Childhood 3 Units

Prerequisite: None.

Advisory: Eligibility for ENGWR 101 or ENGRD 310.

Course Transferable to CSU

Hours: 54 hours LEC

This course will prepare early childhood educators to recognize, understand and enhance the emergent language and literacy experiences and skills of young children. The knowledge of developmentally appropriate language and literacy practices will improve early childhood educators' abilities to support young children in the early years (birth to five years) to build a strong foundation for learning to read and write in the primary grades. Topics include an overview of the teacher's role in developing appropriate language and literacy experiences for young children, including strategies to support learning English as a second language.

ECE 350 Introduction to Elementary Teaching with Field Experience 3 Units

Prerequisite: None.

Advisory: ECE 312 or PSYC 372

General Education: AA/AS Area III(b)

Enrollment Limitation: Students are required to show proof of TB clearance and if the school district requires it, complete a fingerprint clearance through the cooperating school district before they can attend the school site for field work.

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 54 hours of lab in a public elementary school under the supervision of a certified classroom teacher 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: historical and philosophical foundations of the American education system; California's academic content, curriculum standards, and teacher performance standards; the profession and culture of teaching; observation skills; communication skills; diversity and social issues, among others. Students' field experiences will integrate and apply the course content. Students will complete a service learning project at participating schools. Before beginning field placement, students must show proof of TB clearance, and if required, be fingerprinted through the cooperating school district.

ECE 356 Programs for the School-Age Child 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

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

ECE 361 Introducing Young Children to Visual Arts 3 Units

Prerequisite: None.

General Education: AA/AS Area I

Course Transferable to CSU

Hours: 54 hours LEC

This course prepares teachers in early childhood education with strategies for introducing young children to the media and tools of drawing, painting, sculpting, and other visual arts commonly used by young children to represent and understand the world around them. The focus will be on observing children's natural ways of exploring media and developing strategies to facilitate and document children's emerging skills and relationship with each medium. Included are strategies for designing early childhood environments that promote children's exploration of visual arts.

ECE 363 Music and Movement with Young Children 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

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

ECE 364 Fundamentals of Movement and Rhythm in Early Childhood Education 2 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is designed for early childhood education, elementary education, physical education and recreation majors. Developmentally appropriate lead-up games for individual and team activities and culturally diverse music, movement and rhythm will be explored and practiced.

ECE 400 Children with Exceptional Needs**3 Units**

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

Course Transferable to CSU

Hours: 54 hours LEC

This course provides an overview of the developmental issues, characteristics, and learning differences of children from birth to adolescence with exceptional needs. An introduction to assessment techniques, curriculum design, advocacy, current issues and community resources for exceptional children will be included in the overview. Classroom observations of children may be required.

ECE 404 Children with Special Needs 3 Units

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

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to provide a broad overview of the characteristics, assessment techniques, methods of intervention, natural environments, community and family resources, and current issues of young children from birth to age eight with special needs. The focus is to increase the awareness and understanding of children's individual needs in an early childhood setting and to provide practical information to those currently involved with children with special needs. Observations in public and private children's centers, schools and agencies may be required.

ECE 415 Children's Health, Safety and Nutrition 3 Units

Same As: NUTRI 320

Prerequisite: None.

Advisory: ECE 312 or NUTRI 300

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 54 hours LEC

This course provides an introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health safety and nutrition. The key components that ensure physical health, mental health and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. There is a focus on integrating the concepts into everyday planning and program development for all children. This course is not open to students who have received credit for NUTRI 320. (C-ID ECE 220)

ECE 420 Administration of Child Development Centers 3 Units

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

Advisory: ECE 320

Course Transferable to CSU

Hours: 54 hours LEC

This is an introductory course in the elements of program planning, budgeting, supervision and personnel administration for public and private centers and schools serving children and families. This course satisfies the administration requirement of the California Title 22 Health and Safety Code, and satisfies three of the six units of the administration requirement of the Title 5 Education code and the California Commission for Teacher Credentialing.

ECE 422 Advanced Coordination and Supervision of Child Development Programs 3 Units

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

Course Transferable to CSU

Hours: 54 hours LEC

This is an advanced course in administration and coordination of multi-faceted child development programs. The emphasis of the course is on publicly funded-programs and personnel management. This course meets the requirements of the Education Code under Title 5 and the Commission of Teacher Credentialing.

ECE 424 Adult Supervision: Mentoring in a Collaborative Learning Setting 2 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 36 hours LEC

This course is a study of the methods and principles of collaborative learning with emphasis on supervising teachers in early childhood education. This course focuses on the role of the mentor teacher who functions to guide the teaching team while simultaneously addressing the needs of children, families, and staff. This course satisfies the adult supervision requirement for the Child Development Master Teacher and Site Supervisor permits issued by the California Commission on Teacher Credentialing.

ECE 430 Culture and Diversity in Early Childhood Education 3 Units

Prerequisite: None.

General Education: AA/AS Area VI

Course Transferable to CSU

Hours: 54 hours LEC

This course examines the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Various classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. The course includes self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling. (C-ID ECE 230)

ECE 455 Environment Rating Scales in Early Childhood Programs 1 Unit

Prerequisite: None.

Course Transferable to CSU

Hours: 18 hours LEC

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

ECE 494 Topics in Early Childhood Education .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Designed to give students an opportunity to study topics in Early Childhood Education which are not included in current course offerings. Topics may include, but are not limited to: Management of Family Day Care Homes; Guidance of the Special Child in Everyday Living; Behavior and Discipline; Children in Crisis; The Single Parent Family; and Cross-Cultural Experiences with Children and Families. May be repeated for credit providing there is no duplication of topics.

ECE 495 Independent Studies in Early Childhood Education 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

ECE 498 Work Experience in Early Childhood Education 1-4 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to early childhood education. Students are advised to consult with the Early Childhood Education Department to review specific certificate and degree work experience requirements. Before beginning ECE 498, students must show proof of TB clearance.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units. Before beginning ECE 498, students must show proof of TB clearance.

ECE 499 Experimental Offering in Early Childhood Education .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Economics

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

This Folsom Lake College program studies how people and societies produce various commodities and distribute them for consumption, now or in the future. FLC's Economics offerings include the study of the American economic system, using techniques for the analysis of contemporary economic problems.

Career Options

Accountant; Arbitrator; Attorney; Budget Analyst; Business Analyst; Business Conditions; Forecaster; Commodity Economist; Commodity Price Forecaster; Development Economist; Economic Analyst; Economic Forecaster; Industrial Relations Specialist; Investment Analyst; Labor Economist; Macro Economist; Manpower Economist; Natural Resource Economist; Operations Research Analyst; Project Economist; Research Economist

Most career options require more than two years of study.

Highlights

- Knowledgeable instructors and professionals in their fields
- Good general overview and conceptual framework of economic issues
- Opportunity to combine with business and other related areas of study for a more comprehensive education
- Transfer opportunities
- A lab with tutorial assistance

Economics (ECON)

ECON 302 Principles of Macroeconomics

3 Units

Prerequisite: or one full year of High School Algebra II with grades of "C" or better in each semester; or competency above or at Math 120 as demonstrated through the assessment process.

General Education: AA/AS Area V(b); CSU Area D2; IGETC Area 4B

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

ECON 304 Principles of Microeconomics**3 Units**

Prerequisite: MATH 120 (Intermediate Algebra) with a grade of "C" or better; or one full year of High School Algebra II with grades of "C" or better in each semester; or competency above or at Math 120 as demonstrated through the assessment process.

General Education: AA/AS Area V(b); CSU Area D2; IGETC Area 4B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a graphical and functional analysis of the units (sectors) making up the economy. The focus is on the sectors' choices and interactions, microeconomic goals (efficiency and equity), problems, and solutions. Major topics include basic principles of economics; basic economic analyses; demand, supply, and equilibrium in a market; markets and applications; costs and production; product and resources markets; and microeconomic problems (externalities, public goods, and income inequality). Time permitting, related topics such as international trade and health economics may also be discussed. Coursework includes doing arithmetic problems, solving algebraic equations, and graphing straight and curvilinear lines.

ECON 320 Concepts in Personal Finance 3 Units

Same As: BUS 320

Prerequisite: None.

Advisory: BUS 105

General Education: AA/AS Area V(b)

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. This course is not open to students who have received credit for BUS 320.

ECON 495 Independent Studies in Economics**1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

ECON 499 Experimental Offering in Economics**.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Emergency Medical Technology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

EMT(1) certificate holders are the backbone of the Emergency Medical Services (EMS) system throughout the nation, helping to reduce injury severity and death both as first responders 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 and El Dorado County Health Departments, the certifying agencies for the Sacramento Region. 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 field 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 7 Units

Prerequisite: HEED 322 with a grade of "C" or better; OR equivalent CPR certification (BLS for the Healthcare Provider from the American Heart Association or CPR for the Professional Rescuer from the American Red Cross). All cards must be current.

Advisory: AH 110

Enrollment Limitation: Not open to students with a current EMT - Basic certificate.

Hours: 81 hours LEC ; 135 hours LAB

This course provides instruction to the level of Emergency Medical Technician (previously called EMT Basic or EMT-I). Topics include skills necessary to provide emergency medical care at a basic life support level with a fire, ambulance, or other specialized service. Folsom Lake College's Emergency Medical Technology 100 course is the primary step to provide the student with the skills and knowledge to apply for certification as an Emergency Medical Technician and is approved by the Sacramento County and El Dorado County Health Departments, Division of Emergency Medical Services, which is the certifying agency for Sacramento County by the State of California. This certification is mandatory for all personnel who wish to pursue a career working on an ambulance. EMT certification is also a pre-employment requirement for most paid fire departments. Together with varying levels of actual on-the-job experience, it is required for admission to Paramedic training programs throughout the state and country. EMT students will gain actual clinical experience by spending time off-campus in operating ambulance units and in emergency departments of hospitals. Students will be required to complete background checks/drug screens, purchase uniforms, and verify immunizations, Tb clearance and other requirements for the clinical component of this course. The course requires students to work on an ambulance in the clinical component. Students may not have a beard or any facial hair below the lip to be compliant with OSHA regulations. This course is conducted in compliance with the California Code of Regulations. A final grade "B" or better is required for a course completion certification in this course. This is

an intensive medical class and students should possess a strong background in anatomy and physiology as well as medical terminology. Students that do not possess both generally do not succeed in the course. It is STRONGLY recommended that students take a basic anatomy and physiology class as well as a medical terminology class prior to attempting this class.

EMT 102 Emergency Medical Care Refresher

1.5 Units

Prerequisite: Current certification as an Emergency Medical Technician (I) or Basic.

Hours: 23 hours LEC ; 12 hours LAB

This course provides continuing education and skills verification modules for current Emergency Medical Technicians (EMTs) certified at the Basic Life Support (BLS) level. It satisfies most of the refresher requirements of local, state and national Emergency Medical Services (EMS) certifying organizations. EMS related topics include airway management and ventilation, cardiac care and resuscitation, patient assessment, injury management, legal and ethical issues, vital signs monitoring and assisting with medication administration. This course is designed for currently California State certified EMT - Basic(I) and meets all state requirements for EMT (I) recertification by Sacramento County and El Dorado County Health Departments, Division of Emergency Medical Services, which is the certifying agency for Sacramento County by the State of California. BLS (CPR) cards are not issued upon completion of this course. Students that have expired EMT (I) certification should contact the instructor prior to signing up for EMT 102. This course provides limited preparation for the National Registry of Emergency Medical Technicians (NREMT) entry or recertification exam. This course may be taken four times for credit.

EMT 299 Experimental Offering in Emergency Medical Technology .5-4 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

Energy

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Energy (ENERGY)

ENERGY 305 Introduction to Energy Efficiency and Alternative Energy Systems 3 Units

Prerequisite: None.

Advisory: GEOG 300 and MATH 30

Course Transferable to CSU

Hours: 54 hours LEC

This course is an introduction to the science, technology, environmental impact, and economics of energy production and consumption. Topics include: the basic physics of energy, current and alternative energy generation systems, energy use in residential and commercial buildings, energy use in transportation systems, the economics of energy systems, and regulatory issues. Students will exercise their ability to make personal and professional decisions regarding energy systems so as to reduce energy costs and pollution footprints. Students may also be expected to attend and participate in an on-site visit of an energy industry organization.

Engineering

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Folsom Lake College's program provides the foundation in mathematics, physics, and engineering necessary to transfer to a university and complete a bachelor's degree in engineering. Engineering involves the application of scientific and mathematical principles needed to solve practical technical problems. Although the first two years of engineering courses for all engineering degrees are similar, students should consult the lower division requirements of the institution to which they wish to transfer. Students should see www.assist.org for university articulation information.

Career Options

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

Most career options require a B.S. degree.

Highlights

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

Engineering (ENGR)

ENGR 300 Introduction to Engineering 1 Unit

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 18 hours LEC

This course will provide students with information to evaluate the engineering profession as a personal career choice. Students will explore the branches of engineering and the different types of work done by engineers. Participants will investigate personal characteristics which contribute to being successful engineers, and will examine their own traits. They will learn what preparation and strategies are needed for the successful completion of engineering training. Course participants will explore the role of engineers in society and understand the responsibilities of engineers in their service to society.

ENGR 303 Introduction to Logic Design 4 Units

Prerequisite: None.

Advisory: MATH 120; Any previous or concurrent programming class.

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 system, conversion between number systems, Boolean algebra, Karnaugh maps, combinational logic, digital logic design, flip-flops, programmable logic devices (PLDs), counters, registers, memories, state machines, designing combinational logic and state machines into PLDs, and basic computer architecture. The lab is design oriented and emphasizes the use of software equation entry tools, schematic entry, and logic simulation tools. Lab assignments are design oriented. This course is required for Electrical/Electronics Engineering and Computer Engineering majors at some universities. This course is also helpful for Computer Science majors, electronics technicians, and for students wishing to sample computer engineering.

ENGR 312 Engineering Graphics 3 Units

Prerequisite: None.

Advisory: MATH 110

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 72 hours LAB

This course applies the graphical tools needed to analyze, interpret, and solve engineering problems. The engineering design process is taught using manual tools and computer-aided design and drafting (CADD) tools to solve typical engineering problems. Topics include descriptive geometry, vector graphics, orthogonal projection, primary and secondary auxiliary views, geometric dimensioning and tolerancing (GD&T), 3D solid modeling, and an introduction to finite element analysis (FEA) tools. This course is intended for mechanical and civil engineering majors, but may also be required for other programs.

ENGR 400 Introduction to Electrical Circuits and Devices 3 Units

Prerequisite: PHYS 421 with a grade of "C" or better

Corequisite: MATH 420

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course will provide engineering students with circuit analysis concepts and applications that will be of value in any engineering field as well as a solid foundation for electrical engineering and related majors. The course includes the analysis of circuits with resistors, inductors, capacitors, and independent and dependent voltage and current sources. Many analysis techniques will be applied to DC and AC circuits. Differential equations will be used to find the transient response of circuits. Power calculations will be performed on both DC and AC circuits, including an introduction to three-phase AC power. This course is required for most engineering Bachelors of Science degrees.

ENGR 420 Statics 3 Units

Prerequisite: MATH 401 and PHYS 411 with grades of "C" or better

Course Transferable to UC/CSU

Hours: 54 hours LEC

This is the first course in engineering mechanics. Topics in this course include two and three dimensional force system analysis using vector techniques, moments and couples in two and three dimensions, centroids and moment of inertia, friction, forces in beams, and truss analysis. This course is required for mechanical, civil, aeronautical engineering transfer students and by some electrical engineering programs.

ENGR 495 Independent Studies in Engineering 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

ENGR 499 Experimental Offering in Engineering .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

English

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AA – English
AA-T – English

The Folsom Lake College English department offers broad study of the fields of written and spoken language. This study focuses on the development of skills that are essential to every other discipline. In particular, the ability to read and write effectively will prove invaluable to any student.

Career Options

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 literature courses
- Composition courses for all ability levels
- Creative writing classes

DEGREE

AA – English

REQUIRED PROGRAM.....Units

Core Requirements - eighteen (18) units:

ENGLT 310	English Literature.....	3
ENGLT 311	English Literature.....	3
ENGLT 320	American Literature.....	3
ENGLT 321	American Literature.....	3
ENGWR 300	College Composition.....	3
ENGWR 301	College Composition & Literature or	
ENGWR 302	Adv Comp & Critical Thinking.....	3

Electives - A minimum of 6 units from the following:
..... 6

ENGCW 400	Creative Writing (3)
ENGCW 410	Fiction Writing Workshop (3)
ENGCW 420	Poetry Writing Workshop (3)
ENGCW 430	Creative Non-Fiction Writing Workshop (3)
ENGCW 452	College Literary Magazine (4)
ENGED 305	Structure of English (3)
ENGED 320	Tutor Elem Students in Reading (3)
ENGLT 303	Introduction to the Short Story (3)
ENGLT 339	Postmodern American Fiction (3)

ENGLT 340	World Literature (3)
ENGLT 341	World Literature (3)
ENGLT 345	Mythologies of the World (3)
ENGLT 360	Women in Literature (3)
ENGLT 370	Children and Literature (3)
ENGLT 402	Intro to Shakespeare and Film (3)
TOTAL UNITS REQUIRED..... 24	

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

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.

Program Student Learning Outcomes

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

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

DEGREE

AA-T – English

REQUIRED PROGRAM.....Units

ENGWR 301	College Composition and Literature ...	3
ENGWR 302	Advanced Composition and Critical Thinking.....	3

A minimum of 6 units from the following: 6

ENGLT 310	English Literature (3)
ENGLT 311	English Literature (3)
ENGLT 320	American Literature (3)

ENGLT 321 American Literature (3)	
A minimum of 6 units from the following:	6
ENGLT 303 Introduction to the Short Story (3)	
ENGLT 319 Introduction to English Epic Poetry (3)	
ENGLT 330 African American Literature (3)	
ENGLT 339 Postmodern American Fiction (3)	
ENGLT 340 World Literature (3)	
ENGLT 341 World Literature (3)	
ENGLT 345 Mythologies of the World (3)	
ENGCW 400 Creative Writing (3)	
ENGCW 410 Fiction Writing Workshop (3)	
ENGCW 420 Poetry Writing Workshop (3)	
ENGCW 430 CreativeNon-FictionWritingWorkshop (3)	
TOTAL UNITS REQUIRED.....	18

Students are required to:

- Complete a minimum of 19 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework.
- Complete 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- No more than 60 semester units are required.
- A "P" (Pass) grade is not an acceptable grade for courses in the major.

Program Student Learning Outcomes

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

- Analyze poetry, drama, and prose (fiction and non-fiction) based on a knowledge of the fundamental elements of literature.
- Distinguish major literary developments in British and American literature, identifying key authors and their major works, and recognize their historical, cultural, and literary significance.
- Assess relevant opposing views and respond critically to the arguments of others.
- Synthesize relevant material to compose academic essays that support insightful thesis statements with appropriate evidence and that develop arguments with analysis and relevant external sources, all with a concern for audience.
- Evaluate and integrate print and electronic sources in their essays, applying current MLA standards of documentation.

English - Creative Writing (ENGCW)

ENGCW 400 Creative Writing 3 Units

Prerequisite: ENGWR 101 with a grade of "C" or better; eligibility for ENGWR 300.

General Education: AA/AS Area II(b); CSU Area C2

Course Transferable to UC/CSU

Hours: 54 hours LEC

This introductory creative writing course offers writing experience in three or four of the following genres: short story, poetry, creative nonfiction, and script writing. The course includes analysis of literary models, faculty and class critiques of work, and discussion of literary techniques in each of the covered genres. (C-ID ENGL 200)

ENGCW 410 Fiction Writing Workshop 3 Units

Prerequisite: ENGWR 101 with a grade of "C" or better; or placement through the assessment process.; eligibility for ENGWR 300.

General Education: CSU Area C2

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is focused on the craft of fiction writing, with an emphasis on short fiction. Students write short fictional pieces, receive feedback from their peers and the instructor, and analyze fiction written by professional writers.

ENGCW 420 Poetry Writing Workshop 3 Units

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

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course focuses on the craft of poetry writing. Students write a number of poems in a variety of forms, receive feedback on their poetry from their peers and the instructor, and analyze poetry written by professional writers.

ENGCW 430 Creative Non-Fiction Writing Workshop 3 Units

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

Course Transferable to UC/CSU

Hours: 54 hours LEC

This is a creative writing course concentrating on the literary essay. Students will write and critically examine various kinds of creative nonfiction such as memoir, autobiography, prose with poetic elements (prose-poetry), and fact-based or philosophical writing with a definite literary, stylistic component. It also focuses on constructive in-class analysis of personal essays written by students.

ENGCW 452 College Literary Magazine 4 Units

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 instructing the college literary magazine. Students will select, format, and edit manuscripts in the genres of poetry, short fiction, and creative non-fiction. They will also assist in converting accepted manuscripts onto computer discs and in promoting the college literary magazine through various fund raising and advertising activities. Access is provided to computers, laser printer, and other production equipment. A campus literary reading will be presented.

ENGCW 495 Independent Studies in English - Creative Writing 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

ENGCW 499 Experimental Offering in English - Creative Writing .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

English - Education (ENGED)

ENGED 305 Structure of English 3 Units

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

General Education: AA/AS Area II(a)

Course Transferable to CSU

Hours: 54 hours LEC

Designed for prospective teachers or those entering professions requiring strong written language skills, this course is a study of the structure of English grammar systems, especially as they relate to writing. Students will write 2-3 short essays (totaling 2000 words) in which they discuss various aspects of grammar instruction. The class includes the study and practice of traditional and modern grammars, with emphasis on the relationship of grammar to sentence structure. Students will have the opportunity to study the history of the English language, instructional methodologies, and selected issues of language acquisition among the culturally diverse population in California schools. This class meets the CSU, Sacramento, requirement for Liberal Studies majors and is on the list of recommended courses for English majors.

ENGED 320 Service Learning: Tutoring Elementary Students in Reading 3 Units

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

General Education: AA/AS Area III(b); CSU Area E1

Enrollment Limitation: Students are required to show proof of TB clearance and complete a fingerprint clearance through the cooperating school district before they can attend the school site for field work.

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 the entire semester to be trained in tutoring reading. After the first 2-3 weeks of training, students will be assigned to a nearby public elementary school to tutor during school hours, or they may be placed in a before or after school program. At the tutoring site, they will have in-depth practice tutoring elementary children who are reading below grade level. The students will tutor a total of 54 hours. Students will continue to attend the lecture portion of the class throughout the semester in order to receive additional training. This course is one of the two required field experience courses for the CSUS Liberal Studies major, also known as the Teacher Preparation Program. Prior to beginning work in the schools, students may be required to be fingerprinted and must pass a TB test.

ENGED 495 Independent Studies in English - Education 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

ENGED 499 Experimental Offering in English - Education .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

English - Laboratory (ENGLB)

ENGLB 71 Reading and Writing Across the Curriculum .5-3 Units

Prerequisite: None.

Hours: 162 hours LAB

Students receive individualized assistance with their reading and writing assignments across the disciplines. Students may enter the course at any time during the first 8 weeks of the semester and earn either 0.5 or 1 unit per semester. ENGLB 71 may be taken for up to 3 units total, at a rate of .5 or 1.0 unit per semester, until the 3 unit limit is reached. This course is graded pass/no pass.

English - Literature (ENGLT)

ENGLT 303 Introduction to the Short Story 3 Units

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

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

INDIVIDUALIZED ENGLISH INSTRUCTION AT THE FOLSOM CAMPUS AND EL DORADO CENTER

You can improve your English skills in a comfortable, supportive environment. The Reading and Writing Center in Cypress Hall room FL2-239 at the Folsom campus (FLC) and the English Center in room C-213 at the El Dorado Center (EDC) in Placerville offer innovative and quality instruction for all reading and writing levels, from basic through advanced. Individualized instruction and self-paced programs in spelling, vocabulary, reading, and writing are available at both Centers; all classes are graded Pass/No Pass. You earn class credit by completing a specified number of lecture or laboratory hours and an assigned amount of work.

TO TAKE AN INDIVIDUALIZED CLASS:

1. Sign up for the classes you want using the course codes for the specific location.
2. Go to the FLC Reading and Writing Center or the EDC English Center during their regularly scheduled semester hours, and see an English professor or instructional assistant for more information about getting started with your individualized instruction.

THE FLC READING, WRITING, AND MATH CENTER
Call 916-608-6517

THE EDC ENGLISH CENTER
Call 530-642-5686

ENGLT 310 English Literature 3 Units

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

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course involves a close study of significant works of major British authors from the Beowulf poet through Samuel Johnson, with consideration of the important aspects of British literary history. In this course, students will read and analyze numerous literary works relevant to literature as a whole and to British culture in particular, making connections between various literary periods. (C-ID ENGL 160)

ENGLT 311 English Literature 3 Units

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

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course surveys significant works of British authors from the beginning of Romanticism in the Eighteenth Century to the Moderns and Post-Moderns of the Twentieth Century, with consideration of the important aspects of English literary history. In this course, students will read and analyze numerous literary works relevant to literature as a whole and to British culture in particular, making connections between various literary periods. (C-ID ENGL 165)

ENGLT 313 Arthurian and Chivalric Literature 3 Units

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

Advisory: ENGLT 310

General Education: AA/AS Area I

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course involves a survey of English Literature concerning tales of King Arthur and his court and other related chivalric romances. The course considers the history and development of chivalric literature, noting the contributions from French sources and its influences on American sources, but its primary scope focuses on contributions to chivalric literature from British sources such as Malory's "Le Morte D'Arthur," "The Mabinogi," "Sir Gawain and the Green Knight," Tennyson's "Idylls of the King."

ENGLT 319 Introduction to English Epic Poetry 3 Units

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

Advisory: ENGLT 310, 311, and 340

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course involves a study of English Epic poetry, literature too long and too complex to be covered in traditional English literature survey courses. This course reviews the conventions of epic poetry (with a focus on the works by Homer and Virgil), explains the typical structure, devices, and concerns of the epic, and studies the particular development of the English epic with analysis of epic poetry by Spenser, Milton, and Wordsworth (or any other English epic like Beowulf or Tennyson's Idylls of the King). Additionally, this course involves a study of the lives of the poets and of their times to understand themes in their respective works, ultimately to put their poems in an historical context and to recognize their influences on literature and on the world as a whole and to appreciate these poems individually as works of art.

ENGLT 320 American Literature 3 Units

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

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course surveys representative early American literature from approximately 1620 to the Civil War period, approximately 1865. It begins with a consideration of pre-colonial American influences such as Native American oral tradition and European exploration of the Americas, through Colonial literature, to the emergence of a distinctive national literature, the "American Renaissance," "reformism," and the diversity of voices that will continue into modern American literature. (C-ID ENGL 130)

ENGLT 321 American Literature 3 Units

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

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course surveys representative American literature from approximately 1865 (the post-Civil War period) to the present, with consideration of important aspects of American literary history. It begins with the end of the Romantic period and follows the rise of Realism and Modernism. The course may incorporate examples of local color, regionalism, social criticism, naturalism and determinism, and/or works by "Lost Generation" or modernist writers as well as contemporary authors and poets. (C-ID ENGL 135)

ENGLT 330 African American Literature 3 Units

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

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of the most representative African-American writers and periods of African-American Literature from slavery to the present. This comprehensive literary study includes analysis of significant historical and cultural influences.

ENGLT 339 Postmodern American Fiction 3 Units

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

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course analyzes American Fiction (1960-2000) that depicts postmodernism, the radical cultural and intellectual shift that has profoundly altered Western traditional thought and art. Students will gain a more critical awareness of the aesthetic, ideological, and philosophical issues of postmodernism, and understand how traditional assumptions about meaning-making were undermined by doubts about knowledge, perception, and identity. Students from various majors across the curriculum will have the opportunity to explore the important interconnections between literature, cultural studies, philosophy, art, art history, architectural studies, anthropology, sociology, psychology, and physics, all of which intersect in postmodern thought and fiction.

ENGLT 340 World Literature 3 Units

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

General Education: AA/AS Area I; AA/AS Area VI; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course involves a survey of significant masterpieces of Classical, Medieval, and Renaissance literature from the Hebrew Bible to John Milton's *Paradise Lost*. Students will analyze numerous works of literature, comparing ideas across time, place, and culture and making connections between different literary works and between different literary periods. (C-ID ENGL 140)

ENGLT 341 World Literature 3 Units

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

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course involves a survey of significant masterpieces of modern world literature from the middle of the seventeenth century to the present. Students will analyze numerous works of literature, comparing ideas across time, place, and culture and making connections between different literary works and between different literary periods. (C-ID ENGL 145)

ENGLT 345 Mythologies of the World 3 Units

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

General Education: AA/AS Area I; AA/AS Area VI; CSU Area C2; IGETC Area 3B

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 compare and contrast myths from different cultures and analyze various themes, including: the goddess culture, the nature of creation, the dying and reviving god, and the hero's journey. In addition, students will identify Judaeo-Christian themes in various myths and evaluate the myths' psychological applications. From this process, they will gain an understanding of ethnocentrism, ethnicity and racism and the impact of these on the American experience.

ENGLT 360 Women in Literature 3 Units

Prerequisite: ENGWR 101 with a grade of "C" or better; or eligibility for ENGWR 300.

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

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

ENGLT 402 is an intensive, university-level course transferable to both UC and CSU. 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, setting, theme, staging, and critical and directorial interpretation.

ENGLT 370 Children and Literature 3 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area I; CSU Area C2

Course Transferable to CSU

Hours: 54 hours LEC

This course is a survey of the best literature--past and present--created for children and of the criteria for selecting, evaluating, and discussing children's literature. It includes discussion of the history of children's literature and of current issues such as censorship, literacy, and multicultural diversity. The course is intended for prospective K-8 teachers, preschool teachers, early childhood education (ECE) majors, parents, and anyone who is or will be in frequent contact with children. It may include reading to children in a small group setting, which could include an off-campus location.

ENGLT 402 Introduction to Shakespeare and Film 3 Units

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

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

ENGLT 402 is an intensive, university-level course transferable to both UC and CSU. 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, setting, theme, staging, and critical and directorial interpretation.

ENGLT 495 Independent Studies in English - Literature 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

ENGLT 499 Experimental Offering in English - Literature .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

English - Reading (ENGRD)

ENGRD 16 Basic Reading Skills 3 Units

Prerequisite: None.

Advisory: ENGWR 48

Hours: 54 hours LEC

This course is the beginning level class in the FLC reading sequence and is the prerequisite course for ENGRD 110. The class will be taught in lecture format. It is designed to prepare students for the higher level reading skills required in college and in the workplace. Areas of concentration include comprehension skills such as using before, during and after reading strategies, finding the main idea, identifying supporting details and making inferences; basic textbook reading techniques; and vocabulary development.

ENGRD 18 Individualized Reading Skills .5-2 Units

Prerequisite: None.

Hours: 36 hours LEC

This course offers individualized reading instruction modules at a wide range of skill levels, from basic to advanced, designed to help the student improve reading skills in specific areas. Modules assigned will vary according to the student's needs and ability level. Specific skill areas could include: comprehension (stated and implied main idea, major and minor details, inferences, organization, fact from opinion, tone, evaluating arguments), vocabulary development, speed reading, and textbook reading skills. This course is graded on a Pass / No Pass. Students may register up to the 10th week of the semester if the course is not full. Scheduling is flexible, based on the Reading, Writing, Math Center or English Center's hours of operation.

ENGRD 110 Comprehension Strategies and Vocabulary Development For College 3 Units

Prerequisite: ENGRD 16; or placement through the assessment process.

Advisory: ENGLB 71

Hours: 54 hours LEC

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

ENGRD 299 Experimental Offering in English - Reading .5-4 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

ENGRD 310 Critical Reading as Critical Thinking 3 Units

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

Advisory: ENGLB 71 or ENGRD 18

General Education: AA/AS Area II(b); CSU Area A3

Enrollment Limitation: This course is not open to students who have successfully completed a three unit reading class at the ENGRD 200 level.

Course Transferable to CSU

Hours: 54 hours LEC

This course covers the theory and practice of critical reading as critical thinking for successful academic performance. The course emphasizes the following areas: logic and its relation to written text; inductive and deductive reasoning; formal and informal fallacies; academic vocabulary advancement; development of effective and flexible reading rates; proficiency of textual comprehension; identification of rhetorical elements; discernment between factual evidence and opinion; strategic application of these abilities in reading university level texts. This course meets reading competency. One or more hours per week may be required in the Folsom Lake College Reading and Writing Center or English Center.

English - Writing (ENGWR)

ENGWR 39 Basic Writing Skill Development 2 Units

Prerequisite: None.

Hours: 36 hours LEC

This course is the first step, entry-level class in the FLC Writing sequence, and successful completion meets the prerequisite for ENGWR 41. The course provides instruction in improving basic writing skills and includes writing simple, compound and complex sentences as well as composing basic paragraphs. The class is taught in an individualized, modular format, allowing for flexible scheduling of the 36 required hours. The course is graded on a Pass/No Pass basis and students may enroll up to the fourth week of the semester.

ENGWR 41 Writing Skills 4 Units

Prerequisite: ENGWR 39; or placement through the assessment process.

Hours: 72 hours LEC

This writing course will focus on single and multi-paragraph or short essay writing skills. Students will study and practice such things as the writing process, topic sentences, critical thinking, critical reading, creating clear and correct sentences, and developing the skills necessary to write focused, developed, organized paragraphs and short essays. Students will be responsible for writing a total of 2750 words. This course is designed to prepare the student for ENGWR 51.

**ENGWR 46 Individualized Writing Skills
1.5 Units**

Prerequisite: None.

Hours: 27 hours LEC

This class offers personalized writing instruction programs at a wide range of skill levels designed to help the student acquire or improve writing skills in specific areas. Programs assigned will vary according to the student's needs, goals, and ability level. Specific skill areas could include: grammar, punctuation and mechanics, sentence coordination and subordination, topic sentence, paragraph and essay development and organization, thesis statement, and rhetorical modes. This course is graded on a Pass/ No Pass basis. Students may register through the 10th week of the semester. Scheduling is flexible depending on the FLC Reading and Writing Center or EDC English Center hours of operation.

**ENGWR 47 Individualized Spelling Skills
1 Unit**

Prerequisite: None.

Hours: 18 hours LEC

This course offers individualized instruction programs at a wide range of skill levels designed to help the student acquire or improve specific spelling skills. Modules assigned will vary according to student's needs and ability level. Specific skill areas could include: phonics review of long and short vowels, prefixes and suffixes, commonly misspelled words, how to proofread and effectively use spell check, look alike, sound alike words, basic spelling rules. This course is graded on a Pass/ No Pass basis. Students may register through the 10th week of the semester. Scheduling is flexible, based on the FLC Reading, Writing, Math Center or EDC English Center's hours of operation.

**ENGWR 48 Individualized Vocabulary Skills
1.5 Units**

Prerequisite: None.

Hours: 27 hours LEC

Individualized instruction modules at a wide range of skill levels designed to help the student acquire and/or improve written vocabulary skills and usage. Modules assigned will vary according to student's needs and ability level. Specific skill areas could include: using words in context; effective dictionary usage; prefixes, suffixes and roots; job-related, college related and/or other specialized vocabularies. This course is graded on a Pass/No Pass basis. Students may register through the 10th week of the semester. Scheduling is flexible, based on the FLC Reading and Writing Center or EDC English Center's hours of operation.

ENGWR 51 Developmental Writing 4 Units

Prerequisite: ENGWR 41 with a grade of "C" or better; or placement through the assessment process.

Hours: 72 hours LEC

This writing course, designed to prepare students for ENGWR 101, will focus on paragraph and short essay writing. Students will study and practice the writing process, learn to create clear and correct sentences, and develop the skills necessary to write a variety of focused, developed, organized paragraphs and short essays. Level appropriate related readings will help students develop critical thinking skills. Students will be responsible for writing up to five full-process essays as part of a 3000 word writing requirement for this class.

ENGWR 101 College Writing 4 Units

Prerequisite: ENGWR 51 or ESLW 320 with a grade of "C" or better; or placement through the assessment process.

Hours: 72 hours LEC

This writing course, designed 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 per essay).

**ENGWR 299 Experimental Offering in English -
Writing .5-4 Units**

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

ENGWR 300 College Composition 3 Units

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

General Education: AA/AS Area II(a); CSU Area A2; IGETC Area 1A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course offers 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. (C-ID ENGL 100)

ENGWR 301 College Composition and Literature 3 Units

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

General Education: AA/AS Area II(b); AA/AS Area I; CSU Area A3; CSU Area C2; IGETC Area 1B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course offers study and practice in critical reading of and analytical writing about literature. Students read fiction, poetry, drama, nonfiction, and criticism from diverse cultural sources and perspectives. With a minimum of six critical essays totaling 6500 words, and the use of relevant external sources, students analyze, criticize, reason inductively and deductively, and reach evaluative conclusions based on evidence and sound inferences derived from their close readings of literary texts. (C-ID ENGL 120)

ENGWR 302 Advanced Composition and Critical Thinking 3 Units

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

General Education: AA/AS Area II(b); CSU Area A3; IGETC Area 1B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is designed for students who have had ENGWR 300 and who desire further instruction in the techniques of effective critical thinking as expressed in written argument and by the major principles of advanced composition and rhetoric. (C-ID ENGL 105)

ENGWR 495 Independent Studies in English - Writing 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

ENGWR 499 Experimental Offering in English - Writing .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Folsom Lake College English Sequence

Based on the results of my assessment, I place in the following classes:

COMPOSITION

ENGWR 39[^]
Basic Writing Skill Development

ENGWR 41[^]
Writing Skills

ENGWR 51[^]
Developmental Writing

ENGWR 101[^]
College Writing

ENGWR 300[^]
College Composition

ENGWR 301
College Comp. & Literature

AND
/OR

ENGWR 302
Advanced Comp. & Critical Thinking

READING

ENGRD 16[^]
Basic Reading Skills

ENGRD 110[^]
Comprehension Strategies & Vocabulary Development for College

ENGRD 310[^]
Prose Analysis and Interpretation
(meets reading competency; transfers to CSU)

ENGRD 208[^]
Reading for Academic Achievement
(meets reading competency)

INDIVIDUALIZED INSTRUCTION

ENGRD 18
Individualized Reading Skills

ENGWR 46
Individualized Writing Skills

ENGWR 47
Individualized Spelling Skills

ENGWR 48
Individualized Vocabulary Skills

ENGLB 71
Reading & Writing Across the Curriculum
(supplement to any English course)

Education Classes
Classes transfer to CSU; check with a counselor for more information.

ENGED 305
Structure of English

ENGED 320
Service Learning: Tutoring Elementary Students in Reading

Creative Writing Classes
All classes transfer to CSU and/or UC; check with a counselor for more information.

ENGCW 400
Creative Writing

ENGCW 420
Poetry Writing Workshop

ENGCW 410
Fiction Writing Workshop

ENGCW 452
College Literary Magazine

ENGCW 430
Creative Non-Fiction Writing Workshop

Literature Classes
All classes transfer to CSU and/or UC; check with a counselor for more information.

ENGLT 303
Intro to the Short Story

ENGLT 310/311
English Lit

ENGLT 313
Arthurian and Chivalric Literature

ENGLT 319
Intro to English Epic Poetry

ENGLT 320/321
American Lit

ENGLT 330
African American Lit

ENGLT 339
Postmodern American Fiction

ENGLT 340/341
World Lit

ENGLT 345
Myth of the World

ENGLT 360
Women in Lit

ENGLT 370
Children and Lit

ENGLT 402
Intro to Shakespeare & Film

KEY:
^ = Eligibility is determined by Assessment process
Speak with a Counselor for the latest transfer information
All Creative Writing courses and Literature classes (except ENGLT 370) have eligibility for ENGWR 300 as a prerequisite.

Signature

Date

Student ID#

NOTE: Current as of March 2014; subject to change

English as a Second Language

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Folsom Lake College offers courses in ESL designed to provide students with the command of the English language necessary to pursue both transfer level and vocational courses. Students can enter with virtually no knowledge of English and progress to an extremely proficient level.

Career Options

Command of the English language is critical in any career choice

Highlights

- Well-trained, dedicated staff
- Wide range of practical course offerings designed to facilitate entry into other programs
- Curriculum of interest to international students

ESL - English as a Second Language (ESL)

ESL 90 Language Skills Laboratory .5-1 Units

Prerequisite: None.

Hours: 54 hours LAB

This is a laboratory course designed to enable students to focus on specific English language skills through interaction with tutors, faculty, and computer software programs. This class is recommended for ESL students at any level who need further, focused attention to very specific skills including, but not limited to pronunciation, grammar, vocabulary development and spelling. Students may enter the course at any time during the first 9 weeks of the semester and earn either 0.5 or 1 unit. This course is graded on a pass/no pass basis.

ESL 91 Beginning Independent Lab .5-4 Units

Prerequisite: None.

Hours: 216 hours LAB

This course provides individualized, self-paced, and/or small group instruction to non-native English speakers at the beginning levels. A variety of self-study materials are available on such topics as grammar, composition, reading, vocabulary, listening, pronunciation, study skills, and workplace skills to develop and reinforce the use of the English language. Students may register until the end of the ninth week of the semester if space allows. This course is pass/no pass and is not a substitute for other ESL courses. Students must complete 27 hours of work to earn 0.5 units of credit. This course may be taken for up to 4 units total, at a rate of .5 or 1.0 unit per semester, until the 4 unit limit is reached.

ESL 92 ESL Center: Intermediate Independent Lab .5-4 Units

Prerequisite: None.

Hours: 216 hours LAB

This course provides individualized, self-paced, and/or small group instruction to non-native English speakers at the intermediate levels. A variety of self-study materials are available on such topics as grammar, composition, reading, vocabulary, listening, pronunciation, study skills, and workplace skills to develop and reinforce the use of the English language. Students may register until the end of the ninth week of the semester if space allows. This course is pass/no pass and is not a substitute for other ESL courses. Students must complete 27 hours of work to earn 0.5 units of credit. This course may be taken for up to 4 units total, at a rate of .5 or 1.0 unit per semester, until the 4 unit limit is reached.

ESL 299 Experimental Offering in English as a Second Language .5-4 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

ESL - Grammar (ESLG)

ESLG 50 Intermediate-Mid Grammar 4 Units

Prerequisite: ESLW 40 (Intermediate-Low Writing) with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Advisory: ESLL 50, ESLR 50, and ESLW 50

Hours: 72 hours LEC

This is a course for non-native speakers at the intermediate-mid level, which focuses on the fundamental grammatical structures of English. Students will develop skill and accuracy in using grammatical structures in appropriate contexts. There will be opportunities for oral and written practice with an emphasis on sentence structure and verb tenses.

ESLG 86 Verb Tense and Aspect 2 Units

Prerequisite: ESLR 40 and ESLW 40 with grades of "C" or better; or placement through the assessment process.

Hours: 36 hours LEC

This 2-unit elective course provides an overview of the English verb system. Students will learn the 12 active voice verb structures and their meanings. Intensive practice will be given in choosing appropriate verb "tenses" for different purposes. Students will also learn how various kinds of verbs affect sentence structure.

ESLG 299 Experimental Offering in English as a Second Language - Grammar .5-4 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

ESLG 310 Intermediate-High Grammar 4 Units

Prerequisite: ESLG 50 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Advisory: ESLL 310, ESLR 310, and ESLW 310

Course Transferable to CSU

Hours: 72 hours LEC

This is a course for non-native speakers of English, which focuses on further practice of the forms, meanings, and usage of grammatical structures of English at the intermediate-high level. Students will develop skill and accuracy in using grammatical structures of English. There will be opportunities for oral and written practice with an emphasis on sentence structure, verb tenses, and dependent clauses.

ESLG 320 Advanced-Low Grammar 4 Units

Prerequisite: ESLG 310 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios district, placement through the LRCCD ESL assessment process.

Advisory: ESLR 320 and ESLW 320

Course Transferable to CSU

Hours: 72 hours LEC

This course focuses on the forms and meanings of major structures used in writing at the Advanced-Low level with an emphasis on clause structure. Oral practice reinforces the structures studied. Students practice writing extensively, both in and out of class. Assignments emphasize sentence structure in the context of longer written work.

ESL - Listening (ESLL)

ESLL 20 Novice Listening and Speaking 4 Units

Prerequisite: None.

Corequisite: ESL 91

Advisory: ESLR 20 and ESLW 20; one year of adult school and concurrent enrollment in ESL Reading and Writing courses at the student's assessed levels are highly recommended.

Hours: 72 hours LEC

This is a course in listening comprehension and basic conversation for non-native English speakers at the novice level. Students will develop the skills required for basic communication, such as dates, time, weather, food, family etc. Students will learn the sounds of English and be introduced to the stress and intonation patterns of American English. Communication will be comprehensible to a sensitive listener accustomed to interacting with non-native speakers.

ESLL 30 Novice-High Listening and Speaking 4 Units

Prerequisite: ESLL 20 with a grade of "C" or better; or placement through the assessment process.; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Corequisite: ESL 91

Advisory: ESLR 30 and ESLW 30

Hours: 72 hours LEC

This is a course in listening comprehension and practical conversation for non-native English speakers who plan to take college courses. Students will build on their basic communication skills exploring topics such as family, education, travel, health etc. They will learn to recognize and produce the sounds in American English, stress, rhythm, and intonation patterns.

ESLL 40 Intermediate-Low Listening and Speaking 4 Units

Prerequisite: ESLL 30 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Corequisite: ESL 92

Advisory: ESLR 40 and ESLW 40

Hours: 72 hours LEC

This is an intermediate level course in listening comprehension and conversation for non-native English speakers. Students will focus on developing phrases and sentences to communicate their ideas in familiar situations. The course includes group and individual listening and speaking activities, an overview of American English sounds, and practice in stress, rhythm, and intonation.

ESLL 50 Intermediate-Mid Listening and Speaking 4 Units

Prerequisite: ESLL 40 with a grade of "C" or better; ESLL 40 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Corequisite: ESL 92

Advisory: ESLG 50, ESLR 50, and ESLW 50

Hours: 72 hours LEC

This is a course in listening comprehension and conversation for non-native English speakers at the intermediate level. Students will understand and be understood in both familiar and unfamiliar situations. Students will be introduced to academic listening and speaking activities and will continue to work on pronunciation skills.

ESLL 299 Experimental Offering in English as a Second Language - Listening .5-4 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

ESLL 310 Intermediate-High Listening and Speaking 4 Units

Prerequisite: ESLL 50 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Advisory: Concurrent enrollment in an ESL Reading and Writing course at the student's assessed level.

Course Transferable to CSU

Hours: 72 hours LEC

This is a course for non-native English speakers at the intermediate-high level designed to further practice and develop listening and speaking for academic purposes, including comprehension of lectures, note-taking, and classroom discussion. This course covers a review of American English sounds with emphasis on understanding and producing stress, rhythm, and intonation patterns to communicate effectively.

ESL - Pronunciation (ESLP)**ESLP 85 Pronunciation 2 Units**

Prerequisite: ESLL 40 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Hours: 36 hours LEC

This elective course is designed for non-native English-speaking 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 American English, syllables and stress, and sentence rhythm.

ESL - Reading (ESLR)**ESLR 20 Novice Reading 4 Units**

Prerequisite: None.

Corequisite: ESL 91

Advisory: ESLL 20 and ESLW 20; Advise adult school before taking ESLR 20.

Hours: 72 hours LEC

This is a reading course for non-native English speakers at the novice level. It introduces students to reading words, phrases and short sentences in passages. Students will learn word forms, spelling rules, phonetics and basic grammar in the context of reading passages. They will work on vocabulary building, basic comprehension skills and reading speed.

ESLR 30 Novice-High Reading 4 Units

Prerequisite: ESLR 20 with a grade of "C" or better; or placement through the assessment process.

Corequisite: ESL 91

Advisory: ESLL 30 and ESLW 30

Hours: 72 hours LEC

ESLR 30 is a reading course for non-native speakers at the novice-high level. This course focuses on reading words, phrases, and sentences in texts. Students will develop reading skills and strategies, increase their core vocabulary, study spelling rules, phonetics, word forms and grammar necessary to understand short readings.

ESLR 40 Intermediate-Low Reading 4 Units

Prerequisite: ESLR 30 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Corequisite: ESL 92

Advisory: ESLL 40 and ESLW 40

Hours: 72 hours LEC

This is a four-unit course for non-native English speakers at the intermediate-low level. This course focuses on developing reading skills with an emphasis on building vocabulary, literal comprehension, and fluency. Students will discuss and write about readings.

ESLR 50 Intermediate-Mid Reading 4 Units

Prerequisite: ESLR 40 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Corequisite: ESL 92

Advisory: ESLG 50, ESLL 50, and ESLW 50

Hours: 72 hours LEC

This is a reading course for non-native English speakers at the intermediate-mid level. This course focuses on the introduction of academic reading skills, with an emphasis on vocabulary development, literal comprehension, and dictionary skills. Students practice critical thinking skills to understand, analyze, discuss, and write responses to ideas expressed in reading

ESLR 310 Intermediate-High Reading 4 Units

Prerequisite: ESLR 50 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Advisory: ESLG 310, ESLL 310, and ESLW 310

Course Transferable to CSU

Hours: 72 hours LEC

This course focuses on developing academic skills at the intermediate-high level with emphasis on speed, vocabulary expansion, and comprehension of ideas. This course also introduces students to library use. Students will use critical thinking skills to understand, paraphrase, summarize, and respond orally, as well as in writing, to ideas expressed in fiction and non-fiction readings.

ESLR 320 Advanced-Low Reading 4 Units

Prerequisite: ESLR 310 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Advisory: ESLW 320

Course Transferable to CSU

Hours: 72 hours LEC

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

ESLR 499 Experimental Offering in English as a Second Language - Reading .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

ESL - Writing (ESLW)

ESLW 20 Novice Writing 4 Units

Prerequisite: None.

Corequisite: ESL 91

Advisory: ESLL 20 and ESLR 20; one year of adult school and concurrent enrollment in ESL Reading and Listening/Speaking courses at the student's assessed levels are highly recommended.

Hours: 72 hours LEC

ESLW 20 is a writing course for non-native English speakers at the novice level. This course is an introduction to writing in English. Students write about familiar topics focusing on the structure of English sentences including parts of speech and word order. Emphasis is on the production of clear, basic written sentences using common everyday vocabulary. Question formation is also demonstrated and practiced. By the end of the semester, students will be able to write simple sentences using correct grammar.

ESLW 30 Novice-High Writing 4 Units

Prerequisite: ESLW 20 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Corequisite: ESL 91

Advisory: ESLL 30 and ESLR 30

Hours: 72 hours LEC

ESLW 30 is a course for non-native English speakers at the novice-high level. It will enable students to progress from writing simple sentences to writing narrative and descriptive paragraphs on topics related to their everyday life and experience.

ESLW 40 Intermediate-Low Writing 4 Units

Prerequisite: ESLW 30 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Corequisite: ESL 92

Advisory: ESLL 40 and ESLR 40

Hours: 72 hours LEC

This is a course for non-native speakers of English at the intermediate-low level which focuses on writing paragraphs with a clear beginning, middle, and end while developing correct sentence structure. Students learn to use critical thinking skills and level-appropriate grammar in their writing. By the end of the semester, students are able to write multiple paragraphs.

ESLW 50 Intermediate-Mid Writing 4 Units

Prerequisite: ESLW 40 with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Corequisite: ESL 92

Advisory: ESLG 50, ESLL 50, and ESLR 50

Hours: 72 hours LEC

This is a course for non-native speakers at the intermediate-mid level which focuses on the development of paragraph writing in a variety of rhetorical modes through guided writing and practice. By the end of the semester, students will progress to writing multi-paragraph essays. Students will learn techniques essential to essay writing. They will continue to develop sentence structure in longer pieces of writing.

ESLW 85 Parts of Speech 2 Units

Prerequisite: ESLR 40 and ESLW 40 with grades of "C" or better; or placement through the assessment process.

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.

ESLW 86 Spelling 2 Units

Prerequisite: ESLR 40 and ESLW 40 with grades of "C" or better; or placement through the assessment process.

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 to recognize and differentiate homophones, suffixes, and plurals. Students will develop competence in the ability to spell.

ESLW 310 Intermediate-High Writing 4 Units

Prerequisite: ESLW 50 (Intermediate-Low Writing) with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Advisory: ESLG 310, ESLL 310, and ESLR 310

Course Transferable to CSU

Hours: 72 hours LEC

In this course, students at the intermediate-high level will develop their ability to respond to a variety of essay assignments. They will use the writing process to produce developed, organized, and unified essays. They will practice critical thinking skills through class discussion and written response to readings. They will refine their ability to control a range of grammatical structures.

ESLW 320 Advanced-Low Writing 4 Units

Prerequisite: ESLW 310 with a grade of "C" or better; ESLW 310 (Low-Advanced Writing) with a grade of "C" or better; or, for those students not previously enrolled in ESL courses within the Los Rios District, placement through the LRCCD ESL assessment process.

Course Transferable to CSU

Hours: 72 hours LEC

In this course, students will use critical thinking skills and the writing process to produce a variety of focused, developed, and organized essays. The course emphasizes sentence variety and the mechanics of English in the context of the essay. Essays will incorporate outside sources as well as personal experience.

ESLW 499 Experimental Offering in English as a Second Language - Writing .5-4 Units

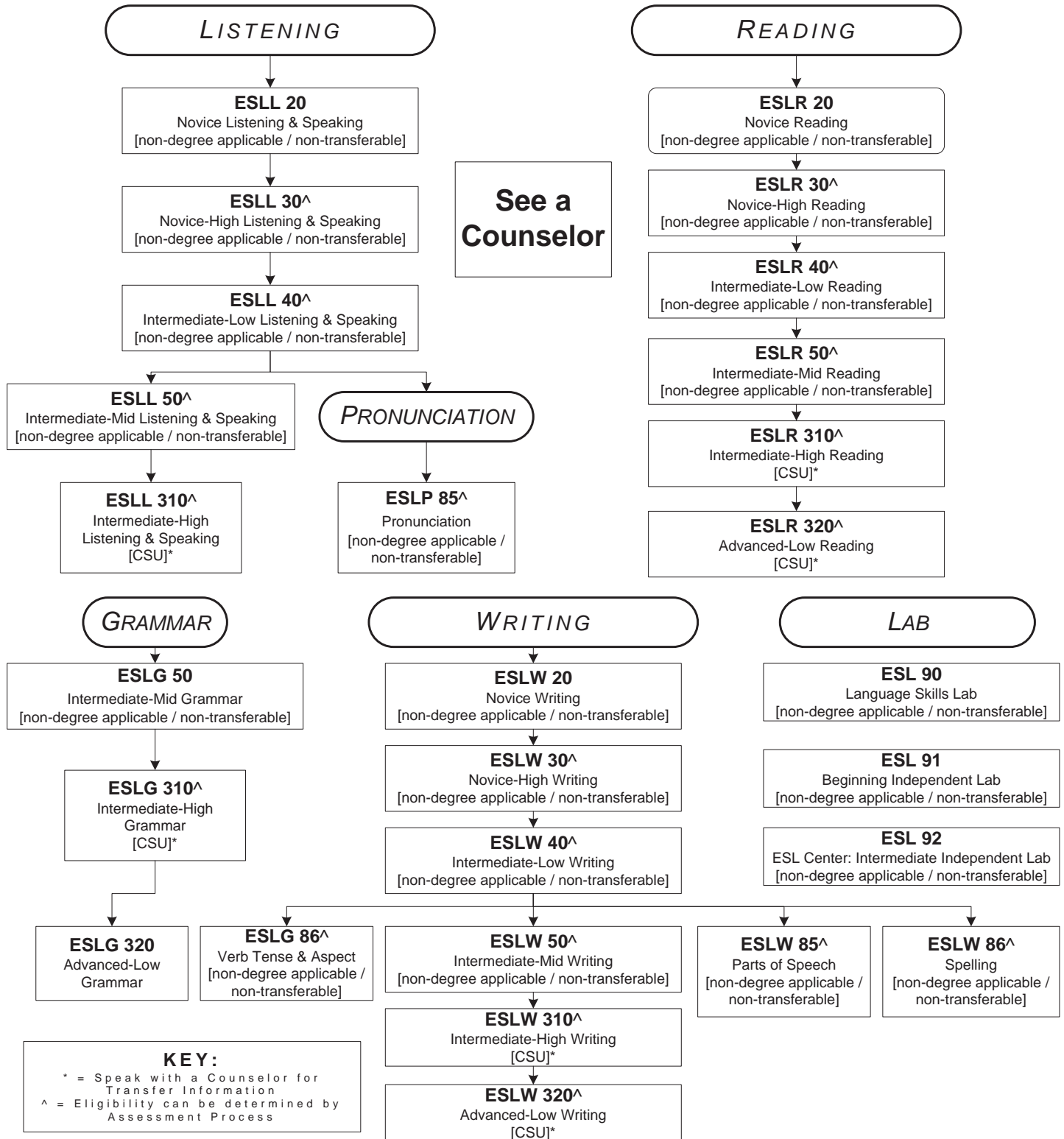
Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

FOLSOM LAKE COLLEGE ENGLISH AS A SECOND LANGUAGE (ESL) SEQUENCE

Based on the results of my assessment, I place in the following classes:



KEY:

* = Speak with a Counselor for Transfer Information
 ^ = Eligibility can be determined by Assessment Process

Signature

Date

Student ID#

NOTE: Current as of March 2014; subject to change

Environmental Technology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Folsom Lake College offers courses in environmental technology (ENVT) for two purposes: 1) as part of the Water and Wastewater Management certificate programs, and 2) to provide foundational content to students interested in environmental protection, sustainability, regulatory compliance and workplace safety and health applications. Due to the college's emphasis on water-related certificate programs, many of the ENVT course offerings pertain to the occurrence, conveyance, and treatment of water and/or wastewater. Students interested in completing certificates in Water and/or Wastewater Management programs should refer to those sections of this catalog. Students pursuing study in environmental technology, environmental studies, sustainability, natural resources and related fields may continue their studies at other two- or four-year institutions. Students completing degrees in these and related disciplines may be employed by businesses and governmental agencies that require a knowledge of techniques for storage, treatment, transport and disposal of hazardous materials, a basic understanding of the chemical and biological phenomena which underlie environmental protection, and an understanding of environmental health and safety. Technicians may be employed in remediation, monitoring, compliance or environmental information applications.

NOTE

- For information on the Wastewater Management and Water Management certificate programs, see those sections of the catalog.

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 college or university program.

Highlights

- Broad-based field with applications ranging from recordkeeping to pollution cleanup to emergency response.
- A wide variety of water-related courses offered as part of the Water and Wastewater Management certificate programs.

Environmental Technology (ENVT)

ENVT 304 Environmental Biology 3 Units

Same As: BIOL 350

Prerequisite: None.

General Education: AA/AS Area IV; CSU Area B2; IGETC Area 5B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides an overview of ecosystems and natural resources. Major topics covered include scientific methods, data interpretation, ecological principles, ecosystem functioning, conservation biology, resource use (including historical and cultural values) and management, and human-caused environmental impacts (e.g. pollution). This course provides the background needed to understand major global and regional issues such as acid rain, global warming, hazardous waste disposal, deforestation, ecological sustainability, and endangered species recovery. ENVT 304 is a general education course that is especially useful for Environmental Technology, Environmental Sciences, Ecology, Recreation, Education, and Political Science majors. This course is the same as BIOL 350. You cannot enroll in this course if you have passed BIOL 350. Field trips, attendance at public meetings, and/or a semester project may be required.

ENVT 350 Water Resources 4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

This course provides an overview of water resources including aspects of the chemistry, geography, and biology of aquatic systems. Water laws and the ecotoxicology of water resources will also be discussed. Students will learn to use basic sampling and analysis methods to assess water resources. Students will be expected to conduct lab work, some of which may be outdoors. The class is useful for students interested in Environment Science, Environmental Technology, Geography, Natural Resource Management, and Biology. This class is not intended for students training as water treatment plant operators.

ENVT 350.1 Fundamentals of Water Resources 1 Unit

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC

This course provides an overview of water resources including aspects of the chemistry, geography, and biology of aquatic systems. Topics include hydrologic cycle, ocean resources, freshwater systems, and groundwater. Water laws and regulations are also discussed. The class is useful for students interested in Environmental Science, Environmental Technology, Geography, Natural Resource Management, and Biology. (The class is not intended for students training as water treatment plant operators.)

ENVT 350.2 Groundwater Resources 1.5 Units

Prerequisite: None

Advisory: ENVT 350.1.

Course Transferable to CSU

Hours: 18 hours LEC ; 27 hours LAB

This course provides an overview of groundwater resources. The structure of aquifers including groundwater recharge, storage, and flow is discussed. Students will analyze the impacts of groundwater withdrawal and contamination. Students will learn to use basic sampling and analysis methods used to assess groundwater systems. The remediation of contaminated groundwater will be discussed. Students will be expected to conduct lab work; some of this may be outdoors. The class is useful for students interested in Environmental Science, Environmental Technology, Geography, Natural Resource Management, and Biology. A basic knowledge of water resources is assumed before beginning the course. The class is not intended for students training as water treatment plant operators.

ENVT 350.3 Surface Freshwater Resources 1.5 Units

Prerequisite: None

Advisory: ENVT 350.1.

Course Transferable to CSU

Hours: 18 hours LEC ; 27 hours LAB

This course provides an overview of surface water resources including lakes, streams, and wetlands. The general characteristics of these ecosystems will be discussed with an emphasis on the biology of these systems. Students will learn to use basic sampling and analysis methods used to assess freshwater systems. The ecotoxicology and clean up of contaminated surface water will be discussed. Students will be expected to conduct lab work, some of which may be outdoors. The class is useful for students interested in Environmental Science, Environmental Technology, Geography, Natural Resource Management, and Biology. A basic knowledge of water resources is assumed before beginning the course. The class is not intended for students training as water treatment plant operators.

ENVT 351 Math for Water and Wastewater Operators 3 Units

Prerequisite: None.

Advisory: CHEM 305 and MATH 120

Course Transferable to CSU

Hours: 54 hours LEC

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

ENVT 352 Water Resource Management 1.5 Units

Prerequisite: None

Advisory: ENVT 350.1.

Course Transferable to CSU

Hours: 18 hours LEC ; 27 hours LAB

This course provides an overview of managing potable and waste water supply with respect to use. Topics include water resource demand, the soil/ water relationship and water quality. Water treatment laws and regulation will also be discussed. Students learn the basic sampling and analysis methods to assess quality and application issues. Students are expected to conduct lab work, some of which will be outdoors. This class is useful for students interested in Environmental Science or Technology, Natural Resource Management and Biology. This class is not intended for students training as water treatment plant operators.

ENVT 353 Science for Water and Wastewater Operators 4 Units

Prerequisite: None.

Advisory: ENVT 351

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

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

ENVT 354 Waste Water Management: Basic Instrumentation and Electrical Controls 4 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

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

ENVT 355 Introduction to Water, Wastewater and Recycled Water Management 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

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

ENVT 356 Wastewater Operations and Maintenance I 3 Units

Prerequisite: None.

Advisory: ENVT 351

Course Transferable to CSU

Hours: 54 hours LEC

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

ENVT 357 Wastewater Operations and Maintenance II 3 Units

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

Course Transferable to CSU

Hours: 54 hours LEC

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

ENVT 358 Water Treatment Operation and Maintenance I 3 Units

Prerequisite: None.

Advisory: ENVT 351 and 355

Course Transferable to CSU

Hours: 54 hours LEC

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

ENVT 359 Water Treatment Operation and Maintenance II 3 Units

Prerequisite: ENVT 358 with a grade of "C" or better
Course Transferable to CSU

Hours: 54 hours LEC

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

ENVT 360 Water Distribution Operation and Maintenance 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

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

ENVT 361 Wastewater Collection Systems Operation and Maintenance 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

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

ENVT 495 Independent Studies in Environmental Technology 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

ENVT 498 Work Experience in Environmental Technology 1-4 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity or job related to career goals.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

ENVT 499 Experimental Offering in Environmental Technology .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Family and Consumer Science

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Folsom Lake College course offerings in Family & Consumer Science are designed primarily to provide knowledge and skills in the areas of child development and family development. Students planning to transfer should consult with a counselor and/or specific college catalog for transfer, major and general education course work.

Career Options

Early Care and Education; Education; Pediatric; Instructional Assistant; Counseling; Child Psychology; Social Work

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

Highlights

- Strong support for the Early Childhood Education program
- Opportunities for transfer level instruction
- Professional and innovative staff

FCS 495 Independent Studies in Family and Consumer Science 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

FCS 499 Experimental Offering in Family and Consumer Science .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Family and Consumer Science (FCS)

FCS 324 Human Development: A Life Span 3 Units

Same As: PSYC 370

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area V(b); AA/AS Area III(b); CSU Area D9; CSU Area E1; IGETC Area 4I

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides an overview, from developmental and psychological perspectives, of human development from conception through death, including biological and environmental influences. Theories and research of physical, cognitive, personality, and social development are examined, as well as attention to developmental problems. This course is designed to fulfill General Education, Nursing and Psychology degree requirements. This course is not open to those who have previously completed PSYC 370.

Fire Technology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AS – Fire Technology

CERTIFICATE OF ACHIEVEMENT
Fire Technology

Careers in Fire Technology are dynamic, team-oriented, and challenging. The Fire Technology degree/certificate program at Folsom Lake College is designed to prepare students for fire service careers, either in the public or private sectors, upgrade skills for fire professionals in their present positions or prepare career-focused fire professionals for promotional opportunities. Courses focus on demonstrating safety and efficiency in emergency and fire situations, analyzing the causes of fires and how to fight them, applicable laws, regulations and codes, building construction types and conditions associated with structural collapse and firefighter safety, and understanding fire detection and suppression systems. Fire service history, culture and diversity are also covered to educate you in all aspects of the firefighter career path.

Career Options

Firefighter; Inspector; Investigator; Plan Checker; Supervisor; Manager; Training Officer

Highlights

- Curriculum is relevant for careers in federal, state, county or municipal fire service organizations.
- Broad foundational training in proactive prevention, personal safety practices, and fire protection programs.
- Internships and work experience opportunities so students can evaluate employment opportunities.

DEGREE

AS – Fire Technology

REQUIRED PROGRAM.....	Units
FT 300 Fire Protection Organization.....	3
FT 301 Fire Prevention Technology	3
FT 302 Fire Protection Equipment & Systems	3
FT 303 Building Construction for Fire Protection	3
FT 304 Fire Behavior & Combustion	3
FT 305 Firefighter Safety & Survival	3
A minimum of 12 units from the following:	12
FT 110 Fire Apparatus (3)	
FT 170 Fire Investigation (3)	
FT 190 Fire Tactics and Strategy (3)	
FT 192 Wildland Fire Control (3)	
FT 310 Fire Service Hydraulics (3)	
FT 498 Work Experience in Fire Technology (1-4)	
EMT 100 Basic Emergency Medical Care (7)	
TOTAL UNITS REQUIRED.....	30

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

Program Student Learning Outcomes

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

- Evaluate employment opportunities and successfully place students as fire fighters with local fire agencies.
- Evaluate proactive prevention and fire protection programs as they pertain to life and property within the fire service.
- Apply personal safety practices which demonstrate an understanding of personal safety practices in the fire fighting industry.
- Identify and describe the physical processes of fire and combustion.
- Practice wildland firefighting skills and techniques as they pertain to the wildland and urban interface in California.

CERTIFICATE OF ACHIEVEMENT**Fire Technology**

REQUIRED PROGRAM.....	Units
FT 300 Fire Protection Organization.....	3
FT 301 Fire Prevention Technology	3
FT 302 Fire Protection Equipment & Systems	3
FT 303 Building Construction for Fire Protection	3
FT 304 Fire Behavior & Combustion	3
FT 305 Firefighter Safety & Survival	3
TOTAL UNITS REQUIRED.....	18

For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041100C01>

Program Student Learning Outcomes

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

- Evaluate employment opportunities and successfully place students as fire fighters with local fire agencies.
- Evaluate proactive prevention and fire protection programs as they pertain to life and property within the fire service.
- Apply personal safety practices which demonstrate an understanding of personal safety practices in the fire fighting industry.
- Identify and describe the physical processes of fire and combustion.
- Practice wildland firefighting skills and techniques as they pertain to the wildland and urban interface in California.

Fire Technology (FT)**FT 110 Fire Apparatus 3 Units**

Prerequisite: None.

Hours: 54 hours LEC

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

FT 170 Fire Investigation 3 Units

Prerequisite: None.

Hours: 54 hours LEC

This course introduces students to the implications of accidental, suspicious, and incendiary causes of fire and examines arson as a crime. Students will analyze the behavior, nature, and chemistry of fire; the methods used in documenting, gathering, and interpreting evidence at a crime scene; proper note taking, report writing, court procedures, and courtroom presentation; the techniques of interviewing witnesses and suspects; and detention procedures for adults and juveniles.

FT 190 Fire Tactics and Strategy 3 Units

Prerequisite: None.

Hours: 54 hours LEC

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

FT 192 Wildland Fire Control 3 Units

Prerequisite: None.

Hours: 54 hours LEC

This course covers fundamental components of wildland firefighting. Topics include firefighter safety and survival in the wildland environment, fundamental wildland fire behavior as it relates to weather, fuel, and topography, and wildland firefighting tactics and strategies.

FT 300 Fire Protection Organization 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

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

FT 301 Fire Prevention Technology 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

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

FT 302 Fire Protection Equipment and Systems 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

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

FT 303 Building Construction for Fire Protection 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course addresses the components of building construction that relate to the fire service. Specific focus is on elements of construction and the design of structures that are shown to be key factors when inspecting buildings, pre-planning fire operations and emergency operations at fires. Topics include wood, masonry, steel, and concrete construction, principles of fire and smoke growth, and fire resistance construction, the relationship between building types and Urban Search & Rescue Team capacity and Wildland/Urban Interface building requirements.

FT 304 Fire Behavior and Combustion 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course explores the theories and fundamentals of how and why fires start, spread, and are controlled. Topics include fire chemistry and physics, combustion processes, extinguishing agents, hazardous materials, and fire control strategies and tactics in various environments.

FT 305 Firefighter Safety and Survival 3 Units

Prerequisite: None.

Advisory: FT 300

Course Transferable to CSU

Hours: 54 hours LEC

This course introduces the principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services profession. Emphasis is placed on occupational health and safety of firefighters and both personal and organizational accountability. Topics include safety, risk management, medical and fitness standards, industry standards relating to vehicle operation and road scene safety, firefighter fatality case studies and analysis. The course emphasizes best safety practices before, during and after the emergency incident.

FT 310 Fire Service Hydraulics 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

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

FT 498 Work Experience in Fire Technology**1-4 Units**

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to fire technology. Students are advised to consult with the Fire Technology faculty to review specific certificate and degree work experience requirements.

Course Transferable to CSU

Hours: 316 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill 16 hours of class time and 75 hours of related paid work experience, or 60 hours of unpaid work experience for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken again when there is new or expanded learning on the job for a maximum of 16 units.

French

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Folsom Lake College offers elementary and intermediate courses in French designed to provide students with the ability to understand basic conversations, to speak with reasonable fluency, and to write at their speaking level. It offers students the necessary skills to pursue advanced transfer level courses.

French, along with English, is the official working language of: the United Nations, UNESCO, NATO, OECD (Organization for Economic Cooperation and Development), the International Labor Bureau, the International Olympic Committee, the 31-member Council of Europe, the European Community, the Universal Postal Union, the International Red Cross, and the UIA (Union of International Associations). French is the dominant working language at: the European Court of Justice, the European Tribunal of First Instance, the Press Room at the European Commission, and CERN (European Centre for Nuclear Research). French is the foreign language spoken by our largest trading partner (Canada).

Career Options

Airlines/Travel; Banking; Bilingual Education/Teacher's Aide; Bilingual Telecommunications; Emergency Services; Fashion and design; Foreign Language Teacher; Foreign Service; Import & Export; Intelligence/Military Service; International Business; International Law; IRS/State Franchise Tax Board; Homeland Security; Overseas Employment: Business & Commerce; Pharmaceutical; Social Security Officer; Social Service; Software and computer science; Translating & Interpreting; Tourism

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

Highlights

- Multimedia, interactive language lab with Internet capabilities
- Internationally trained faculty and staff
- Native speaker faculty

Native speakers who have high-school-equivalent reading and writing skills in their native language should enroll in the 411 level course (or above) of their native language.

French (FREN)

FREN 401 Elementary French 4 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C2; IGETC Area 6

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is the first semester introduction to the French language. It is designed for beginning students with little or no previous exposure to the language. It is characterized by the ability to understand and produce appropriate responses in high-frequency situations utilizing learned material. Speaking and writing will be comprehensible to a sympathetic listener used to communicating with non-native speakers.

FREN 402 Elementary French 4 Units

Prerequisite: FREN 401 (with a grade of 'C' or better) or two years of high school French (with a grade of 'C' or better).

General Education: AA/AS Area I; CSU Area C2; IGETC Area 6

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is the second semester of elementary French. It provides refinement of skills introduced in FREN 401. It is characterized by increased grammatical accuracy and ability to understand and produce appropriate responses in high-frequency situations utilizing learned material. Speaking and writing will be comprehensible to a sympathetic listener used to communicating with non-native speakers.

FREN 411 Intermediate French 4 Units

Prerequisite: FREN 402 with a grade of "C" or better; or three years of high school French.

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B; IGETC Area 6

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is the first semester Intermediate French. It provides refinement of skills attained in 402. Students will work toward the ability to create with the language without relying on learned responses, to understand main ideas in routine speech and to understand main ideas in written texts.

FREN 412 Intermediate French 4 Units

Prerequisite: FREN 411 with a grade of "C" or better; or four years of high school French.

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B; IGETC Area 6

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is the second semester of Intermediate French. It provides continued development of skills attained in French 411. Students will develop the ability to handle complicated situations using past, present and future time frames. Students will continue to learn more complex grammatical structures enabling them to formulate hypotheses, express doubt and uncertainty, speculate and express opinions. Emphasis will be on culturally authentic reading and writing through the introduction of basic literary analysis.

FREN 495 Independent Studies in French**1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

FREN 499 Experimental Offering in French**.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

General Education Transfer

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

CERTIFICATES OF ACHIEVEMENT

CSU General Education
Intersegmental General Education
Transfer Curriculum (IGETC)

CERTIFICATE OF ACHIEVEMENT CSU General Education Certificate

REQUIRED PROGRAM

Students must complete a minimum of 39 units used to satisfy the CSU General Education requirements, which are listed in the Folsom Lake College catalog. Students are encouraged to consult with a counselor in choosing the courses used to fulfill the required program.

This Certificate of Achievement is designed for students planning to transfer to a California State University (CSU) campus. Completion of this certificate ensures that the student has met the lower division General Education requirements for all CSU campuses. Please note that although obtaining this certificate will ensure that the requirements for GE certification are met, students needing official GE certification will need to work with a counselor to complete the appropriate form.

Program Student Learning Outcomes

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

- Make sound decisions to improve personal and environmental well-being through the analysis of scientific information.
- Implement appropriate method of inquiry used by social and behavioral sciences.
- Demonstrate civic responsibility as an informed citizen knowledgeable about historical events, current issues, and government structures relevant to community, state, national and global issues.
- Demonstrate an appreciation for and understanding of the complexity of artistic and cultural expression through the ages by supporting the arts to enhance our community.
- Apply systematic methods of problem-solving, comparative analysis, and creative decision-making in order to communicate effectively and efficiently in a variety of oral and written contexts.

- Gather and assess information from a variety of sources to inform decision-making in personal, social, academic, or professional contexts.

CERTIFICATE OF ACHIEVEMENT Intersegmental General Education Transfer Curriculum (IGETC) Certificate

REQUIRED PROGRAM

Students must complete a minimum of 34 units used to satisfy the IGETC certification requirements, which are listed in the Folsom Lake College catalog. Students are encouraged to consult with a counselor in selecting courses used to fulfill the required program.

This Certificate of Achievement is designed for students planning to transfer to either a California State University (CSU) or a University of California (UC) campus. Completion of this certificate ensures that a student has met the lower division General Education/Breadth requirements for all CSU and UC campuses. Please note that although obtaining this certificate will ensure that the requirements for GE certification are met, students needing official GE certification will need to work with a counselor to complete the appropriate form.

Program Student Learning Outcomes

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

- Make sound decisions to improve personal and environmental well-being through the analysis of scientific information.
- Implement appropriate method of inquiry used by social and behavioral sciences.
- Demonstrate civic responsibility as an informed citizen knowledgeable about historical events, current issues, and government structures relevant to community, state, national and global issues.
- Demonstrate an appreciation for and understanding of the complexity of artistic and cultural expression through the ages by supporting the arts to enhance our community.
- Apply systematic methods of problem-solving, comparative analysis, and creative decision-making in order to communicate effectively and efficiently in a variety of oral and written contexts.

Geography

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Geography is the science of place and space. Geographers study the relationships among geographic places, natural systems, society, cultural activities, and the interdependence of all these over space.

There are two main branches of geography: human geography and physical geography. Human geography is concerned with the spatial aspects of human existence – how people and their activities are distributed in space, how people use and perceive space, and how people create and sustain the places that make up Earth’s surface. Physical geographers study the physical elements and spatial processes that make up and shape the environment, including energy, air, water, weather, climate, landforms, soils, animals, plants, etc.

Geographers also study the linkages between human activity and natural systems. Geographers were, in fact, among the first scientists to sound the alarm that human-induced changes to the environment were beginning to threaten the balance of life itself. Geographers today are active in the study of global warming, desertification, deforestation, loss of biodiversity, groundwater pollution, flooding, sustainability, 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; GIS Analyst; 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 Lake Tahoe area.

Geography (GEOG)

GEOG 300 Physical Geography: Exploring Earth’s Environmental Systems 3 Units

Prerequisite: None.

Advisory: GEOG 301

General Education: AA/AS Area IV; CSU Area B1; IGETC Area 5A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course investigates the interrelationships between Earth and humans, with an emphasis on natural systems (solar energy balance, weather and climate, water resources, landforms, natural hazards, vegetation, and soil). Relevant application of these elements to today’s world is stressed to help students better understand Earth’s physical environment as well as human-environment interaction. A field trip may be required to relate class discussions to the real world. (C-ID GEOG 110)

GEOG 301 Physical Geography Laboratory 1 Unit

Prerequisite: None.

Corequisite: GEOG 300

General Education: CSU Area B3; IGETC Area 5C

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. Field trips and spatial data collection activities may be required.

GEOG 306 Weather and Climate 3 Units

Prerequisite: None.

General Education: AA/AS Area IV; CSU Area B1; IGETC Area 5A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to atmospheric processes including energy and moisture exchanges, atmospheric pressure, winds, and global circulation. Severe weather conditions such as hurricanes and tornadoes are also studied. World, regional, and local climates are investigated. Student work will include weather observations and analysis of atmospheric data using charts, weather maps and radar and satellite imagery from the Internet and other sources. Because this course involves the use of some quantitative concepts, students are encouraged to have fundamental algebraic skills prior to enrolling in the course.

GEOG 310 Human Geography: Exploring Earth's Cultural Landscapes 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); AA/AS Area VI; CSU Area D5; IGETC Area 4E

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course investigates the diverse patterns of human settlement, development, and movement on earth, which evolved as a result of cultural and environmental factors. Emphasis is placed on understanding global population and migration patterns, language, religion, ethnicity, political and economic systems, development issues, agriculture and urbanization.

GEOG 322 Geography of California 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); AA/AS Area VI; CSU Area D5; IGETC Area 4E

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a study of the natural and cultural environments of California, with special emphasis on the interaction of people with landforms, climate, natural vegetation, soils and resources. Historical, political, and economic development within this diverse environment is presented. The diversity of cultures which make up the state's expanding population are studied and compared. Analysis of relevant issues of the day including those based on ethnic and cultural differences form an integral part of this course.

GEOG 330 Introduction to Geographic Information Systems 3 Units

Prerequisite: None.

Advisory: CISC 300

General Education: AA/AS Area II(b)

Course Transferable to UC/CSU

Hours: 54 hours LEC

A Geographic Information System (GIS) is a computer-based data processing tool used to manage and analyze spatial information. Applications of GIS include environmental assessment, analysis of natural hazards, management of municipal networks, business and industry site analysis, resource management and land-use planning. This course introduces the concepts, techniques, and tools of GIS including spatial data capture, management and analysis, as well as cartographic output through hands-on experience using GIS software. (C-ID GEOG 155)

GEOG 331 Exploring Maps and Geographic Technologies 3 Units

Prerequisite: None.

Advisory: GEOG 300; CISC 300 or equivalent with a grade of "C" or better

Course Transferable to CSU

Hours: 45 hours LEC ; 27 hours LAB

This course introduces students to the exciting world of maps (both hard-copy and digital) and the geographic techniques and technologies that are utilized in the creation of modern cartographic documents. The examination of cartographic constructs, basic statistics, Global Positioning Systems (GPS), Internet mapping, remote sensing, and Geographic Information Systems (GIS) will shed light on this interesting and rapidly changing area of spatial inquiry.

GEOG 332.1 Introduction to Desktop GIS 1.5 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 27 hours LEC

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

GEOG 332.2 Intermediate Desktop GIS**1.5 Units**

Prerequisite: GEOG 332.1 with a grade of "C" or better

Advisory: CISC 300

Course Transferable to CSU

Hours: 27 hours LEC

Geographic Information Systems (GIS) are computer-based mapping programs that analyze spatial data. This course builds on the conceptual and practical foundations covered in GEOG 332.1 by further exploring the capabilities and functionality of desktop GIS software. Emphasis will be placed on GIS software functionality, address geocoding, beginning spatial database construction, spatial data management, spatial analysis, and cartographic presentation.

**GEOG 344 Spatial Analysis and Modeling in GIS
3 Units**

Prerequisite: GEOG 330 with a grade of "C" or better

Course Transferable to CSU

Hours: 54 hours LEC

This course provides a survey of the various concepts, approaches, and tools involved in the analysis and modeling of spatial data using Geographic Information Systems (GIS). Emphasis is on the investigation of spatial distributions and relationships, and the methods used to answer spatial questions and solve spatial problems. Specific topics include statistical and spatial analysis, geoprocessing, spatial modeling, and map algebra. Additional topics include distance and density surfaces, cluster analysis, surface interpolation and resampling, hydrologic analysis, 3D display/animation, and regression analysis.

GEOG 350 Data Acquisition in GIS 3 Units

Prerequisite: None.

Corequisite: GEOG 330

Course Transferable to CSU

Hours: 54 hours LEC

This course is an introduction to the techniques, theory, and practical experience necessary to acquire, convert, and create digital spatial data. Topics include acquisition of existing Geographic Information Systems (GIS) data, metadata, formatting and conversion of GIS data, creating data utilizing digital cameras and scanners, the utilization of remotely sensed data, and use of the Global Positioning System (GPS).

GEOG 390 Field Studies in Geography**.5-4 Units**

Prerequisite: None.

Advisory: GEOG 300

Course Transferable to CSU

Hours: 24 hours LEC ; 144 hours LAB

This course covers the field study of geographic principles and processes of specific areas (mountains, deserts, seashore, etc.). Course content will vary by destination. Topics may include physical geography, human geography, and/or geographic techniques such as the application of tools and techniques used for geographic field research (e.g., map and compass use, the Global Positioning System (GPS), Geographic Information Systems (GIS), etc.). Field trip(s) are required. For specific details, see the course description listed in the schedule. Students will be responsible for providing their own lodging (or camping equipment) and meals. At a minimum it is recommended that students be prepared to spend a full day in the field. This may require a day-pack, water container(s), food, foul weather gear, field notebook, clipboard, whistle, and personal safety gear (warm clothing, medications, cell phone, GPS, sunscreen, sunglasses, hiking shoes, and a hat).

GEOG 495 Independent Studies in Geography**1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

GEOG 499 Experimental Offering in Geography**.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Geology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AS – 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 AA, AS, 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 AS – Geology

REQUIRED PROGRAM.....	Units
CHEM 400 General Chemistry	5
CHEM 401 General Chemistry	5
GEOLOGY 300 Physical Geology	3
GEOLOGY 301 Physical Geology Laboratory.....	1
GEOLOGY 310 Historical Geology.....	3
GEOLOGY 311 Historical Geology Laboratory.....	1
MATH 400 Calculus I.....	5
MATH 401 Calculus II.....	5
TOTAL UNITS REQUIRED.....	28

This AS degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

This degree is designed to meet common lower division requirements for a major in geology.

Program Student Learning Outcomes

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

- Demonstrate understanding of the scientific method by designing a valid scientific inquiry.
- Differentiate between scientifically-derived knowledge, myth, and conjecture in professional or everyday encounters with information.
- Apply acquired knowledge, skills, and abilities toward successful completion of geology coursework at transfer institutions.
- Observe and accurately interpret the mechanics, rate and scale of simple geologic processes.
- Clearly communicate geologic information, both orally and in written form, to diverse audiences.
- Evaluate and analyze contemporary geologic problems including the implications of human activities on geologic resources.
- Accurately employ geologic terminology, earth development theories and techniques as a foundation for investigating more complex scientific matters.

Geology (GEOL)

GEOL 299 Experimental Offering in Geology .5-4 Units

Prerequisite: None

Hours: 54 hours LEC ; 108 hours LAB

GEOL 300 Physical Geology 3 Units

Prerequisite: None.

Advisory: GEOL 301; (or concurrent enrollment in GEOL 301)

General Education: AA/AS Area IV; CSU Area B1; IGETC Area 5A

Course Transferable to UC/CSU

Hours: 54 hours LEC

Physical geology is an introduction to the composition and dynamics of the Earth from the atomic scale of minerals to the global scale of plate tectonics. Topics include the composition of minerals and rock, volcanism, earth structures, earthquakes, erosion and surface processes, geologic time, geologic hazards, and plate tectonics. In this course, attention will focus on the rocks, landscapes, and scenic areas of the American West. Emphasis is placed on how humans affect the environment. Successful completion of physical geology prepares the student to recognize, understand, and appreciate processes which continually change our Earth.

GEOL 301 Physical Geology Laboratory 1 Unit

Prerequisite: None.

Corequisite: GEOL 300; (or may be taken previously)

General Education: CSU Area B3; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course provides laboratory experience with the tools and skills discussed in Physical Geology (GEOL 300). Lab topics include mineral and rock identification, map and air photograph interpretation and landform identification, and the study and interpretation of geologic maps and cross-sections.

GEOL 305 Earth Science 3 Units

Prerequisite: None.

Corequisite: GEOL 306

General Education: AA/AS Area IV; CSU Area B1; IGETC Area 5A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introductory course covering major topics in geology, oceanography, meteorology, astronomy, scientific method, and philosophy of science. This course is designed for non-science majors. Not open to students who have received credit for GEOL 300 or GEOL 310.

GEOL 306 Earth Science Laboratory 1 Unit

Prerequisite: None.

Corequisite: GEOL 305; (or may be taken previously)

General Education: CSU Area B3; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course emphasizes the scientific methods and systematic laboratory procedures of Earth sciences. Topics include weather analysis, rock and mineral identification, study of geologic concepts by means of topographic maps, astronomical observation and ocean dynamics. A field trip or an appropriate alternative activity will be required as an introduction to geological environments and field methods in geology. Not open to students who have received credit for GEOL 300 or GEOL 301.

GEOL 310 Historical Geology 3 Units

Prerequisite: None.

Advisory: An introductory geology or earth science course.

General Education: AA/AS Area IV; CSU Area B1; IGETC Area 5A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course covers the origin and geologic history of the Earth and the evolution of its plant and animal inhabitants. Plate tectonic theory is used to explain changes in composition and structure of rocks of the Earth's crust from the formation of the Earth to the present. Emphasis is placed on the formation of sedimentary rocks for the purpose of understanding how they and the fossils contained within them record changes in earth environment and processes. Evolution and extinction are studied to understand how they reflect environmental changes in the earth's ocean, atmosphere, and surface.

GEOL 311 Historical Geology Laboratory 1 Unit

Prerequisite: None.

Corequisite: GEOL 310 (may be taken previously).

Advisory: GEOL 300

General Education: CSU Area B3; IGETC Area 5C

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

Prerequisite: None.

General Education: AA/AS Area IV; CSU Area B1; IGETC Area 5A

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 circulation, winds and surface circulation, waves, tides, estuarine environments, biological production, neuston, plankton, and benthic organisms. Field trips may be required.

GEOL 342 Geology of the National Parks 3 Units

Prerequisite: None.

General Education: AA/AS Area IV; CSU Area B1

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces students to Earth's geologic story as revealed by the rocks and landscapes in our State and National parklands. Attention will focus on how natural Earth processes have formed our State and National parklands. This course addresses surface shaping processes such as volcanism, plutonism, deformation, sedimentation, glaciation and fluvial activity as displayed in our parks and monuments.

GEOL 345 Geology of California 3 Units

Prerequisite: None.

General Education: AA/AS Area IV; CSU Area B1; IGETC Area 5A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides a survey of the physical and historical aspects of California geology, emphasizing the linkage of geology and people through economic and social impacts. This course is recommended for non-majors and majors in geology and is of particular value to science, engineering, environmental studies, education, and economics majors. Field trips will be combined with lectures.

GEOL 347 Geologic Mining History of the Mother Lode 3 Units

Prerequisite: None.

Advisory: GEOL 300

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, understanding past and present mining methods, and understanding the legacy left by the early miners.

GEOL 351 Introduction to Mineralogy 3 Units

Prerequisite: None.

Advisory: An introductory geology course and an elementary chemistry course.

General Education: AA/AS Area IV; CSU Area B1; CSU Area B3

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

The properties, relationships and origins of minerals, crystallography and determinative mineralogy; economic importance of minerals in California and on a world-wide basis.

GEOL 390 Field Studies in Geology .5-4 Units

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

Course Transferable to UC/CSU

Hours: 40 hours LEC ; 100 hours LAB

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

GEOL 495 Independent Studies in Geology

1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

GEOL 499 Experimental Offering in Geology

.5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Health Education

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

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

Health Science (HEED 300) fulfills a portion of the General Education graduation requirement for Living Skills and is transferable to all four-year colleges and universities. Students who successfully complete HEED 322 will earn American Red Cross certificates in areas such as Standard First Aid, or adult, child, and infant CPR. HEED 351 was developed to give the student the tools needed to develop personal wellness.

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

Health Education (HEED)

HEED 300 Health Science 3 Units

Prerequisite: None.

General Education: AA/AS Area III(b); CSU Area E1

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

HEED 322 CPR/BLS for the Professional Rescuer and Health Care Provider 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 18 hours LEC

Cardio-Pulmonary Resuscitation (CPR): Basic Life Support (BLS) for the Professional Rescuer/Health Care Provider is designed to meet the special needs of the people who are expected to respond in emergency situations. Included are methods for adult, child, and infant CPR as well as performing two-rescuer CPR, operating an automated external defibrillator (AED), and using rescue-breathing devices. Students will learn the skills a professional rescuer needs to act as a crucial link in the emergency medical services (EMS) system. Satisfactory completion of this course results in an American Red Cross Certificate in CPR/AED for the Professional Rescuer and Health Care Provider that is good for two years.

HEED 351 Personal Health and Wellness 3 Units

Prerequisite: None.

General Education: AA/AS Area III(b)

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course focuses on a personalized approach to creating healthy habits for life. Students will assess their current level of health in the areas of physical, occupational, intellectual, emotional, spiritual, social, and environmental health and use appropriate behavior modification tools to enhance health levels in these areas. Particular emphasis will be placed on the positive synergistic relationship between physical activity and overall health and wellness levels.

HEED 495 Independent Studies in Health Education 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

HEED 499 Experimental Offering in Health Ed .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

History

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

This Folsom Lake College program offers a study of history that contributes to cultural literacy and develops critical thinking and other useful skills while helping students understand today and plan for tomorrow.

Career Options

Administrator; Archivist; Business Consultant; Foreign Service; Government Service; Historian; Journalist; Librarian, Museum Curator; Pre-Law/Lawyer; Researcher/Research Analyst; State Park Historian; Teacher; Writer

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

Highlights

- Overview of World Civilization and American History, Women in American History
- Heritage Interpretation and California Studies
- Faculty includes widely traveled scholars, authors and active historians

History (HIST)

HIST 307 History of World Civilizations to 1500 3 Units

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

General Education: AA/AS Area V(b); CSU Area C2; CSU Area D6; IGETC Area 3B; IGETC Area 4F

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of the development of world civilizations from antiquity to 1500 CE, with particular emphasis on the dynamic interaction and comparison of peoples and cultures. The focus is on the roles played by social, political, economic, cultural and religious forces in shaping the major world civilizations and the legacy of these civilizations within the world today.

HIST 308 History of World Civilizations, 1500 to Present 3 Units

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

General Education: AA/AS Area V(b); AA/AS Area VI; CSU Area C2; CSU Area D6; IGETC Area 3B; IGETC Area 4F

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 within the world today.

HIST 312 History of the United States (to 1865) 3 Units

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

General Education: AA/AS Area V(a); CSU Area D6; CSU Area F1; CSU Area F2; IGETC Area 4F

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course portrays the growth of the history of America from the pre-Columbian period to 1865 focusing on its institutions and ideals, examining the decisions and developments that shaped our national heritage. The U.S. Constitution and the establishment of American government institutions are also covered.

HIST 313 History of the United States (1865-1945) 3 Units

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

General Education: AA/AS Area V(a); CSU Area D6; CSU Area F1; CSU Area F3; IGETC Area 4F

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course portrays America's development from the period of Reconstruction following the Civil War in 1865 through the end of the Second World War in 1945, examining the significant ideals, decisions, forces, institutions, individuals, events, and processes that affected continuity and change during this time. Coverage also includes California state and local government.

HIST 314 Recent United States History 3 Units

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

General Education: AA/AS Area V(a); CSU Area D6; CSU Area F1; CSU Area F3; IGETC Area 4F

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

HIST 319 American Environmental History 3 Units

Prerequisite: None.

General Education: CSU Area D6; IGETC Area 4F

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course examines the past interactions between human society and the natural world in what is now the United States. Issues to be discussed include Native American resource management, the ecological effects of the arrival of Europeans in the "New World", resource exploitation in the industrial era, cultural constructions of nature, and the preservation, conservation, and environmental movements. In the context of the historical influence of nature upon human society and the impact of human society upon nature, the course covers broad political, social, and cultural patterns and conflicts. In the same context, it also includes multicultural interpretations of the California and Sierra Nevada foothill experience which may entail field trips.

HIST 331 Women in American History 3 Units

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

General Education: AA/AS Area V(a); AA/AS Area VI; CSU Area D4; CSU Area D6; CSU Area F1; CSU Area F2; IGETC Area 4F

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course offers a survey of U.S. women's history, including the origin and development of the nation's political, social, economic, and intellectual institutions, from pre-contact indigenous societies to the modern era. The diverse roles and contributions of European American, Native American, African American, Mexican American, and Asian American women are emphasized throughout the course.

HIST 344 Survey of California History: A Multicultural Perspective 3 Units

Prerequisite: ENGWR 101 with a grade of "C" or better, or placement into ENGWR 300.

General Education: AA/AS Area V(b); AA/AS Area VI; CSU Area D6; IGETC Area 4F

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of the history of California with an emphasis on the evolution of the state as a multicultural society, beginning with Native Californian cultures and continuing to the present. Above all, the course evaluates the historical experiences and dynamic interaction of Mexican, Asian, African American, European American, and other cultural groups. Field trips to local sites of historical significance may be included.

HIST 390 History Field Study .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 12 hours LEC ; 18 hours LAB

This course provides an opportunity for first hand observation of a variety of historic and prehistoric sites in the Sacramento and Sierra Nevada foothills environment, as well as an examination of museum collections and presentation techniques of historical and cultural materials. Depending on availability, it includes visits to active excavation, preservation, and/or restoration projects. This class is ideal for social science majors, future teachers, park service personnel, heritage resource volunteers, and those interested in the interpretation field.

**HIST 392 Principles of Heritage Interpretation
3 Units**

Same As: ANTH 392 and BIOL 392

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This interdisciplinary course covers the basics of interpreting historical, cultural, and natural resources to the general public. Interpretation is a communication process that forges emotional and intellectual connections between the interests of the audience and the inherent meanings of the resource. Topics include developing an interpretive program using a thematic approach and learning program delivery techniques. Completion of this course will qualify students to apply for professional certification through the National Association for Interpretation as a Certified Interpretive Guide (CIG). This course is recommended for students interested in history, biology, anthropology, recreation, education, and communication. Not open to students who have received credit for Biology 392 or Anthropology 392. This course requires field trips.

HIST 393 Field Experience in History or Heritage Interpretation 2 Units

Same As: ANTH 393 and BIOL 393

Prerequisite: None.

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

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

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

**HIST 495 Independent Studies in History
1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

HIST 498 Work Experience in History 1-4 Units

Prerequisite: None.

Advisory: ENGWR 101, ESLR 320, or ESLW 320; with a grade of "C" or better

Enrollment Limitation: Students must be in a paid or unpaid internship, volunteer position or job related to the field of history.

Hours: 76 - 316 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completing required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the semester, the student is required to fulfill 16 hours of instruction and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. On-line students must have an e-mail account.

**HIST 499 Experimental Offering in History
.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Horticulture

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

The Folsom Lake College programs offer students the opportunity to learn Nursery Operations and Landscape Maintenance in a unique professional growth industry. A wide variety of employment opportunities are available in the Sacramento area. The continued growth of the area and the need for specialized training are creating a demand for qualified individuals.

Career Options

Nursery Management and Operations; Park Maintenance; Landscape Design, Contracting & Maintenance; Fertilizer & Insecticide Application; Research; Retail/Wholesale; Estimator; Consultant; Government Agency employee

Highlights

- Field trips for appreciation and evaluative study
- Practical design opportunities

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity or job related to career goals.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

Horticulture (HORT)

HORT 300 Introduction to Horticulture 3 Units

Prerequisite: None.

General Education: AA/AS Area IV

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course surveys horticultural principles and practices. Course topics include environmental factors that promote plant cultivation, basic plant structure and function, general knowledge of plant usage, and landscape planning and maintenance. Field trips may be required.

HORT 495 Independent Studies in Horticulture 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

HORT 498 Work Experience in Horticulture 1-4 Units

Prerequisite: None.

Advisory: ENGWR 101

Human/Career Development

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Folsom Lake College Human/Career Development courses are designed to assist students with recognizing their full potential through developing self awareness, educational management and lifelong independent career planning skills. Instruction includes obtaining skills necessary to succeed in college and make positive and productive work/life decisions.

Highlights

- Understanding of how changes in the workplace impact career change and lifelong transition
- Obtain knowledge and skills needed to succeed in college
- Career exploration and research to assist with career planning and decision making
- Awareness of skills and competencies required for effective and competitive workplace performance
- Addresses balanced lifestyle concepts and their relationship to job satisfaction and work/life success
- Support strategies for those with learning disabilities

Human/Career Development (HCD)

HCD 81 Diagnostic Assessment .5 Units

Prerequisite: None.

Hours: 10 hours LEC

This course is designed to gather assessment data and evaluate eligibility for learning disability services using guidelines mandated by the California Community Colleges system. One-to-one assessment with a Learning Disabilities Specialist/Psychologist will help evaluate learning strengths, areas of concern and learning styles with a goal toward establishing appropriate educational objectives and improved academic performance. Initial and follow-up instruction strengthens the students understanding of test results and applications. This course will be graded on a pass/no pass basis and may be taken one time for credit.

HCD 111 College Discovery Program 1 Unit

Prerequisite: None.

Hours: 18 hours LEC

This course is designed to introduce the student to college programs, services, policies and procedures. Topics covered include general education, major selection, e-services tutorial, class scheduling techniques and campus resources.

HCD 123 Study Strategies and Techniques 3 Units

Prerequisite: None.

Hours: 54 hours LEC

This course is designed for student with learning challenges who want to improve their academic skills and learn specific study skills and strategies. Students will have an opportunity to develop and improve techniques for textbook reading, note taking, and test taking. They will learn strategies for time management, memory improvement, and test preparation, as well as critical thinking and organization in written expression. In addition, they will be able to discover their own learning styles and choose individually tailored, appropriate combinations of study strategies and techniques. The course includes familiarization with relevant campus resources as well as the Internet and off-campus information resources. This course is not transferable to UC/CSU. This course is open to all students but is designed and particularly helpful for students with learning problems and a variety of disabilities.

HCD 310 College Success 3 Units

Prerequisite: None.

General Education: AA/AS Area III(b); CSU Area E1
Course Transferable to UC/CSU

Hours: 54 hours LEC

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

HCD 318 Transfer: Making It Happen 2 Units

Prerequisite: None.

Advisory: ENGRD 110 and ENGWR 101

General Education: AA/AS Area III(b)

Course Transferable to UC/CSU

Hours: 36 hours LEC

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

HCD 330 Life and Career Planning 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(b)

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. Supplementary items include the textbook "Career Fitness Program: Exercising Your Options, 10th Edition by Sukiennik, D., Bendat, W., & Raufman, L. as well as the Myers-Briggs Type Indicator and Strong Interest Inventory.

HCD 335 Career Development 3 Units

Prerequisite: None.

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 54 hours LEC

This comprehensive course explores the issues and tasks related to personal and career development over the course of one's life. Applying psychological, sociological, and physiological principles, students will utilize the career planning process to begin to prepare effectively for work in the 21st century. Topics include assessment of interests, skills, and values, transferable skills, career exploration, and career decision-making theory. Job search preparation includes development of a resume, cover letter, and interviewing skills. Emphasis is placed on assisting new and re-entry students by helping create and integrate career and life planning goals.

HCD 375 Service Learning Volunteer Fieldwork 1-3 Units

Prerequisite: None.

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 54 - 162 hours LAB

This course is intended as an opportunity for students to contribute to their community by volunteering with agencies and organizations that provide services to others. Students will learn life and career skills in the process of performing fieldwork off campus, and will have an opportunity to apply academic knowledge and skills gained in college while assisting others in their community. This course is created as a "Pass/No Pass" class only.

HCD 495 Independent Studies in Human/Career Development 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

HCD 499 Experimental Offering in Human/Career Development .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

HCD 1000 Supervised Tutoring 0 Units

Prerequisite: None

Hours: 50 hours LAB

This course offers individualized tutoring designed to assist students to increase their success in college courses. Students may enroll for support of more than one college course per semester. Content will vary depending upon the adjunct course. Attention will be given to essential study skills and utilization of campus learning resources. May be repeated in subsequent semesters.

Human Services & Gerontology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREES AA – Human Services, General
AA – Human Services, Gerontology

CERTIFICATES OF ACHIEVEMENT
Human Services, General
Human Services, Gerontology

CERTIFICATE OF RECOGNITION
Human Services, Home Caregiver

This program prepares students for employment as an associate professional and also prepares students for transfer to 4-year colleges and universities to continue their studies in Psychology and Social Work. Courses in the Human Services program may be applicable foundation courses for further study toward licensure as Marriage and Family Therapists, Social Workers and Psychologists. All courses in the Human Services program are CSU transferrable and may fulfill lower-division requirements for a bachelors degree in Psychology. Coursework emphasizes performance-based training in client screening, intake, assessment, orientation, individual counseling, group counseling, consultation, client's rights, confidentiality, crisis intervention, client education, professional ethics, reports and record keeping.

If you are interested in transferring to a four-year college or university to pursue a Bachelor's degree in Human Services, it is critical that you meet with an FLC counselor to select and plan the courses for your major. Transfer institutions vary widely in the courses required for undergraduate preparation. The courses required by FLC for an AA degree may be different from the requirements for a Bachelor's degree.

Career Options
Youth Group Home Worker; Family, Welfare, and Health Agencies Worker; Peer Support Group Facilitator; Ombudsman Program Worker; Drug and Alcoholism Program Worker; Probation Department Placement/Intake Worker; Consumer Consultant; Welfare Department Placement/Eligibility Worker; Mental Health Department Placement/Intake Worker; Conflict Containment Workers

Highlights

- Individual and Group Counseling Practice
- Tours of Human Services Agencies
- Interviews with Potential Employers
- Employment Training, including Resumes and Interview Practice

DEGREE
AA – Human Services, General

REQUIRED PROGRAM.....	Units
HSER 300 Introduction to Human Services	3
HSER 302 Intro to Psychology of Human Relations	3
HSER 350 Employment Skills in Human Services	3
HSER 360 Techniques of Interviewing and Counseling.....	3
A minimum of 6 units from the following:	6
HSER 362 Practices in Human Services (3)	
HSER 364 Techniques of Group Counseling	4
PSYC 300 General Principles	3
Plus six (6) units selected from:.....	6
GERON 300 Sociology of Aging (3)	
HSER 304 Introduction to Counseling Children (3)	
HSER 340 Introduction to Chemical Dependency (3)	
HSER 494 Topics in Human Services (0.5-4)	
PSYC 320 Social Psychology (3)	
SOC 300 Introductory Sociology (3)	
SOC 321 Race, Ethnicity and Inequality in the U.S. (3)	
TOTAL UNITS REQUIRED.....	31

Suggested Electives: ENGWR 300; CISA 300, 301, 320, 321; HEED 300; STAT 300.

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

The AA degree program in Human Services, General provides performance-based training for both associate level employment and transfer preparation. The

program provides training for Psychology and Social Work majors towards Marriage Family Therapists, Social Workers, and Psychologists.

Program Student Learning Outcomes

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

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

DEGREE

AA – Human Services, Gerontology

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

Suggested Electives: CISA 300, 301, 320, 321; CISC 320; ENGWR 300; HEED 300; STAT 300.

This AA degree may be obtained by completion of the Required Program, plus General Education

Requirements, plus sufficient electives to meet a 60-unit total.

The AA degree in Human Services, Gerontology will prepare students to assist seniors in managing their health, psychological, and social needs unique to the elderly population via a broad overview of the biological, psychological, and social aspects of aging. The focus of this program is on preparation for associate-level positions with private industry, government and non-profit agencies providing health services to senior adults.

Program Student Learning Outcomes

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

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

CERTIFICATE OF ACHIEVEMENT

Human Services, General

REQUIRED PROGRAM.....	Units
HSER 300 Introduction to Human Services	3
HSER 302 Intro to Psychology of Human Relations.....	3
HSER 350 Employment Skills in Human Services	3
HSER 360 Techniques of Interviewing and Counseling.....	3

A minimum of 6 units from the following: 6

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

For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041152C01>

The certificate program in Human Services, General provides performance-based training for both associate level employment and transfer preparation. The program provides training for Psychology and Social Work majors towards Marriage Family Therapists, Social Workers, and Psychologists.

Program Student Learning Outcomes

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

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

CERTIFICATE OF ACHIEVEMENT

Human Services, Gerontology

REQUIRED PROGRAM..... Units

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

For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041138C01>

The certificate program in Human Services, Gerontology will prepare students to assist seniors in managing their health, psychological, and social needs unique to the elderly population via a broad overview of the biological, psychological, and social aspects of aging. The focus of this program is on preparation for associate-level positions with private industry, government and non-profit agencies providing health services to senior adults.

Program Student Learning Outcomes

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

- Demonstrate skill, ease, confidence, rapport, and listening skills when communicating with the elderly at different cognitive levels.
- Evaluate and discuss similarities and differences surrounding diverse aging populations as they relate to life expectancy, mortality, mobility, family, work, retirement, mental health, death, lifestyles, sexuality, and use of services.
- Discuss the impact of language and other cultural factors that influence drug education, drug use, and treatment options with the elderly.
- Evaluate common methods of care for the dying including hospitals, skilled nursing facilities, and hospice care.

- Recognize and identify risk of caregiver stress in cases of Alzheimer's and other dementia.
- Identify and evaluate elder abuse causes, preventions strategies, and resources.
- Identify strategies for meeting the challenges of aging within a socio-cultural framework.
- Recognize and evaluate demographic, socioeconomic, legal, and physiologic aspects of aging.
- Develop practical workplace skills and knowledge needed for employment.

CERTIFICATE OF RECOGNITION

Human Services, Home Caregiver

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

The certificate of recognition in Human Services, Home Caregiver provides students with an overview of ethical and legal issues pertinent to a position related to home caregiving, explores issues related to interpersonal skill training and the issues and needs affiliated with aging. Students planning to continue to specialize in gerontology to obtain either an AA or 4-year degree should consult with an FLC counselor to select and plan the courses for your major.

Program Student Learning Outcomes

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

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

- identify strategies for meeting the challenges of aging within a socio-cultural framework.
- recognize and evaluate demographic, socioeconomic, legal, & physiologic aspects of aging.
- develop practical workplace skills and knowledge needed for employment.

Human Services (HSER)

HSER 300 Introduction to Human Services

3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course is a comprehensive overview of the field of Human Services in private and public agencies. The course topics include 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. Field trip may be required.

HSER 302 Introduction to Psychology of Human Relations 3 Units

Prerequisite: None.

General Education: AA/AS Area III(b); CSU Area E1

Course Transferable to CSU

Hours: 54 hours LEC

This course is an introduction to the skills of communicating and relating to others by improving attitudes, values, and methods that enhance communication skills in human relations improving students' interpersonal self-awareness, skills, and assertiveness. This course is a required course for the Human Services/Gerontology degree and certificate which is open to all students.

**HSER 304 Introduction to Counseling Children
3 Units**

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course explores the skills and tools to counsel and support children in learning effective coping strategies to: address feelings, adjust to changes, overcome disappointment and trauma, make sense of the world around them and grow in their various relationships. Self-awareness and issues which may impact the therapeutic relationship are emphasized. Strategies and frameworks related to care giver needs are developed and integrated throughout the course material. A variety of children's play mediums will be experienced with special emphasis on the importance of imagination and the use of fantasy. This class is comprised of lecture, experiential components, individual and group projects and weekly homework assignments.

**HSER 340 Introduction to Chemical Dependency
3 Units**

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course introduces and 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. Field trips may be required.

HSER 341 Physiology and Pharmacology: Alcohol & Other Drugs 3 Units

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

Course Transferable to CSU

Hours: 54 hours LEC

This course is a study of the chemical composition of alcohol and the mechanism of action of alcohol and other psychoactive drugs, including opiates, stimulants, depressants, psychotherapeutics, and psychedelics. It also includes the social and psychological implications of tolerance, habituation, and substance abuse of the user and abuser.

**HSER 350 Employment Skills in Human Services
3 Units**

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course is an introduction to 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. This is a required course for the Human Services/Gerontology degree and certificate.

HSER 360 Techniques of Interviewing and Counseling 3 Units

Prerequisite: HSER 302 with a grade of "C" or better

Corequisite: HSER 362

Course Transferable to CSU

Hours: 54 hours LEC

This course is an introduction to effective counseling and interviewing techniques as applied to associate-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 is a required course for the Human Services/Gerontology degree and certificate.

HSER 362 Practices in Human Services 3 Units

Prerequisite: HSER 302 with a grade of "C" or better

Corequisite: HSER 350 and 360

Course Transferable to CSU

Hours: 18 hours LEC ; 108 hours LAB

This course provides research 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 via internships and field trips. Student evaluation is competency-based.

HSER 364 Techniques of Group Counseling
4 Units

Prerequisite: HSER 360 and 362 with grades of "C" or better

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

This course introduces techniques of counseling within groups representing diverse backgrounds: sex, ethnic group identification, race, national origin, religion, color, and mental and physical disability. Students learn facilitation and co-facilitation within a group setting, and a goal of learning facilitation towards clients' improved skills in problem resolution and solution development. Course emphasizes recognition of unique and common problems, as well as facilitation in understanding behavior change. This is a required course for the Human Services/Gerontology degree and certificate.

HSER 494 Topics in Human Services .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

Exploration of those topics and issues which are most relevant for future and present workers in human services. Emphasis will be on those issues which are not consistently covered by other required human services courses. These issues may include: chemical dependency, interventions in poverty, stress management, child neglect and abuse, patient rights, and organization for advocacy.

HSER 495 Independent Studies in Human Services 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

HSER 498 Work Experience in Human Services
1-4 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or unpaid internship, volunteer position or job related to career goals.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

HSER 499 Experimental Offering in Human Services .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Gerontology (GERON)

GERON 300 Sociology of Aging 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); CSU Area D0; CSU Area E1

Course Transferable to CSU

Hours: 54 hours LEC

This introductory 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. Multi-generational interviews will be used to supplement a service learning project which requires face-to-face service at a community agency with approval between the instructor and agency.

GERON 331 Interviewing, Counseling the Elderly 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 3 hours LEC

This course provides techniques of counseling the elderly with emphasis on rehabilitation using validation, communication, and motivation techniques, sensitivity training and the life review process. Individual and group processes as related to the elderly are utilized. Course requires off-campus agency activities. The course is an integral part of the Gerontology program.

GERON 333 Techniques of Individual and Group Counseling of the Elderly 4 Units

Prerequisite: GERON 331 with a grade of "C" or better

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

Exploration of the effectiveness of counseling techniques of the elderly within an institution setting. Non-traditional techniques of counseling and support are investigated. Student involvement with the elderly under supervision is a major function of the course. This course is an integral part of the Gerontology program.

GERON 495 Independent Studies in Gerontology 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

GERON 498 Work Experience in Gerontology 1-4 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Students must be in a paid or unpaid internship, volunteer position or job related to gerontology. Students are advised to consult with the Gerontology Department faculty to review specific certificate and degree work experience requirements.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within the field of gerontology. It is designed for students interested in work experience and/or internships in transfer level degree occupational programs. Course content includes understanding the application of education to the workforce; completion of required forms which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. Appropriate level learning objectives are established by the student and the employer. During the semester, the student is required to attend a weekly orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The weekly orientation is required for first time participants, returning participants are not required to attend the orientation but are required to meet with the instructor as needed to complete all program forms and assignments. Work Experience may be taken for a total of 16 units when there are new or expanded learning objectives.

GERON 499 Experimental Offering in Gerontology .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Humanities

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AA – Humanities

The Humanities program at Folsom Lake College offers courses in classical, modern, American and non-Western humanities. In each course, basic human values as exemplified in the arts, philosophy, religion and history are examined.

Career Options

Communication; Education; Journalism; Law; Politics; Public Relations; Museum Curator

Most career options will 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

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

DEGREE

AA – Interdisciplinary Studies, Humanities

REQUIRED PROGRAM.....	Units
HUM 300 Classical Humanities.....	3
HUM 310 Modern Humanities.....	3
PHIL 300 Introduction to Philosophy	3
A minimum of 12 units from the following:	
ARTH 300, 333; CMED 305; ENGLT 340, 345;	
HUM 320, 332, 334, 340; MUFHL 300; PHIL 352,	
358; TA 300	12
TOTAL UNITS REQUIRED.....	21

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

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

Program Student Learning Outcomes

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

Humanities (HUM)

HUM 300 Classical Humanities 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

The course focuses upon Western culture in its attempt to interpret human experience and identity. The course examines basic human values as exemplified in the arts, philosophy and history. Emphasis is on the Greeks, the Romans, and the Judeo-Christian traditions up to the end of the Middle Ages.

HUM 310 Modern Humanities 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course focuses upon Western culture in its attempt to interpret human experience and identity. The course examines basic human values as exemplified in the arts, philosophy, and history. Emphasis is on the Renaissance, the Baroque period, and the Modern age.

HUM 320 Asian Humanities 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course examines basic human values as exemplified in the art, literature, music, philosophy, and history of the Far East from ancient times to the present. Emphasis is placed upon the relationship of the humanities to the historical developments, geographical features, and cultural contexts of India, China, and Japan. This course fulfills Folsom Lake College's Ethnic/Multicultural Studies requirement for the Associates Degree.

HUM 325 Arts and Humanities of the Islamic World 3 Units

Prerequisite: None.

General Education: AA/AS Area I; AA/AS Area VI; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course examines the arts and humanities shaped by Islamic thoughts and beliefs from the 7th century to contemporary times in the Islamic regions. It includes information on the history, religion, philosophy, visual arts, and literature. It additionally covers music and later art forms such as film. This course emphasizes Arab, Persian, African, and Asian contributions in the Islamic lands and in Diaspora.

HUM 332 American Humanities 3 Units

Prerequisite: None.

General Education: AA/AS Area I; AA/AS Area VI; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course examines ideas and values about the American experience by analyzing the literature, art, music, philosophy and history from the beginning of the twentieth-century to the present. The course draws upon the arts of African American, Native American, Asian American, Anglo and Latino cultures as avenues for understanding issues of race, ethnicity, class, and gender as they intersect with mainstream American values.

HUM 495 Independent Studies in Humanities 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

HUM 499 Experimental Offering in Humanities .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Interdisciplinary Studies

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AA – Areas of Emphasis
AA – American Studies
AA – Humanities
AA – Women’s Studies

This Folsom Lake College major is intended for students who wish a general background in the areas of arts and humanities, communication and English, social and behavioral sciences, math and science, or understanding and self-development 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

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

Highlights

- A valuable foundation for a variety of career or transfer opportunities
- Diversified and talented faculty
- Overview of theoretical and cultural principles

DEGREE

AA – Interdisciplinary Studies, Areas of Emphasis: Arts & Humanities, Communication & English, Social & Behavioral Sciences, Math & Science, Understanding & Self-Development

REQUIRED PROGRAM..... 18 Units

A minimum of 18 units from the following:
Choose ONE “Area of Emphasis” below in which to complete a minimum of 18 units. Within the chosen area, select courses from at least three different

disciplines. **The Math and Science emphasis requires completion of courses from both math and science.**

Arts and Humanities:

ART 300, 302, 304, 305, 308, 310, 312, 320, 322, 323, 325, 327, 328, 330, 332, 334, 336, 337, 361, 370, 372, 373, 383, 386, 387, 390, 402, 404, 430
ARTH 300, 303, 304, 306, 307, 309, 311, 312, 313, 314, 318, 324, 326, 328, 330, 332, 333
CMED 305*
COMM 305
DANCE 380
ENCW 400, 410
ENGLT 303, 310, 311, 319, 320, 321, 339, 340, 341, 345, 360, 370, 402
ENGWR 301
FRENCH 401, 402, 411, 412
HIST 307, 308
HUM 300, 310, 320, 325, 332
MUFHL 300, 310, 311, 321, 330, 400, 401, 410
MUIVI 310, 311, 370, 371
MUP 350, 357
PHIL 300, 304, 310, 330, 331, 338, 350, 352, 356, 358, 360
SILA 305, 306, 315, 316
SPAN 401, 402, 411, 412, 425
TA 300, 302, 303, 304, 310

Communication and English:

COMM 301, 311, 315, 331, 361
ENGRD 310
ENGWR 300, 301, 302
PHIL 300, 320, 325, 328

Social and Behavioral Sciences:

ANTH 310, 319, 320, 330
BUS 330, 345
CMED 300
COMM 325, 341, 351, 363
ECON 302, 304
ECE 312*, 314*
FCS 324
GEOG 310
GERON 300
HIST 307, 308, 312, 313, 314, 331
JOUR 310
PHIL 360
POLS 301, 302, 310
PSYC 300, 312, 320, 335, 340, 356, 368, 370, 372*
SOC 300, 301, 310, 321, 335

Math and Science (this emphasis requires completion of courses from both math and science):

- ANTH 300, 301
- ASTR 300, 400
- BIOL 300, 307, 310, 323, 332, 350*, 400, 410, 420, 430, 440, 442, 470
- CHEM 305, 306, 321, 322, 400, 401, 410, 420, 421
- ENVT 304*
- GEOG 300, 301, 306
- GEOL 300, 301, 305, 310, 311, 330, 342, 345, 351
- MATH 310, 335, 343, 350, 351, 370, 400, 401, 402, 410, 420
- NATR 302, 304
- PHYS 310, 311, 350, 360, 411, 421, 431
- PS 302
- PSYC 312, 330
- STAT 300

Understanding and Self Development:

- COMM 321
- ECE 314
- ENGED 320
- FCS 324
- GERON 300
- HEED 300, 351
- HCD 310, 335
- HSER 302
- INDIS 360
- NUTRI 300
- PSYC 340, 354, 356, 360, 370
- SOC 310, 335

TOTAL UNITS REQUIRED..... 18

The Interdisciplinary Studies Associate in Arts (AA) Degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total.

Please note: completion of FLC graduation requirements in and of itself will not satisfy transfer general education. Students are strongly encouraged to meet with a counselor to determine appropriate courses that can simultaneously meet FLC graduation requirements and transfer GE patterns such as CSU GE and/or IGETC.

*Courses marked with an * are cross listed and have a credit limitation.*

The Interdisciplinary Studies degree is designed for students who wish a broad knowledge of arts and sciences plus additional coursework in a prescribed "Area of Emphasis". This program is a good choice for students planning on transferring to the California State University or University of California. The

student will be able to satisfy general education requirements, plus focus on transferable course work that relates to a specific major and/or individual interest.

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

Program Student Learning Outcomes

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

- evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities).
- analyze critically, argue persuasively, and communicate clearly (Communication and English).
- evaluate how societies and social subgroups operate (Social and Behavioral Sciences).
- reason quantitatively and empirically (Math and Science).
- evaluate personal choices regarding disease prevention, healthy living, and making positive life choices (Understanding and Self Development).

DEGREE

AA – Interdisciplinary Studies, American Studies

REQUIRED PROGRAM..... Units

A minimum of 15 units for the following:

(no more than one course selected from each group)

- (a.) ENGLT 320, 321;
- (b.) HIST 312, 313, 314, 331;
- (c.) HUM 332;
- (d.) POLS 301;
- (e.) PSYC 360;
- (f.) SOC 300, 301, 321..... 15

A minimum of 6 units for the following:

(no more than one course selected from each group)

- (a.) BUS 300;
- (b.) HUM 310;
- (c.) PHIL 300, 338 6

TOTAL UNITS REQUIRED..... 21

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

The American Studies program at Folsom Lake College provides students with an interdisciplinary survey of

the historical, institutional, political, philosophical, cultural, and social achievements of America and its people. The program focuses on extending students' breadth of knowledge, challenging their assumptions and preconceived notions, and preparing them for transfer to the university.

Program Student Learning Outcomes

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

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

DEGREE

AA – Interdisciplinary Studies, Humanities

REQUIRED PROGRAM.....	Units
HUM 300 Classical Humanities.....	3
HUM 310 Modern Humanities.....	3
PHIL 300 Introduction to Philosophy	3
A minimum of 12 units from the following:	
ARTH 300, 333; CMED 305; ENGLT 340, 345;	
HUM 320, 332, 334, 340; MUFHL 300; PHIL 352,	
358; TA 300	12
TOTAL UNITS REQUIRED.....	21

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

Program Student Learning Outcomes

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

- Describe the fundamental questions people have pondered over the past 2500 years.
- Analyze, evaluate, and synthesize philosophical problems in order to develop and defend a position
- Demonstrate an understanding of the development of culture as reflected in the arts, philosophy, and history of the Western world

- Evaluate the artistic and cultural achievements of a particular period by comparing and contrasting them to the achievements of previous and subsequent periods.
- Demonstrate community and cultural awareness by attending cultural events and evaluating their relevance.
- Utilize research skills to write papers that examine the basic human values exemplified in the arts, literature, and/or philosophy of particular eras in history.
- Employ inductive or deductive reasoning to challenge or defend assertions in arguments and argumentative essays.

DEGREE

AA – Interdisciplinary Studies, Women's Studies

REQUIRED PROGRAM.....	Units
A minimum of 9 units for the following:	
ENGLT 360 Women in Literature.....	3
HIST 331 Women in American History.....	3
PSYC 356 Human Sexuality	3
PSYC 360 Psychology of Women.....	3
A minimum of 12 units for the following:	
(no more than one course from each group)	
(a.) ANTH 312	
(b.) BUS 300;	
(c.) ENGLT 310, 311, 320, 321, 330, 340, 341, 360;	
(d.) HIST 312, 313, 314, 331;	
(e.) HUM 332;	
(f.) PHIL 310, 320, 338;	
(g.) POLS 301;	
(h.) PSYC 356, 360, 372;	
(i.) SOC 300, 301, 321;	
(j.) TA 304	12
TOTAL UNITS REQUIRED.....	21

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

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

Program Student Learning Outcomes

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

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

Interdisciplinary Studies (INDIS)

INDIS 314 Study Skills for Science Disciplines .5 Units

Prerequisite: None.

Corequisite: Current enrollment in a science course.

Course Transferable to CSU

Hours: 27 hours LAB

This course offers individualized instructional modules designed to improve study strategies appropriate for various science classes and in the nursing program. A partial list of skills may include the following: principles of learning and retention, active reading and listening, note taking, annotating, discipline-based vocabulary, paraphrasing, test preparation, test taking, and problem solving. This course is offered in a flexible TBA format of 27 laboratory hours in order to accommodate the student's schedule. Registration is open through the tenth week of the semester. This course is graded on a pass/no pass basis.

INDIS 360 Sustainability: Your Future on Planet Earth 3 Units

Prerequisite: None.

Advisory: ENGWR 300

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 54 hours LEC

In this course, faculty from a variety of disciplines will introduce the fundamental aspects of sustainability including an examination of the critical relationship between people and their environment. The course emphasizes a holistic approach as students examine the interconnection between nature and society and how it relates to the food we eat, the goods we buy, the things we build, the oceans we harvest, and the energy we consume. Using an interactive approach, students also explore solutions to today's unprecedented environmental challenges within cultural, economic, educational and political contexts. Faculty from Biology, Early Childhood Education, English, Geography, Nutrition, and/or Sociology will team teach this course. Field trips may be required. This course is not open to those who have taken Sustainability: Earth's Future previously.

Journalism

ACADEMIC
COUNSELING

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Journalism (JOUR)

JOUR 310 Mass Media and Society 3 Units

Same As: CMED 300 and COMM 351

Prerequisite: None.

General Education: AA/AS Area V(b); CSU Area D0;
CSU Area D7; IGETC Area 4J

Course Transferable to UC/CSU

Hours: 54 hours LEC

The class will offer a survey of the mass media: history, philosophy, structure and trends, as well as theories, which help to explain effects and the importance of media as a social institution. The course will explore economics, technology, law, ethics, and social issues, including cultural and ethnic diversity. This course is the same as COMM 351 and CMED 300; only one of these courses may be taken for credit.

JOUR 340 Writing for Publication 3 Units

Prerequisite: ENGWR 300 or JOUR 300.

Course Transferable to CSU

Hours: 54 hours LEC

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

JOUR 495 Independent Studies in Journalism 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

JOUR 499 Experimental Offering in Journalism .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Kinesiology & Athletics

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AA-T – Kinesiology

The kinesiology, health, and athletics curriculum offers a wide variety of courses to accommodate varying fitness levels, interests, and abilities including: cardiovascular training, strength training, martial arts, mind/body courses like yoga and tai chi, individual sport activities such as archery and tennis, intercollegiate athletics, and lecture courses for aspiring fitness professionals and transfer students. Students will not only learn how to perform activities with proper technique, but they will learn principles of exercise science and biomechanics which can be applied to their training. Students should carefully read the course description to determine if it will meet their needs. Many of the courses transfer to both the CSU and UC systems and meet requirements for the degree and certificate programs. However, some 4-year colleges and universities limit the number of units they will accept toward the baccalaureate degree. For specific requirements, students should refer to a catalog from the transfer institution of their choice. Students are also advised to see a counselor before selecting the courses best aligned with their transfer institution.

Career Options

Personal Trainer, group fitness instructor, wellness coordinator, corporate fitness director, health coach, athletic trainer, and activity director.

Some career options may require further education.

Highlights

- Folsom's main campus features a 27,000 square foot facility with a state of the art dance studio, group fitness room, circuit training room, weight room, exercise science lab, an athletic training office, and men's and women's locker rooms. Outdoor athletics venues include an all-weather track, baseball, softball, and soccer fields, an archery target range, and tennis courts. An on-campus cross country trail will be constructed within the upcoming year and a spectator gymnasium and practice gymnasium are under construction.

- The El Dorado Center has a full service group exercise room, weight room, and locker room facilities.

DEGREE

AA-T – Kinesiology

- REQUIRED PROGRAM..... Units
- KINES 300 Introduction to Physical Education, Kinesiology, Fitness and Sport 3
- BIOL 430 Anatomy and Physiology 5
- BIOL 431 Anatomy and Physiology 5
- A minimum of six (6) units from the following: 6
- CHEM 305 Introduction to Chemistry (5)
- CHEM 400 General Chemistry (5)
- PHYS 350 General Physics (4)
- STAT 300 Introduction to Probability and Statistics (4)
- A minimum of three (3) units from the following: ... 3¹
- FITNS 410 Karate I (1)
- or FITNS 413 Okinawan Kobudo I (1)
- or FITNS 414 Tai Chi (1)
- or FITNS 411 Karate II (1)
- or FITNS 415 Karate III (1)
- or FITNS 418 Okinawan Kobudo II (1)
- or FITNS 419 Okinawan Kobudo III (1)
- DANCE 310 Jazz Dance I (1)
- or DANCE 312 Jazz Dance II (1)
- or DANCE 313 Jazz Dance III (1)
- or DANCE 320 Ballet I (1)
- or DANCE 321 Ballet II (1)
- or DANCE 322 Ballet III (1)
- or DANCE 323 Ballet IV (1)
- or DANCE 330 Modern Dance I (1)
- or DANCE 332 Modern Dance II (1)
- or DANCE 333 Modern Dance III (1)
- or DANCE 334 Modern Dance IV (1)
- or DANCE 351 Urban Hip Hop I (1)
- or DANCE 352 Urban Hip Hop II (1)
- or DANCE 353 Urban Hip Hop III (1)
- or DANCE 354 Urban Hip Hop IV (1)
- FITNS 304 Cardio Circuit (1)
- or FITNS 306 Aerobics: Cardio-Kickboxing (1)
- or FITNS 307 Aerobic Mix (1)
- or FITNS 324 Mat Pilates (1)
- or FITNS 331 Boot Camp Fitness (1)
- or FITNS 352 Power Sculpting (1)

or FITNS 380 Circuit Weight Training (1)
 or FITNS 381 Weight Training (1)
 or FITNS 392 Yoga (1)
 or FITNS 395 Stretch (1)
 PACT 300 Archery I (1)
 or PACT 350 Golf I (1)
 or PACT 390 Tennis I (1)
 TMACT 302 Soccer - Outdoor (1)
 TOTAL UNITS REQUIRED..... 22

The options below are grouped into five movement clusters: Combatives, Dance, Fitness, Individual Sports, and Team Activities. Students majoring in Kinesiology must select one course (or one unit) from three different clusters.

Students are required to:

- Complete a minimum of 19 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework.
- Complete 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- No more than 60 semester units are required.
- A "P" (Pass) grade is not an acceptable grade for courses in the major.

The Kinesiology AA for Transfer can provide students with the foundational knowledge necessary for transfer to a 4-year Bachelor of Science (BS) or Bachelor of Arts (BA) degree program. Career opportunities for students who have earned BS or BA degrees in Kinesiology include but are not limited to: exercise physiologist, physical therapy aide, health consultant, personal trainer, recreation director, referee, group fitness instructor, health club manager, athletic coach, activities director, K-12 physical educator, public health educator, swimming pool manager, cardiac rehabilitation technician, or corporate fitness director. Some careers may require additional training.

Program Student Learning Outcomes

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

- utilize the theories of biomechanics and exercise physiology and apply them to sport and fitness pedagogy.
- discuss how sociological, psychological, historical, and philosophical factors influence the field of kinesiology and sport.
- evaluate the unique and overlapping roles of each body system in promoting homeostasis and

how such body systems adapt to the demands of activity and sport.

- evaluate anatomical and physiological information and apply findings to decision making.
- assess and measure improvements in fitness levels through a comprehensive analysis of aerobic capacity, body composition, muscular endurance, and flexibility.
- define and understand how to properly execute fitness and sport training techniques.
- FOR STUDENTS CHOOSING THE STAT 300 OPTION: use the concepts of descriptive statistics to display and analyze univariate and bivariate data.
- FOR STUDENTS CHOOSING THE CHEM 305 OR CHEM 400 OPTIONS: apply the basic terminology and nomenclature of elements and compounds relevant to the human body and metabolism.
- FOR STUDENTS CHOOSING THE PHYS 350 OPTION: solve conceptual problems in classical mechanics, fluids, mechanical waves, and thermodynamics.

Fitness (FITNS)

FITNS 304 Cardio Circuit 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2
 Course Transferable to UC/CSU

Hours: 54 hours LAB

This course will introduce the student to a cardio circuit form of training, combining both cardio and weight training equipment in a circuit format. Students will utilize treadmills, rowers, bikes, ellipticals, and weight training machines. Students will proceed in timed intervals to train all the major muscle groups and the cardiovascular system. Flexibility and core training will also be included in this workout. Students must bring their own towel and water bottle each day to train

FITNS 306 Aerobics: Cardio-Kickboxing 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Enrollment Limitation: None.

Course Transferable to UC/CSU

Hours: 54 hours LAB

Cardio-Kickboxing is a cardiovascular workout utilizing kicks, punches, calisthenics and rope jumping to elevate heart rate and strengthen all major muscle groups. Students will learn to apply these self defense techniques on Wavemasters and focus mitts to improve accuracy and provide resistance for the muscles. Specific strengthening and stretching exercises will also be included in this class.

FITNS 307 Aerobic Mix 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course is designed to help the student develop a balanced physical fitness profile and gain a firm understanding of physical fitness concepts. Class components will emphasize a variety of aerobic activities, calisthenics, resistance exercises, and flexibility.

FITNS 324 Mat Pilates 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

Mat Pilates is a systematic method of mindful and precise conditioning exercises designed to develop core strength, flexibility, and bodily awareness. Through regular practice of the theoretical, philosophical and applied principles of the Pilates method, students can expect to enjoy improved posture, strength, control, balance, flexibility, and concentration. Students will be required to purchase a mat.

FITNS 331 Boot Camp Fitness 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(a)

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course is designed to be a physically intense and challenging fitness class. Training exercises used during this class will include jogging, interval training, hill running training, obstacle courses, and performing a variety of calisthenics designed to enhance muscular strength and endurance. In addition, students will be challenged to understand and apply fitness training principles to their training sessions. The students will train individually, with a partner or in a team setting.

FITNS 332 Off Season Conditioning .5-1 Units

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete. Course content will include: sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training and flexibility exercises. This course may be taken four times for a maximum of four units of credit.

FITNS 352 Power Sculpting 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

Power Sculpting is a group training course designed to enhance muscular fitness, balance, and improve body composition through the use of resistance equipment, core training, calisthenics, and flexibility exercises.

FITNS 380 Circuit Weight Training 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

Circuit Weight Training will introduce the student to a fitness program of progressive resistive exercises designed to promote improvement in muscular strength and endurance, cardiovascular endurance, and flexibility, as well as decrease in body fat percentage. The student will move in a prescribed circuit (alternating timed lifting with active recovery) utilizing machines, free weights, cardiovascular activities, and flexibility training.

FITNS 381 Weight Training 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(a)

Course Transferable to UC/CSU

Hours: 54 hours LAB

This class is designed to develop muscular fitness through progressive resistance training. Students will set up a personalized weight training program based on fitness assessments and personal goals. Proper lifting technique, safety and program design will be emphasized.

FITNS 392 Yoga 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Enrollment Limitation: None.

Course Transferable to UC/CSU

Hours: 54 hours LAB

Yoga is an East Indian method of mind/body exercise designed to stretch, strengthen, and enhance muscle tone through the practice of asanas (poses) and pranayama (breathing exercises). Yoga practice plus meditation helps decrease stress and increase energy levels while improving focus, concentration, and self-realization. Students will be required to purchase a yoga mat.

FITNS 395 Stretch 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course in stretching will emphasize flexibility training for increased health and well-being through selected exercises designed to increase range of motion in the primary muscle groups and joints of the body. It is designed to improve flexibility, reduce stress and tension, improve coordination, increase range of motion, and prevent injuries. Students who participate in this class will gain a better understanding of how a comprehensive stretching routine will prepare for further vigorous activity such as sports, dance, martial arts, or work-related movements.

FITNS 410 Karate I 1 Unit

Course Family: Martial Arts - Empty Hand

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This class in karate shall introduce the student to beginning skills and movements in stances, blocking, punching, striking, kicking, kata (forms), and self-defense techniques. The course shall include all aspects of karate-specific physical conditioning as well as instruction in the history and traditions, philosophy, etiquette, manners, courtesy, and language of the martial arts. Students will be required to purchase a karate uniform.

FITNS 411 Karate II 1 Unit

Course Family: Martial Arts - Empty Hand

Prerequisite: FITNS 410 with a grade of "C" or better; students may also be permitted to enroll by instructor consent.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This karate course shall allow students to advance to an intermediate rank (Gokyu) in this Japanese martial arts form. Students will learn stances, blocks, punches, strikes, kicks, combination techniques, katas, self-defense techniques, demeanor and presentation skills appropriate to this rank. This course shall include all aspects of karate-specific physical conditioning, as well as, instruction in the history, traditions, philosophy, etiquette, manners, courtesy, and language of the martial arts. Students will be required to purchase a karate uniform.

FITNS 414 Tai Chi 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course explores Tai Chi and Qigong. Tai Chi is an ancient Chinese martial art that emphasizes relaxation, meditation, self-cultivation, and inner calm rather than strength to promote health while reducing stress. Qigong is an internal Chinese meditative practice that uses slow graceful movements and controlled breathing techniques to promote well being. Students will learn Tai Chi and Qigong forms with visualizations and movements designed to bring oneself into balance. The history and philosophy of Tai Chi will also be discussed.

FITNS 415 Karate III 1 Unit

Course Family: Martial Arts - Empty Hand

Prerequisite: FITNS 411 with a grade of "C" or better; students may also be permitted to enroll by instructor consent.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

The course shall introduce students to Yonkyu (upper intermediate) level skills, stances, blocking, punching, striking, kicking, kata (forms) and self-defense techniques in Karate. This course shall include all aspects of karate-specific physical conditioning, as well as, instruction in the history, traditions, philosophy, etiquette, manners, courtesy, and language of the martial arts. Students will be required to purchase a karate uniform.

FITNS 418 Okinawan Kobudo II 1 Unit

Course Family: Martial Arts - Weapons

Prerequisite: FITNS 413 with a grade of "C" or better; students may also be permitted to enroll by instructor consent.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

Okinawan Kobudo II is the study of the ancient method of self-defense with weapons, commonly known to be the bo staff, sai, tonfa, kama, nunchaku, tanto, tanbo, jo staff, and boat oar. This course will focus on katas (forms) and techniques particular to the tonfa and kama. This martial arts class will teach students to use these historically agricultural tools as weapons and 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. Students will be required to purchase a kobudo uniform.

FITNS 419 Okinawan Kobudo III 1 Unit

Course Family: Martial Arts - Weapons

Prerequisite: FITNS 418 with a grade of "C" or better; students may also be permitted to enroll by instructor consent.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

Okinawan Kobudo III is the study of the ancient method of self-defense with weapons, commonly known to be the bo staff, sai, tonfa, kama, nunchaku, tanto, tanbo, jo staff, and boat oar. This course will focus on katas (forms) and techniques particular to the tanbo and nunchaku. This martial arts class will not only introduce students to the use of these historically agricultural tools as weapons, but will also 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. Students will be required to purchase a kobudo uniform.

FITNS 495 Independent Studies in Fitness**1-3 Units**

Prerequisite: None

General Education: CSU Area E2

Course Transferable to CSU

Hours: 54 hours LAB

FITNS 499 Experimental Offering in Fitness**.5-4 Units**

Prerequisite: None.

General Education: CSU Area E2

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

This course offers a low impact, controlled group workout designed for individuals who need to improve mobility, balance and coordination; increase overall fitness and muscle strength; reduce the risk of falls; and enhance functional fitness. Class components include, but are not limited to stretching, walking, chair exercises, strength training utilizing resistance bands and light weights, breathing exercises, Yoga poses and Tai Chi forms. The class is appropriate for students who have been out of physical activity for a long period of time, seniors, students with injuries, students with disabilities, students who cannot participate in more vigorous weight bearing activities, and students who need to enhance functional fitness. This course may be taken three times for credit.

Kinesiology (KINES)

KINES 300 Introduction to Kinesiology 3 Units

Prerequisite: None.

Advisory: ENGWR 101 or ESLW 320

General Education: AA/AS Area III(b); CSU Area E1

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course will provide students with an orientation to the fields of physical education, kinesiology, fitness, and sport. Students will be introduced to the history, philosophy, pedagogy, sociology, and psychology associated with these fields. In addition, students will learn about career opportunities in education, coaching, health, fitness, sports management, and sports media. This course was formerly known as PET 300. This course is not open to those that have received credit for PET 300.

**KINES 410 Personal Trainer Certification:
Exercise Science & Fitness Assessment 3 Units**

Prerequisite: None.

Advisory: BIOL 310

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to provide the theoretical knowledge necessary to prepare for the American Council on Exercise's National Personal Training Certification Exam. Topics include the following: exercise physiology, human anatomy, applied kinesiology, basic nutrition, health screening, the theory of fitness assessment, and exercise adaptation. This was formerly known as PET 410.

**KINES 411 Personal Trainer Certification:
Program Design & Instructional Methodology
3.5 Units**

Prerequisite: KINES 410 with a grade of "C" or better
Course Transferable to CSU

Hours: 54 hours LEC ; 27 hours LAB

This course is designed to provide the student with the theoretical knowledge and practical skills needed to prepare for the American Council on Exercise's National Personal Training Certification Examination. Topics include: application of the applied sciences, program design and implementation of integrated fitness training for healthy adults and special populations, communication, health psychology, teaching techniques, injury prevention and safety, professional responsibilities, and business fundamentals. This course was formerly known as PET 411.

KINES 416 Psychology of Sport 3 Units

Prerequisite: None.

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 54 hours LEC

This course will explore current and historical concepts, theories, and techniques of sport and fitness psychology and the role these concepts play in the achievement of optimal performance in sports and in life.

**KINES 417 Fitness Injury Prevention and
Management 2 Units**

Prerequisite: None.

Course Transferable to CSU

Hours: 36 hours LEC

This course is an introduction to the identification, care, prevention and management of chronic/overuse fitness injuries and basic first aid for the fitness industry instructor, or for the student of fitness or conditioning classes. This class does not deal with extreme trauma injuries that might occur in athletics. This course was formerly known as PET 417.

**KINES 498 Work Experience in Physical
Education 1-4 Units**

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Students must be in a paid or non-paid internship, volunteer opportunity or job related to physical education. Students are advised to consult with the Physical Education Department faculty to review specific certificate and degree work experience requirements.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within the field of physical education. It is designed for students interested in work experience and/or internships in transfer level degree occupational programs. Course content includes understanding the application of education to the workforce; completion of required forms which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. Appropriate level learning objectives are established by the student and the employer. During the semester, the student is required to fulfill a weekly orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The weekly orientation is required for first time participants; returning participants are not required to attend the orientation weekly but are required to meet with the instructor as needed to complete all program forms and assignments. Work Experience may be taken for a total of 16 units when there are new or expanded learning objectives.

**KINES 499 Experimental Offering in Physical
Education - Theory .5-4 Units**

Prerequisite: None

Course Transferable to CSU

Personal Activities (PACT)

PACT 300 Archery I 1 Unit

Course Family: Archery

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course in target archery shall emphasize basic skill development and practice in the various shooting techniques of the recurve bow and arrow. Topics will include safety and range procedures, correct shooting form, scoring, use of the mechanical sight, and methods for developing the physical and mental strategies necessary for improved shooting performance. The student shall gain an appreciation for the sport of archery as a lifetime leisure pursuit. Students will be required to purchase arm guards and fingers tabs.

PACT 350 Golf I 1 Unit

Course Family: Golf

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

This golf class will provide instruction and practice in the fundamental golf strokes: putting, chipping, pitching, full swing and hitting out of bunkers. Rules, terminology, etiquette, equipment, and the history of golf are also covered during class. This course is designed to provide sufficient skills and knowledge of the game to allow each student to be able to play the game on a regulation golf course. This course may be held on or off the main campus.

PACT 390 Tennis I 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Course Transferable to UC/CSU

Hours: 54 hours LAB

Tennis covers skills, rules, etiquette, and strategies of the game. Beginning tennis develops efficiency of basic skills such as ground strokes, serving, volleying, elementary strategies, and game rules. Intermediate tennis develops refinement of playing skills and strategies. Tennis stimulates enjoyable, cooperative, and competitive modes of behavior and promotes awareness of physical activity for life long health and fitness.

PACT 495 Independent Studies in Personal Activity 1-3 Units

Prerequisite: None

General Education: CSU Area E

Course Transferable to CSU

PACT 499 Experimental Offering in Personal Activity .5-4 Units

Prerequisite: None

General Education: CSU Area E

Course Transferable to CSU

Sports (SPORT)

SPORT 300 Baseball, Intercollegiate-Men 3 Units

Prerequisite: None.

General Education: AA/AS Area III(a)

Course Transferable to CSU

Enrollment Limitation: Prior to enrollment the student must demonstrate intercollegiate athletic skills as determined by a try-out conducted by the coaching staff.

Hours: 162 hours LAB

This is an advanced baseball team activity that provides competition with other community college teams. Fundamentals, rules, and individual and /or team strategies appropriate to intercollegiate athletics competition will be expected of the competitors. For practices students may be required to provide their own glove, cleats, a bat, and appropriate baseball attire.

SPORT 302 Off Season Conditioning for Baseball 3 Units

Prerequisite: None.

General Education: AA/AS Area III(a)

Course Transferable to CSU

Enrollment Limitation: It is advised that students taking this course have played 2 years of high school varsity baseball. A demonstration of collegiate level baseball skills may be required through a tryout administered by the instructor.

Hours: 162 hours LAB

This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of baseball. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. Students will need to provide themselves with appropriate baseball attire, cleats, a mitt, and a bat.

**SPORT 320 Cross Country, Intercollegiate-Men
3 Units**

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2
Enrollment Limitation: Prior to enrollment, the student must demonstrate intercollegiate athletic skills via a tryout conducted by the coaching staff.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This is an advanced cross-country team activity for male students that provides competition with other community college teams. Knowledge of running fundamentals, rules, and individual and/or team strategies appropriate to intercollegiate athletic competition will be expected of competitors. This course may be taken four times for credit. Appropriate workout clothing and running shoes will be required. A timing device is recommended.

SPORT 325 Cross Country, Intercollegiate-Women 3 Units

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2
Enrollment Limitation: Prior to enrollment, the student must demonstrate intercollegiate athletic skills via a tryout conducted by the coaching staff.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This is an advanced cross-country team activity for female students that provides competition with other community college teams. Knowledge of running fundamentals, rules, and individual and/or team strategies appropriate to intercollegiate athletic competition will be expected of competitors. This course may be taken four times for credit. Appropriate workout clothing and running shoes will be required. A timing device is recommended.

SPORT 340 Golf, Intercollegiate-Men 3 Units

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2
Enrollment Limitation: Prior to enrollment, the student must demonstrate intercollegiate golf skills via a tryout conducted by the coaching staff.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is an advanced golf team activity for male students that provides competition against other community college teams. Golf fundamentals, rules, individual and/or team strategies appropriate to intercollegiate athletic competition will be expected of the competitors. This course may be taken four times for credit.

**SPORT 345 Golf, Intercollegiate-Women
3 Units**

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2
Enrollment Limitation: Prior to enrollment, the student must demonstrate intercollegiate golf skills via a tryout as conducted by the coaching staff.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is an advanced golf team activity for female students that provides competition against other community college teams. Golf fundamentals, rules, individual and/or team strategies appropriate to intercollegiate athletic competition will be expected of the competitors. This course may be taken four times for credit.

SPORT 350 Soccer, Intercollegiate-Men 3 Units

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E
Enrollment Limitation: Prior to enrollment, the student must demonstrate intercollegiate athletic skills as determined by a tryout conducted by the coaching staff.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is an advanced soccer team activity for male student athletes which provides an opportunity for competition against other community college teams. This course is designed to build student athletes' soccer fundamentals and skills, review rules, and teach individual and/or team strategies appropriate to intercollegiate athletics competition. Students will be required to purchase soccer cleats. This course may be taken four times for credit.

**SPORT 352 Off-Season Conditioning for Soccer
2 Units**

Prerequisite: None.

General Education: AA/AS Area III(a)

Enrollment Limitation: The student must demonstrate intercollegiate athletic soccer skills as determined by a try-out conducted by the coaching staff to remain in the course.

Course Transferable to CSU

Hours: 108 hours LAB

This course covers off-season training and conditioning skills and techniques specific for intercollegiate soccer. Topics include skill development, strength training, cardiovascular conditioning, and speed training. Students will need to provide themselves with appropriate soccer attire, soccer cleats, and shin guards.

**SPORT 353 Pre-Season Conditioning for Soccer
1 Unit**

Prerequisite: None.

General Education: AA/AS Area III(a)

Enrollment Limitation: The student must demonstrate intercollegiate athletic soccer skills as determined by a try-out conducted by the coaching staff to remain in the course.

Course Transferable to CSU

Hours: 54 hours LAB

This course covers pre-season training and conditioning skills and techniques specific for intercollegiate soccer. Topics include skill development, strength training, cardiovascular conditioning, and speed training. Students will need to provide themselves with appropriate soccer attire, soccer cleats, and shin guards.

**SPORT 355 Soccer, Intercollegiate-Women
3 Units**

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Enrollment Limitation: Prior to enrollment, the student must demonstrate intercollegiate athletic skills as determined by a tryout conducted by the coaching staff.

Course Transferable to UC/CSU

Hours: 180 hours LAB

This course is an advanced soccer team activity for female student athletes which provides an opportunity for competition against other community college teams. This course is designed to build student athletes' soccer fundamentals and skills, review rules, and teach individual and/or team strategies appropriate to intercollegiate athletics competition. Students will be required to purchase soccer cleats. This course may be taken four times for credit.

**SPORT 365 Softball, Intercollegiate-Women
3 Units**

Prerequisite: None.

General Education: AA/AS Area III(a)

Enrollment Limitation: Prior to enrollment, the student must demonstrate intercollegiate athletic skills determined by a tryout conducted by the coaching staff.

Course Transferable to CSU

Hours: 162 hours LAB

This is an advanced softball team activity that provides competition with other community college teams. Fundamentals, rules, and individual and/or team strategy appropriate to intercollegiate athletic competition will be expected of the competitors. For practices students may be required to provide their own glove, cleats, a bat, and appropriate softball attire.

**SPORT 367 Off Season Conditioning for Softball
3 Units**

Prerequisite: None.

General Education: AA/AS Area III(a)

Enrollment Limitation: It is advised that students taking this course have participated at the varsity level in high school or competed on a summer travel ball team.

Course Transferable to CSU

Hours: 162 hours LAB

This physical education course involves a combination of basic skills and strategy tactics with an emphasis on a fitness component for the sport of softball. The course will also offer a mental training component for peak performance. This course is designed to prepare students for intercollegiate softball competition. Students will need to provide themselves with appropriate softball attire, cleats, a mitt, and a bat.

SPORT 380 Tennis, Intercollegiate-Men 3 Units

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Enrollment Limitation: Prior to enrollment, the student must demonstrate intercollegiate athletic skills via a tryout conducted by the coaching staff.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This is an advanced tennis team activity for male students that provides competition with other community college teams. Knowledge of tennis fundamentals, rules, and individual and/or team strategies appropriate to intercollegiate athletic competition will be expected of competitors. This course may be taken four times for credit. Students may be required to provide their own tennis racquets.

**SPORT 385 Tennis, Intercollegiate-Women
3 Units**

Prerequisite: None.

General Education: AA/AS Area III(a); CSU Area E2

Enrollment Limitation: Prior to enrollment, the student must demonstrate intercollegiate athletic skills via a tryout conducted by the coaching staff.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This is an advanced tennis team activity for female students that provides competition with other community college teams. Knowledge of tennis fundamentals, rules, and individual and/or team strategies appropriate to intercollegiate athletic competition will be expected of competitors. This course may be taken four times for credit. Students may be required to provide their own tennis racquets.

Team Activities (TMACT)

TMACT 302 Soccer - Outdoor 1 Unit

Course Family: Soccer

Prerequisite: None.

General Education: AA/AS Area III(a)

Course Transferable to UC/CSU

Hours: 54 hours LAB

The purpose of this course is to provide students with the basic knowledge and skills needed to play outdoor soccer. This course emphasizes defense, offense, passing, ball control, heading, and shooting. It covers the skills, strategy, tactics, and rules that govern the play of outdoor soccer. Students will be required to purchase appropriate shoes for field turf and shin guards.

TMACT 303 Outdoor Soccer II 1 Unit

Prerequisite: None.

Advisory: TMACT 302 with a grade of "C" or better

General Education: AA/AS Area III(a)

Course Transferable to CSU

Hours: 54 hours LAB

This course emphasizes an intermediate level of technical skills, tactical knowledge, and rules, as well as defensive and offensive patterns of play. Students will need to provide themselves with appropriate soccer attire, cleats, and shin guards.

Liberal Studies for Elementary Education

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AA – Liberal Studies for Elementary Education

This major is designed for students who wish to be teachers in public and private elementary schools. Further education at the university level will be required to fulfill all requirements for a teaching credential authorizing service in California public schools.

Career Options

Teacher, primary grades; Teacher, intermediate grades; Instructional Assistant

Classes beyond the associate degree may be required to fulfill some career options or for preparation for transfer to a university program.

Highlights

This major is especially designed for students who plan to transfer into California State University, Sacramento’s Liberal Studies Program, which is a major for prospective elementary school teachers. This AA degree program provides all of the lower division courses necessary to gain admission to the university and the teacher credential program.

Other CSUS Requirements:

- Foreign Language: Students must complete the 2nd semester elementary level. Speakers of languages other than English may see a counselor about qualifying for an exemption.
- 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 301/ENGWR 302).
- The Intermediate Algebra Diagnostic exam should be taken shortly after completing Intermediate Algebra (MATH 120).
- It is recommended that the CBEST be taken anytime after taking ENGWR 300, ENGWR 301 OR 302, and MATH 310.

When enrolled in ECE 350, students should request a letter of recommendation from the elementary school teacher with whom they work or from the ECE professor.

Other Associate in Arts degree requirements:

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

NOTE: Please check with a counselor first, before beginning this program, as requirements are subject to change.

DEGREE
AA – Liberal Studies for Elementary Education

REQUIRED PROGRAM.....	Units
ART 430 Art and Children	3
BIOL 307 Biology of Organisms	4
COMM 361 The Communication Experience	3
ECE 350 Introduction to Elementary Teaching with Field Experience	3
ECON 302 Principles of Macroeconomics	3
ENGED 305 Structure of English.....	3
ENGED 320 Service Learning: Tutoring Elementary Students in Reading	3
ENGWR 300 College Composition.....	3
ENGWR 301 College Composition and Literature (3) or	
ENGWR 302 Advanced Composition and Critical Thinking (3)	3
GEOL 305 Earth Science	3
GEOL 306 Earth Science Laboratory.....	1
HIST 307 History of World Civilizations to 1500	3
HIST 308 History of World Civilizations, 1500 to Present.....	3
HIST 312 History of the United States (to 1865)	3
MATH 310 Mathematical Discovery	3
POLS 301 Introduction to Government: United States.....	3
PSYC 372 Child Development (3) or	
ECE 312 Child Development (3)	3
SOC 321 Race, Ethnicity and Inequality in the United States (3) or	
COMM 325 Intercultural Communication (3) or	
PSYC 368 Cross Cultural Psychology (3).....	3
TOTAL UNITS REQUIRED.....	53

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

Program Student Learning Outcomes

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

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

Library

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

The Folsom Lake College Library courses teach vital research skills that enable students to achieve success in their college classes, careers, and 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. A schedule of our drop-in library instructions is available on the library home page. Please stop by the reference desk to pick up a helpful handout, obtain individual assistance, or for more information.

Students interested in a paraprofessional library career can complete the Library and Information Technology program available at Sacramento City College.

Students interested in a professional library career need a bachelor’s degree and a graduate Library and Information Science degree.

Highlights

- Become familiar with academic library organization.
- Learn how to select and use appropriate information sources.
- Develop skills to effectively design online search strategies.
- Learn how to evaluate print and online information resources.

Library (LIBR)

LIBR 318 Library Research and Information Literacy 1 Unit

Prerequisite: None.

General Education: AA/AS Area III(b)

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. It emphasizes developing effective search strategies, selecting information tools, locating and retrieving information sources, analyzing and critically evaluating information, organizing and using information.

LIBR 499 Experimental Offering in Library .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Management

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AA – Management

CERTIFICATE OF ACHIEVEMENT

Purchasing

*For Certificate of Achievement in Public Management, see “Public Management” section.

This broad-based management program offers introductory courses as well as more specialized ones ranging from studies of standard corporate organization to analyzing the small business.

Managers help organizations achieve their objectives through effective planning, organizing, directing, and controlling. The management program attempts to develop an understanding of the importance and diversity of its related fields.

This program prepares students for entry into a company management training program and upgrades the skills of those already working in industry, allowing them to advance to supervisory positions. Students planning vocations in personnel services or analyst positions in state or federal government service should also consider this degree program.

Career Options

Branch Manager; Department Manager; First-line Supervisor; Office Manager; Plant Manager; Project Manager; Entrepreneur; Shift Supervisor; Small Business Owner/Manager; Purchasing Clerk; Purchasing Managers; Purchasing Agents and Buyers.

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

AA – Management

REQUIRED PROGRAM.....	Units
ACCT 301 Financial Accounting	4
ACCT 311 Managerial Accounting	4
BUS 300 Introduction to Business.....	3
BUS 330 Managing Diversity in the Workplace	3
BUS 340 Business Law	3
CISC 310 Intro to Computer Information Science or Any three (3) additional units selected from:	
CISA 300, 308, 310, 320, CISC 300, 308, 320	3
ECON 302 Principles of Macroeconomics or ECON 320/BUS 320 Concepts of Personal Finance	3
MGMT 362 Techniques of Management	3
MGMT 372 Human Relations & Organizational Behavior	3
TOTAL UNITS REQUIRED.....	29

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

This program prepares students for entry into a company management training programs and upgrades the skills of those already working in industry, allowing them to advance to supervisory positions. Students planning vocations in personnel services or analyst positions in state or federal government service should also consider this degree program.

Program Student Learning Outcomes

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

- Incorporate leadership skills and abilities that are effective in managing a multicultural workforce.
- Analyze practical business problems.
- Apply current management philosophies to current management problems.
- Integrate management principles in relationship to finance, personnel, products, services and information.
- Demonstrate effective communication verbally and in writing in various business settings.
- Utilize critical thinking and research skills in the evaluation of alternative solutions.

CERTIFICATE OF ACHIEVEMENT**Purchasing**

REQUIRED PROGRAM.....	Units
MGMT 230 Introduction to Purchasing Contracts	3
MGMT 231 Negotiation Planning.....	3
MGMT 233 Purchasing Organization Management	3
BUS 300 Introduction to Business.....	3
CISA 310 Introduction to Electronic Spreadsheets	1
BUS 310 Business Communications (3) or COMM 311 Argumentation and Debate (3)	3
TOTAL UNITS REQUIRED.....	16

For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041255C01>

The Folsom Lake College Certificate in Purchasing is a 16-unit program, comprising three core purchasing courses, two business courses, and one communications elective course. This program is meant to prepare students for a career in purchasing in firms of any industry, or to work in jobs where a solid foundation in purchasing is a competitive advantage, such as sales, finance, accounting, accounts receivable/payable, operations, manufacturing, information technology, logistics, site services management, engineering, and research and development. It is a highly applicable skill set in nearly every business function in modern day corporations.

Program Student Learning Outcomes

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

- Summarize the role and importance of purchasing in the corporation, and the obligations purchasing has to the board of directors, internal customers, and to the community at large.
- Express how to prepare for and conduct supplier negotiations using both behavioral and data-based techniques that enable achievement of lowest total cost results.
- Explain and understand how to develop and use a purchasing contract to mitigate business and legal risk.
- Articulate how to utilize supplier management practices to ensure effective supplier performance and management of contract breach.

Management (MGMT)**MGMT 230 Introduction to Purchasing Contracts 3 Units**

Prerequisite: None.

Advisory: BUS 310 or MGMT 360

Hours: 54 hours LEC

This course introduces students to purchasing contract theory and practice. Topics include: Uniform Commercial Code; contractual business and legal risk mitigation; contract development for goods and services purchases; scope of work and specification development; and contract breach.

MGMT 231 Negotiation Planning 3 Units

Prerequisite: None.

Advisory: BUS 310 or MGMT 360

Hours: 54 hours LEC

This course introduces students to the concept of “total cost”, and teaches the skills to perform cost analysis in support of supplier selection and effective supplier negotiations. Students will also participate in mock negotiations using the techniques learned in this course.

MGMT 233 Purchasing Organization Management 3 Units

Prerequisite: None.

Advisory: BUS 310 or MGMT 360

Hours: 54 hours LEC

This course is focused on the management of a global or regional purchasing operation within a corporation. Concepts covered include organizational structure, hiring, success metrics, tactical and strategic purchasing focus areas, community and environmental obligations, purchasing code of ethics, purchasing policies and procedures, and eCommerce tools and applications.

MGMT 308 Personnel and Human Resources Management 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course presents the student with the materials necessary to begin the complex study and analysis of such areas as civil rights, labor law, the personnel “Human Resources” organization and various management theories currently found in both public and private sector organization.

**MGMT 310 Introduction to Public Management
3 Units**

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course provides an introduction to the field of public management. It introduces students to the fundamental components of public management including public organizational relations and roles, leadership, ethics, fiscal management and policymaking. It also addresses the political, intergovernmental, and external environments in which public managers function.

MGMT 311 Introduction to Public Financial Administration 3 Units

Prerequisite: None.

Advisory: BUS 300

Course Transferable to CSU

Hours: 54 hours LEC

This course provides an overview to the field of Public Financial Administration. It examines financial administration in public and not-for-profit organizations. Topics include concepts and activities in public financial management, budgeting, taxation, revenue planning, borrowing, fiscal controls, and the analytical skills needed to direct and control public fiscal activities.

MGMT 315 Government Relations and Policy Development 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course provides a practical overview of the public policy process and its implication for government decision-making. It explores a number of concepts associated with policy analysis and aims to provide students with practical hands-on skills that can be used in a variety of policy settings. Topics covered in this course will include policy writing and research, political lobbying, the legislative process, stakeholder consensus building, and ethics in policy making.

**MGMT 360 Management Communication
3 Units**

Prerequisite: None.

Advisory: MGMT 362

General Education: AA/AS Area II(b)

Course Transferable to CSU

Hours: 54 hours LEC

This course provides skill training in utilizing communication opportunities in organizations that includes the study of the communication process, the analysis of the barriers to effective oral and written communication, and the development of guidelines to improve interpersonal relations within an organization through the effective methods of oral and written communications.

MGMT 362 Techniques of Management 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed for entrepreneurs and other managers as well as those entering mid-management positions. It focuses on primary management functions of planning, organizing, controlling, and leading. Related skills such as time management, cost control, performance evaluation, motivation, communication techniques, and the social responsibility of managers are also emphasized. The course provides a clear understanding of management and leadership tasks as well as skill development in essential management activities.

MGMT 372 Human Relations and Organizational Behavior 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course emphasizes the psychology of human relations management. It covers human interaction principles that build confidence, competence, leadership and management plans and positive attitudes in work organizations. Topics include the basis for human behavior, perception, communication, motivation, performance improvement, group behavior, negotiation, ethics and social responsibility.

**MGMT 495 Independent Studies in Management
1-3 Units**

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC ; 3 hours LAB

Please see the current catalog.

MGMT 498 Work Experience in Management**1-4 Units**

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to management. Students are advised to consult with the Management/Business Department to review specific certificate and degree work experience requirements.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

MGMT 499 Experimental Offering in Management .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Marketing

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AA – 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
AA – Marketing

REQUIRED PROGRAM.....	Units
ACCT 301 Financial Accounting	4
BUS 310 Business Communications	3
BUS 330 Managing Diversity in the Workplace	3
BUS 340 Business Law	3
BUS 300 Introduction to Business.....	3
BUSTEC 302 Computer-Keyboarding	2
A minimum of 3 units from the following:	3
CISC 310 Introduction to Computer Information Science (3)	
CISC 300 Computer Familiarization (1)	
and CISA 300 Beginning Word Processing (1)	
or CISA 310 Introduction to Electronic Spreadsheets (1)	

or CISA 320 Introduction to Database Management (1)	
or CISC 320 Operating Systems (1)	
ECON 302 Principles of Macroeconomics (3)	
or ECON 320 Concepts in Personal Finance (3)	3
MGMT 362 Techniques of Management	3
MKT 300 Principles of Marketing	3
MKT 310 Selling Professionally	3
MKT 314 Advertising.....	3
A minimum of 3 units from the following:	3
MKT 312 Retailing (3)	
BUS 350 Small Business Management/ Entrepreneurship (3)	
BUS 210 The Business Plan (1)	
or BUS 212 Marketing for Small Businesses (1)	
or BUS 214 Financing a Small Business (1)	
or BUS 224 Customer Service (1)	
A minimum of 3 units from the following:	3
BUS 498 Work Experience in Business (1 - 4)	
or any combination of Human/Career Development	
TOTAL UNITS REQUIRED.....	42

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

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

Program Student Learning Outcomes

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

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

Marketing (MKT)

MKT 120 Survey of International Business 3 Units

Prerequisite: None

Hours: 54 hours LEC

This course is a comprehensive overview of international business designed to provide both beginners and experienced business people with a global perspective on international trade including foreign investments, impact of financial markets, and the operation of multinational corporations.

MKT 122 International Marketing 3 Units

Prerequisite: None

Hours: 54 hours LEC

This course presents the problems of marketing in the international marketplace and how marketers approach and solve them. The course focuses on concepts and principles by teaching the theory and practice of international marketing through the use of practical examples and actual case studies of international, both United States and foreign, marketing organizations. Studies include: international marketing position of the United States, market entry strategies, analysis of foreign markets, culture and marketing, product design, pricing, distribution, promotion and sales.

MKT 295 Independent Studies in Marketing 1-3 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

MKT 299 Experimental Offering in Marketing .5-4 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

MKT 300 Principles of Marketing 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course is a general overview of marketing principles. The course covers the process of planning and executing the conception, pricing, promotion, and distribution of ideas, goods and services to create exchanges that satisfy individual and organizational goals. Elements of the marketing environment such as government regulation, environmental protection, competition, and consumer behavior will be analyzed.

MKT 310 Selling Professionally 3 Units

Prerequisite: None.

Advisory: BUS 105 and ENGWR 101

Enrollment Limitation: None

Course Transferable to CSU

Hours: 54 hours LEC

This course examines the elements of successful professional selling. This course emphasizes the development of a business personality and its application to the approach, direction, and closing of a sale. Different types of selling experience such as direct, industrial, wholesale, and retail are covered. This class is recommended for those entering any field of business careers.

MKT 312 Retailing 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course will study modern retail operations with emphasis on consumer behavior, store location and layout, sourcing of goods, pricing, organization, promotion, management and other pertinent factors of retail operations.

MKT 314 Advertising 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course is an introduction to the field of advertising, its history, purpose, institutions, and functions. Studies are made of the various media used in general advertising, as well as the effective use of these media. Students will produce ads and advertising campaigns.

MKT 330 Internet Marketing 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course is designed to provide both the novice and skilled business person with a working knowledge of how to use Internet marketing. Students will be introduced on how to interact with specialists to devise strategies that build customer relations through technological strategies. These specialists may include network specialists, systems analysts, graphic designers, or web masters. Students will have a good understanding of how this technology can be used to help his/her business be more successful.

MKT 495 Independent Studies in Marketing 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

MKT 498 Work Experience in Marketing**1-4 Units**

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity or job related to career goals.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

MKT 499 Experimental Offering in Marketing**.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Mathematics & Statistics

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE

AS – Mathematics
AS-T – Mathematics

Mathematics is a multifaceted subject of great beauty and application. The study of mathematics explores some of the deepest puzzles that have ever been encountered and equips the student with a universal language used to study quantities and relationships in all fields. The study of mathematics provides students with the ability to think logically and abstractly and develop the problem-solving and computational skills necessary for success in any field of study.

Career Options

Actuary; Architecture; Assessor; Auditor; Biologist; Budget Analyst; Chemist; Controller; Computer Programmer; Demographer; Dentist; Doctor; Economist; Engineering; Epidemiologist; Finance; Mathematician; Operations Researcher; Statistician; Public Opinion Analyst; Surveyor; Systems Analyst; Teacher; Veterinary Science

Most of these careers require education beyond the two-year college level.

Highlights

- A professional and innovative staff committed to providing the best possible mathematics education
- A comprehensive mathematics curriculum addressing the needs of both the transfer student and the non-transfer student
- A program that uses assessment for proper placement of students

DEGREE

AS – Mathematics

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

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

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

Program Student Learning Outcomes

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

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

DEGREE**AS-T – Mathematics**

REQUIRED PROGRAM.....	Units
MATH 400 Calculus I.....	5
MATH 401 Calculus II.....	5
MATH 402 Calculus III.....	5
MATH 410 Introduction to Linear Algebra.....	3
MATH 420 Differential Equations.....	4
TOTAL UNITS REQUIRED.....	22

Students are required to:

- Complete a minimum of 19 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework.
- Complete 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- No more than 60 semester units are required.
- A "P" (Pass) grade is not an acceptable grade for courses in the major.

This mathematics program provides students the opportunity to complete the lower-division coursework required for a program in a mathematics related field at a California State University (CSU). This program is for students who plan to transfer. Completion of the CSU General-Breadth or IGETC general education pattern is required. It is highly recommended that students meet with a counselor and department faculty because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

Program Student Learning Outcomes

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

- Explain and apply basic concepts of single variate calculus including various forms of derivatives and integrals, their interconnections, and their uses in analyzing and solving real-world problems.
- Explain and apply basic concepts of multivariate calculus, linear algebra, or differential equation techniques, their interconnections, and their uses in analyzing and solving real-world problems.
- Write logical proofs of basic theorems.
- Use appropriate applications to demonstrate mathematical problem solving.

Mathematics (MATH)**MATH 20 Arithmetic 5 Units**

Prerequisite: None.

Hours: 90 hours LEC

This course provides group and individual instruction in the fundamentals of arithmetic with an emphasis on written and mental computational skills. In order to enhance mental computational skills, calculators will not be allowed. Topics include operations with whole numbers, fractions, decimals, signed numbers, percents, ratios, proportions, problem solving, and applications involving measurement and geometry.

MATH 30 Pre-Algebra Mathematics 5 Units

Prerequisite: MATH 20 or 25 with a grade of "C" or better; or placement through the assessment process.

Hours: 90 hours LEC

This course in prealgebra mathematics emphasizes the fundamental operations on integers and decimals as well as in geometric figures, measurement, and algebra with an emphasis on written and mental computational skills. Topics include: fractions; decimals; signed numbers; properties of exponents; scientific notation; evaluation of expressions and formulas; linear equations; algebraic manipulations on polynomials; and the rectangular coordinate system.

MATH 100 Elementary Algebra 5 Units

Prerequisite: MATH 30 with a grade of "C" or better; or placement through the assessment process.

Hours: 90 hours LEC

This course includes the fundamental concepts and operations of algebra with problem solving skills emphasized throughout. Topics include: properties of real numbers, linear equations and inequalities, integer exponents, polynomials, factoring polynomials, rational expressions and equations, radical expressions and equations, systems of linear equations and inequalities, the rectangular coordinate system, graphs and equations of lines, and solving quadratic equations.

MATH 110 Elementary Geometry 5 Units

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

General Education: AA/AS Area II(b)

Hours: 90 hours LEC

This course covers aspects of elementary geometry. Topics include terms and definitions, properties of parallel lines and parallelograms, congruent and similar triangles, properties of triangles, right triangles, and basic trigonometry. Later topics include properties of circles, construction of loci, areas, and volumes. The course also emphasizes problem solving strategies, elementary logic, and reading and writing proofs.

MATH 120 Intermediate Algebra 5 Units

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

General Education: AA/AS Area II(b)

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

MATH 295 Independent Studies in Mathematics 1-3 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

MATH 299 Experimental Offering in Mathematics .5-4 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

MATH 310 Mathematical Discovery 3 Units

Prerequisite: MATH 110 (or Geometry), AND MATH 120 both with a grade of "C" or better; or equivalent skills demonstrated through the assessment process.

General Education: AA/AS Area II(b); CSU Area B4
Course Transferable to CSU

Hours: 54 hours LEC

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

MATH 335 Trigonometry with College Algebra 5 Units

Prerequisite: Math 120 (Intermediate Algebra) and Geometry; both with a grade of "C" or better; or placement through the assessment process.

General Education: AA/AS Area II(b); CSU Area B4
Course Transferable to CSU

Hours: 90 hours LEC

This is a full trigonometry course with college algebra concepts reviewed, extended, and integrated when they are relevant to the trigonometric concepts. The trigonometric topics include right triangle trigonometry, unit circle trigonometry, graphs of trigonometric functions, proofs of trigonometric identities, solving trigonometric equations, applications of trigonometric functions (laws of sines and cosines), inverse trigonometric functions, polar coordinates, graphing polar functions, and vectors. The algebra topics include exponential and logarithmic functions, complex numbers, in addition to solving equations, inequalities, and systems of equations. A graphing calculator may be required for this course.

**MATH 343 Modern Business Mathematics
4 Units**

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

General Education: AA/AS Area II(b); CSU Area B4

Course Transferable to CSU

Hours: 72 hours LEC

This course is designed around applications of mathematics in an economic and business context. The major topics included are functions, finance (interest and exponential models), rates of change, optimization, and linear programming. The content of the course is structured to incorporate tables, graphs and data sets collected from real-world situations. This course is not recommended for mathematics or physical science majors.

**MATH 350 Calculus for the Life and Social
Sciences I 3 Units**

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

General Education: AA/AS Area II(b); CSU Area B4; IGETC Area 2

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to calculus. Topics include functions, trigonometric functions, limits, analytic geometry, and differential calculus with applications to business, social, and biological sciences. This course is intended for students majoring in social and biological sciences.

**MATH 351 Calculus for the Life and Social
Sciences II 3 Units**

Prerequisite: MATH 350 with a grade of "C" or better

General Education: AA/AS Area II(b); CSU Area B4; IGETC Area 2

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a continuation of Math 350. Topics include: definite and indefinite integrals, power series, analytic geometry, multivariate calculus, and differential equations with applications to business, social, and biological sciences. Not open to students who have received credit for MATH 401 or higher level mathematics course. See "Cross-Listed Courses" in the catalog.

MATH 370 Pre-Calculus Mathematics 5 Units

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

General Education: AA/AS Area II(b); CSU Area B4; IGETC Area 2

Course Transferable to UC/CSU

Hours: 90 hours LEC

This course is designed to prepare students for Calculus (Math 400 - 402). Course content includes a brief review followed by an in-depth extension of the properties of polynomial, rational, exponential, logarithmic and trigonometric functions. Additional topics include systems of linear and non-linear equations and inequalities, conic sections, sequences and series, binomial theorem, analytic geometry, vectors, parametric, and polar equations. A graphing calculator may be required for this course.

MATH 400 Calculus I 5 Units

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

General Education: AA/AS Area II(b); CSU Area B4; IGETC Area 2

Course Transferable to UC/CSU

Hours: 90 hours LEC

This course explores the basic concepts of analytic geometry, limits of functions, derivatives, and integrals. Topics covered will include finding the limits of functions by graphing and indeterminate forms of algebraic expressions. Derivatives and integrals involving algebraic, trigonometric, exponential, logarithmic, and inverse trigonometric functions will also be covered. Many applications will be covered, including those involving rectilinear motion, differentials, related rates, graphing, optimization, and finding areas of bounded regions. A graphing calculator may be required for this course. (C-ID MATH 210)

MATH 401 Calculus II 5 Units

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

General Education: AA/AS Area II(b); CSU Area B4; IGETC Area 2

Course Transferable to UC/CSU

Hours: 90 hours LEC

This course is a continuation of MATH 400. Topics covered include techniques of integration, numerical integration, improper integrals, infinite series, parametric equations, polar coordinates, and conic sections. Many applications will be covered including those involving areas between plane regions, volumes of revolution, work, moments and concepts of mass, average value, arc length, and surface area. A graphing calculator may be required for this course.

MATH 402 Calculus III 5 Units

Prerequisite: MATH 401 with a grade of "C" or better
 General Education: AA/AS Area II(b); CSU Area B4;
 IGETC Area 2

Course Transferable to UC/CSU

Hours: 90 hours LEC

This course extends the concepts of limits, derivatives and integrals to vector-valued functions and functions of more than one variable. Topics covered will include three-dimensional analytic geometry and vectors, partial derivatives, multiple integrals, line integrals, surface integrals, and the theorems of Green, Gauss (Divergence), and Stokes. Many applications of the calculus will be included. A graphing calculator may be required for this course. (C-ID MATH 230)

MATH 410 Introduction to Linear Algebra 3 Units

Prerequisite: MATH 400 with a grade of "C" or better
 General Education: AA/AS Area II(b); CSU Area B4
 Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces linear algebra. Topics include matrices, determinants, systems of equations, vector spaces, linear transformations, eigenvectors, and applications. This course is intended for majors in mathematics, engineering, science, and related fields.

MATH 420 Differential Equations 4 Units

Prerequisite: MATH 401 with a grade of "C" or better
 General Education: AA/AS Area II(b); CSU Area B4
 Course Transferable to UC/CSU

Hours: 72 hours LEC

This course is a study of ordinary differential equations, including linear equations, systems of equations, equations with variable coefficients, existence and uniqueness of solutions, series solutions, singular points, transform methods, boundary value problems, and applications.

MATH 495 Independent Studies in Mathematics 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

MATH 499 Experimental Offering in Mathematics .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Statistics (STAT)**STAT 300 Introduction to Probability and Statistics 4 Units**

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

General Education: AA/AS Area II(b); CSU Area B4;
 IGETC Area 2

Course Transferable to UC/CSU

Hours: 72 hours LEC

This course is an introduction to probability and statistics. Topics include: elementary principles and applications of descriptive statistics, counting principles, elementary probability principles, probability distributions, estimation of parameters, hypothesis testing, linear regression and correlation, and ANOVA. A scientific or graphing calculator with two-variable statistics capabilities may be required.

STAT 495 Independent Studies in Statistics 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

STAT 499 Experimental Offering in Statistics .5-4 Units

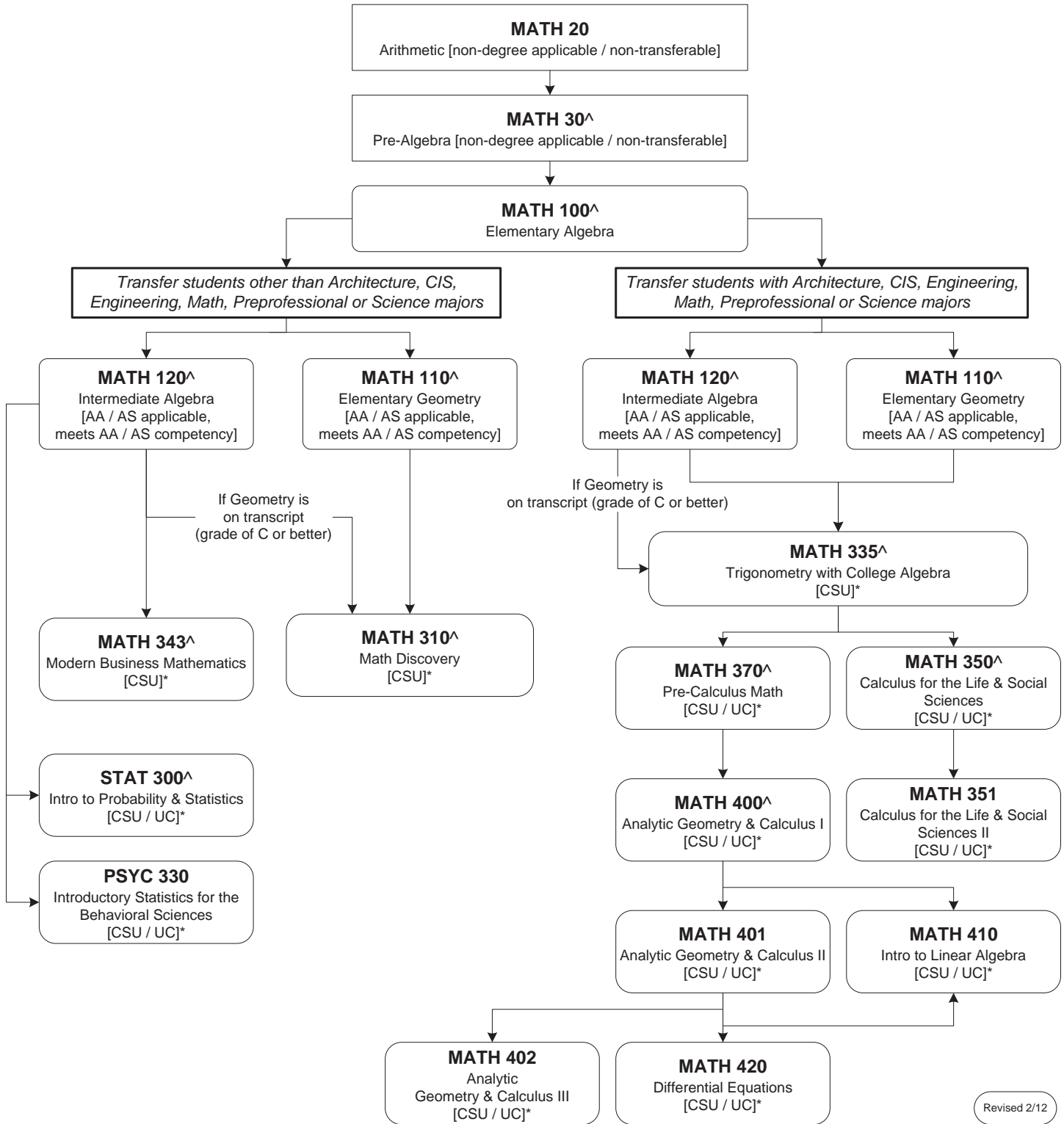
Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

FOLSOM LAKE COLLEGE MATH SEQUENCE

Based on the results of my assessment, I place in the following classes:



Revised 2/12

KEY:
* = Speak with a Counselor for Transfer Information ^ = Eligibility can be determined by Assessment Process

NOTE: Current as of March 2014; subject to change

Medical Technology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AS – Medical Laboratory Technician (MLT)

The Medical Laboratory Technician Program at Folsom Lake College is designed to prepare students to qualify for and pass the National Medical Laboratory Technician Licensing exam. The Folsom Lake College MLT Program is accredited by the California Department of Public Health (CDPH), Laboratory Field Services (LFS) and is in “serious candidate status” for NAACLS (National Accrediting Agency for Clinical Laboratory Sciences) <http://www.cdph.ca.gov/programs/lfs/Pages/default.aspx>.

The MLT Program includes aspects of didactic and clinical training to prepare students to step into functioning medical laboratories, either in a hospital or research lab setting. The Program has robust prerequisites and is intended to equip completers to execute any aspect of their profession both within and outside California. Not only will this approach prepare students for possible career advancement later, it will also result in the best possible preparation for a career as an MLT. For more detailed information related to the Program, students should consult the current version of the MLT Program Handbook available via the MLT Program website: <http://www.flc.losrios.edu/academics/medical-laboratory-technician>

Successful completion of the MLT Program requirements and general education graduation requirements of Folsom Lake College qualify the student for an AS degree in Medical Technology. Program completers are eligible to sit for the national MLT licensing exam administered by the American Society for Clinical Pathology (ASCP). Once a passing score on the ASCP National exam is achieved, graduates can apply for both State and National MLT Licensure.

To be eligible for enrollment in the program or in individual MEDTEC courses, the student must meet the following criteria:

- Complete the application process for enrollment

in the MLT program (specific information available on the MLT Program website).

- Fulfill all requirements set forth by the MLT student application guidelines including but not limited to: background clearance, physical examination, immunization clearance and drug screening. Students are subject to a background check and drug test to ensure that the student will ultimately be eligible for licensure as an MLT after successful Program completion.
- All students must have completed all program pre-requisites with a grade of “C” or better and have a minimum grade point average in those pre-requisite courses of 2.50; see available online information for more details.

The Program is designed to prepare the student for licensure, for employment, and to participate as a member of a health care team. As part of the Program, students will be placed in an operating medical laboratory as an intern in their final semester of Program residence. Completers of the Program will have demonstrated consistently professional, safe, and ethical practice.

Students admitted to the Program are responsible for providing a lab coat, laboratory fees (as applicable), malpractice insurance (available through the College to Program participants), minor necessary equipment, and transportation to off-campus locations. All costs/fees are subject to change.

Career Options

The role of the Medical Laboratory Technician is to perform routine laboratory analyses that are involved in the detection, diagnosis, and treatment of diseases. Program completers that successfully pass the National licensing exam and receive state licensure will be eligible to work in hospitals and research laboratories in California. It should be noted that passing the ASCP national license exam meets a requirement for state licensure, but does not itself grant state licensure. Only the State of California can grant state MLT licensure; which must be obtained in order to work as a MLT in the state. Likewise, should a graduate wish to receive

MLT licensure outside of California, they will be required to fulfill the requirements set by the state they wish to receive licensure in.

Skills and techniques learned as part of the MLT program may also make Program completers eligible for employment at other laboratory facilities that may or may not require state or federal licensure. The Medical Laboratory Technology Training program prepares students for employment in clinical laboratories, industry, and biotechnology as a Medical Laboratory Technician, Laboratory Assistant and or Research Technician/Associate.

Highlights

- Cohort training Program that requires application for admission (see admission requirements on the College website)
- Training in state-of-the-art hospital laboratory techniques
- Clinical practicums at local/regional hospital laboratories
- Program recognition by the State of California (currently seeking national accreditation)

- Utilize knowledge of the principles inherent in the laboratory tests being performed.
- Support and participate with the health care team.
- Comprehend their role in the delivery of health care to the patient.
- Exhibit professional and committed delivery of excellent health care.

DEGREE

AS – Medical Laboratory Technician

REQUIRED PROGRAM.....	Units
MEDTEC 310 Introduction to Medical Laboratory Techniques and Skin Punctures	2
MEDTEC 311 Advanced Phlebotomy Venipuncture Skills	2
MEDTEC 323 Clinical Chemistry and Urinalysis.....	4
MEDTEC 330 Hematology	4
MEDTEC 340 Immunology and Immunoematology	4
MEDTEC 350 Clinical Microbiology.....	4
MEDTEC 360 Chemistry and Urinalysis Practicum...	4
MEDTEC 361 Hematology and Hemostasis Practicum	4
MEDTEC 362 Immunology and Immunoematology Practicum.....	3
MEDTEC 363 Microbiology Practicum	4
TOTAL UNITS REQUIRED.....	35

Program Student Learning Outcomes

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

- Pass the nationally recognized certification examination.
- Satisfy the laboratory medicine employment needs of the greater Sacramento area and surrounding communities.

Medical Technology (MEDTEC)

MEDTEC 310 Introduction to Medical Laboratory Techniques and Skin Punctures 2 Units

Prerequisite: AH 110 with a grade of "C" or better; Admission to the Medical Laboratory Technician Program at Folsom Lake College; Director/Instructor may administer an equivalency exam to those with prior health care experience. A High School diploma or GED is required of all phlebotomists by the California Department of Public Health (Phlebotomy regulation AB 1557, Migden Bill).

Advisory: BUSTEC 302; For those for whom English is a second language, ENGRD 110 and ESLL 310 are recommended.

Enrollment Limitation: Student must provide documentation of Tuberculosis status & Hepatitis B vaccination status before beginning this class, as the student will be handling patient blood and body fluid specimens in all class sessions. Student will also be required to purchase liability insurance. A High School diploma or GED is required of all phlebotomist by the California Department of Public Health (Phlebotomy regulation AB 1557, Migden Bill).

Course Transferable to CSU

Hours: 27 hours LEC ; 27 hours LAB

This course prepares students for a career in a medical laboratory as phlebotomists. It fulfills the minimum requirement of 20 hours of didactic instruction in Basic Phlebotomy instruction as required by California Department of Public Health for a Limited Phlebotomy Technician certification. Students perform skin punctures, which is the penetration of the skin with a lancet to withdraw blood, on other students. Students learn the ten most common laboratory tests, as well as the appropriate patient instructions for these specimen collections. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students must also provide documentation of Tuberculosis status & Hepatitis B vaccination status, because blood and body fluid specimens will be obtained and processed. Students will also be required to purchase liability insurance. One field trip may be required where each student provides their own transportation.

MEDTEC 311 Advanced Phlebotomy

Venipuncture Skills 2 Units

Prerequisite: MEDTEC 310 with a grade of "C" or better; Admission to the Medical Laboratory Technician Program at Folsom Lake College; by permission of the Director/Instructor only if the student is already an experienced phlebotomist with greater than 1040 hours of experience in the last 5 years in another state.

Advisory: BUSTEC 302

Enrollment Limitation: Student must provide documentation of Tuberculosis status & Hepatitis B vaccination status. Student will be required to purchase liability insurance. A High School diploma or GED is required of all phlebotomists by the California Department of Public Health (AB 1557, Migden Bill) before a phlebotomy certification can be issued to work as a phlebotomist in California.

Course Transferable to CSU

Hours: 27 hours LEC ; 27 hours LAB

This course meets the minimum requirement of 20 hours of didactic instruction in Advanced Phlebotomy procedures as required by the California Department of Public Health (CDPH) Phlebotomy regulations. (AB 1557/Migden Bill). Students learn to perform a venipuncture (the penetration of a vein with a needle to withdraw blood for therapeutic or clinical laboratory testing) on other students using the three available systems. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves is required. Student must provide documentation of Tuberculosis status & Hepatitis B vaccination status. Student will be required to purchase liability insurance. One field trip may be required, where student provides own transportation to a local laboratory.

**MEDTEC 312 Phlebotomy Clinical Internship
2-3.5 Units**

Prerequisite: MEDTEC 311 with a grade of "C" or better; Admission to the Medical Laboratory Technician Program at Folsom Lake College.

Advisory: BUSTEC 302

Enrollment Limitation: Students must have on file with the Program Director the following documents: Negative PPD or Chest x-ray no more than 6 months prior to clinic placement; MMR and Varicella immune status; and Hepatitis B immune status. Liability insurance required. Agency agreement with clinical site required. Clinical sites may also require a background check, drug screen testing and an interview of student before acceptance.

Course Transferable to CSU

Hours: 9 hours LEC ; 162 hours LAB

The student will spend 80 hours in a Clinical Internship at a medical laboratory performing at least 10 skin and 50 venipunctures on patients from a variety of age groups and medical conditions. Administrative skills will also be practiced. The Clinical Internship is conducted as a non-paid laboratory experience, and the student is required to attend the facility for a minimum of 80 hours. Students must have liability insurance, as well as lab coats or scrubs as required by the clinical site. Student must provide documentation of Tuberculosis status and Hepatitis B vaccination status. Immunizations such as Measles, Mumps, Rubella, as well as a background check and drug screen/test, may also be required by the clinical site. After their internship, all students are required to meet with the instructor for an in-person debriefing and on-line testing with a national phlebotomy exam.

MEDTEC 320 Urinalysis 1.5 Units

Prerequisite: None.

Enrollment Limitation: Admission to the Medical Laboratory Technician (MLT) Program or program director approval

Course Transferable to CSU

Hours: 18 hours LEC ; 27 hours LAB

This course introduces the concepts of urinalysis with an emphasis on physical and chemical features in normal and abnormal urine. Discussion topics will be correlated with applications in human medicine. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students must also provide documentation of current Tuberculosis clearance and Hepatitis B vaccination status, as blood and body fluid specimens will be processed.

MEDTEC 321 Clinical Chemistry I 4 Units

Prerequisite: None.

Enrollment Limitation: Admission to the Medical Laboratory Technician (MLT) Program or program director approval

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

This course introduces students to mathematical applications in the clinical laboratory, especially as applied to quality assurance, quality control and reporting of results. Also covered is the basic biochemistry of metabolism, including carbohydrates, proteins, lipids and electrolytes, and the instrumentation used for their measurement. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students must also provide documentation of current Tuberculosis clearance and Hepatitis B vaccination status, as blood and body fluid specimens will be processed.

MEDTEC 322 Clinical Chemistry II 4 Units

Prerequisite: None.

Enrollment Limitation: Admission to the Medical Laboratory Technician (MLT) Program or program director approval

Course Transferable to CSU

Hours: 50 hours LEC ; 66 hours LAB

This course provides students with advanced level understanding of human biochemistry and testing. The study of endocrinology, enzyme function, therapeutic drugs, blood gases, and an overview of other body fluid constituents will be covered. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students must also provide documentation of current Tuberculosis clearance and Hepatitis B vaccination status, as blood and body fluid specimens will be processed.

**MEDTEC 323 Clinical Chemistry and Urinalysis
4 Units**

Prerequisite: None.

Enrollment Limitation: Admission to the Medical Laboratory Technician (MLT) Program or program director approval

Course Transferable to CSU

Hours: 54 hours LEC ; 54 hours LAB

This course introduces students to mathematical applications in the clinical laboratory, especially as applied to quality assurance, quality control and reporting of results. Also covered is the basic biochemistry of metabolism, including carbohydrates, proteins, lipids and electrolytes, and the instrumentation used for their measurement. The study of endocrinology, enzyme function, therapeutic drugs, blood gases, and an overview of other body fluid constituents will be covered. This course also introduces the concepts of urinalysis with an emphasis on physical and chemical features in normal and abnormal urine. Discussion topics will be correlated with applications in human medicine. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students must also provide documentation of current Tuberculosis clearance and Hepatitis B vaccination status, as blood and body fluid specimens will be processed.

MEDTEC 330 Hematology 4 Units

Prerequisite: None.

Enrollment Limitation: Admission to the Medical Laboratory Technician (MLT) Program or program director approval

Course Transferable to CSU

Hours: 50 hours LEC ; 66 hours LAB

This course provides an overview of human blood cell development and function. Hematological disorders and corresponding laboratory findings will also be addressed. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students must also provide documentation of current Tuberculosis clearance and Hepatitis B vaccination status, as blood and body fluid specimens will be processed.

**MEDTEC 340 Immunology and
Immunochemistry 4 Units**

Prerequisite: None.

Enrollment Limitation: Admission to the Medical Laboratory Technician (MLT) Program or program director approval

Course Transferable to CSU

Hours: 50 hours LEC ; 66 hours LAB

This course introduces the principles of the immune response, including cells and function of the immune system as well as antibody and antigen reactions. Blood grouping, compatibility testing, transfusion medicine, immunological and serological testing procedures are also discussed. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students must also provide documentation of current Tuberculosis clearance and Hepatitis B vaccination status, as blood and body fluid specimens will be processed.

MEDTEC 350 Clinical Microbiology 4 Units

Prerequisite: None.

Enrollment Limitation: Admission to the Medical Laboratory Technician (MLT) Program or program director approval

Course Transferable to CSU

Hours: 50 hours LEC ; 66 hours LAB

This course discusses pathogenic bacteria, fungi and parasites. Emphasis is placed on morphology and identification of medically important organisms and techniques used in their identification. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students must also provide documentation of current Tuberculosis clearance and Hepatitis B vaccination status, as blood and body fluid specimens will be processed.

**MEDTEC 360 Chemistry and Urinalysis
Practicum 4 Units**

Prerequisite: None.

Corequisite: MEDTEC 323; may be taken previously.

Enrollment Limitation: Admission to the MLT Program or program director approval

Course Transferable to CSU

Hours: 216 hours LAB

This course provides a clinical laboratory experience in the chemistry department of a local health care organization. Instrumentation and manual methods will be introduced. Emphasis will be placed on technique, accuracy and precision. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students must also provide documentation of Tuberculosis status & Hepatitis B vaccination status, as blood and body fluid specimens will be processed. Students may also be required to purchase liability insurance. Students will be required to provide their own transportation to the partner health care facility which will likely be in Sacramento region.

**MEDTEC 361 Hematology and Hemostasis
Practicum 4 Units**

Prerequisite: None.

Corequisite: MEDTEC 330; may be taken previously.

Enrollment Limitation: Admission to the MLT Program or program director approval

Course Transferable to CSU

Hours: 216 hours LAB

This course provides a clinical laboratory experience in the hematology department of a local health care organization. Instrumentation and manual methods will be introduced. Emphasis will be placed on technique, accuracy and precision. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students must also provide documentation of Tuberculosis status & Hepatitis B vaccination status, as blood and body fluid specimens will be processed. Students may also be required to purchase liability insurance. Students will be required to provide their own transportation to the partner health care facility which will likely be in Sacramento region.

**MEDTEC 362 Immunology and
Immunochemistry Practicum 3 Units**

Prerequisite: None.

Corequisite: MEDTEC 340; may be taken previously.

Enrollment Limitation: Admission to the MLT Program or program director approval

Course Transferable to CSU

Hours: 162 hours LAB

This course provides a clinical laboratory experience in the immunology/immunochemistry department of a local health care facility. Instrumentation and manual methods will be introduced. Emphasis will be placed on technique, accuracy and precision as well as specimen receipt and evaluation, special handling procedures, and component processing in the transfusion service. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students must also provide documentation of Tuberculosis status & Hepatitis B vaccination status, as blood and body fluid specimens will be processed. Students may also be required to purchase liability insurance. Students will be required to provide their own transportation to the partner health care facility which will likely be in Sacramento region.

MEDTEC 363 Microbiology Practicum 4 Units

Prerequisite: None.

Corequisite: MEDTEC 350; may be taken previously

Enrollment Limitation: Admission to the MLT Program or program director approval

Course Transferable to CSU

Hours: 216 hours LAB

This course provides a clinical laboratory experience in the Microbiology, Mycology, Virology and Parasitology departments of a local health care facility. Instrumentation and manual methods will be introduced. Emphasis will be placed on technique, accuracy and precision. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students must also provide documentation of Tuberculosis status & Hepatitis B vaccination status, as blood and body fluid specimens will be processed. Students may also be required to purchase liability insurance. Students will be required to provide their own transportation to the partner health care facility which will likely be in Sacramento region.

Music

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

The Folsom Lake College music program includes vocal and instrumental components as well as courses on music, and music history. The program in music is designed to provide students with a foundation in music, to gain an appreciation of and an interest in pursuing music as a hobby or career.

Career Options

Music Education; Public and Private Teaching; Vocal Performance; Instrumental Performance; Music Store Employment & Management; Church Music Direction; Composer

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

Highlights

- Various avenues for vocal performance – college chorus, choir, chamber singers.
- A very talented and highly motivated staff

Music - Fundamentals, History & Literature (MUFHL)

MUFHL 300 Introduction to Music 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to music of the Western Tradition. Students will develop analytical listening skills to access and comprehend meanings, functions, and perspectives of music production specific to traditionally understood eras in art history, such as Medieval, Renaissance, Baroque, Classical, Romantic, Twentieth Century, and Contemporary. Students will learn how social aspects, such as race, age, ethnicity, gender, and socio-economic forces influence the ways in which music is produced and received in a variety of social, historical, and cultural contexts.

MUFHL 310 Survey of Music History and Literature 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a historical survey of Western music from Greek antiquity through the Baroque period (c. 1750), emphasizing the relation of music to social, cultural, economic and political factors involved in creating the music. This course is required for music majors and designed for those students with a music background who are particularly interested in the humanities and the arts.

MUFHL 311 Survey of Music History and Literature 3 Units

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

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

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

MUFHL 321 Basic Musicianship 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to the fundamentals of music. Students will learn basic music terminology and develop skill in reading music notation, including the staff, notes, rhythms, intervals, scales, chords, keys, and key signatures. Musical literacy and creativity will be reinforced by aural and rhythmic drills, the use of music software, and short, creative assignments. Works from classical and commercial music will be used for demonstration purposes. Recommended for students with little or no music experience.

MUFHL 330 World Music 3 Units

Prerequisite: None.

General Education: AA/AS Area I; AA/AS Area VI; CSU Area C1; IGETC Area 3A

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. 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, Oceania and Europe will be covered.

MUFHL 400 Music Theory 4 Units

Prerequisite: MUFHL 321 with a grade of 'C' or better or successful passage of the challenge exam offered at the beginning of the course through the FLC Department of Music.

Corequisite: Music 345 (Beginning Piano) or successful passage of Music Department instrumental assessment offered at the beginning of course.

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course is an introduction to music theory and its applications to classical and commercial music. Students will develop skills in musical analysis, keyboard harmony, dictation, and sight-singing. Short creative assignments will be included to provide students with experience in the application of materials learned in class.

MUFHL 401 Music Theory 4 Units

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

Corequisite: MUIVI 346

General Education: AA/AS Area I; CSU Area C1

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course is a continuation of MUFHL 400. It provides a more in-depth study of scales, intervals, triads, diatonic harmonies, part writing, rhythms, sight singing, ear training, dictation, history and performance. It includes analysis and composition and is required for music majors. Students will be required to purchase staff paper and media storage.

MUFHL 410 Advanced Music Theory 4 Units

Prerequisite: MUFHL 401 with a grade of "C" or better
Advisory: MUIVI 351; or placement through the assessment process.

General Education: CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

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

MUFHL 411 Advanced Music Theory 4 Units

Prerequisite: MUFHL 410 with a grade of "C" or better
Advisory: MUIVI 351

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course is a continuation of MUFHL 410. It includes a more in-depth study of 16th and 18th century counterpoint, fugue, variation, altered chords, sonata allegro and rondo forms, and late 19th, 20th, and 21st century writing techniques including; 9th, 11th and 13th chords, altered dominants, chromatic harmony, serial music, current music idioms, and analysis techniques. Practice in rhythmic, melodic, harmonic and contrapuntal sight-singing, ear-training and dictation. Required for music majors.

MUFHL 495 Independent Studies in Music Fundamentals/History and Literature 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

MUFHL 499 Experimental Offering in Music Fundamentals/History and Literature .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Music - Instrumental/Voice Instruction (MUIVI)

MUIVI 300 Beginning Instruments 1-2 Units

Prerequisite: None.

Advisory: MUFHL 321

Course Transferable to UC/CSU

Hours: 14 hours LEC ; 66 hours LAB

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

MUIVI 310 Voice Class 2 Units

Prerequisite: None.

General Education: CSU Area C1

Enrollment Limitation: Student must be able to match pitch.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 18 hours LAB

This course emphasizes the development of the individual singer's voice. Basic vocal techniques of breathing and mouth position are practiced. Solo repertoire is learned and performed in class. This course is required for vocal music majors but open to all students desiring to begin the study of voice.

MUIVI 311 Voice Class 2 Units

Prerequisite: MUIVI 310 with a grade of "C" or better; or placement through the assessment process.

General Education: CSU Area C1

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 18 hours LAB

Students will experience basic training in the correct use of the singing voice, vocal techniques, and repertoire. This course is required for vocal majors, but open to all students desiring to begin the study of voice.

MUIVI 320 Voice Class, Intermediate 2 Units

Prerequisite: MUIVI 311 with a grade of "C" or better; or placement through the assessment process.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 18 hours LAB

This course provides opportunity for vocal exercise and intellectual analysis in the development of efficient singing technique and skill in performing vocal literature. Performance in class and in recital is essential. The course is required for vocal majors. Students may wish to challenge the prerequisite on the basis of equivalent experience.

MUIVI 321 Voice Class, Intermediate 2 Units

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

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 18 hours LAB

This course provides opportunity for vocal exercise and intellectual analysis in the development of efficient singing technique and skill in performing vocal literature. Performance in class and in recital is essential. The course is required for vocal majors. Students may wish to challenge the prerequisite on the basis of equivalent experience.

MUIVI 345 Beginning Piano 1-2 Units

Prerequisite: None.

Advisory: MUFHL 321; Eligibility for ENGWR 101 or ESLW 320.

General Education: AA/AS Area I

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

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

MUIVI 346 Beginning Piano 1-2 Units

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

Advisory: MUFHL 400

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 18 hours LAB

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

MUIVI 351 Piano IV 2 Units

Prerequisite: MUIVI 350 with a grade of "C" or better, or the ability to play all major scales, hands together, two octaves and harmonic minor in A, E, B, F, D, and G. Course Transferable to UC/CSU

Hours: 24 hours LEC ; 36 hours LAB

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

MUIVI 370 Beginning Guitar 2 Units

Prerequisite: None.

General Education: CSU Area C1

Course Transferable to UC/CSU

Hours: 27 hours LEC ; 27 hours LAB

This course is designed to provide entry-level students with the fundamentals of guitar playing with emphasis on basic technique and reading music. In addition, students are introduced to the various musical styles in which the guitar is used such as folk, rock, blues, funk, finger style (classical) and jazz. No previous musical study is required for this course. The student must provide their own instrument (preferably a nylon or steel string, acoustic guitar) and accessories, such as a footstool, tuner, and metronome.

MUIVI 371 Intermediate Guitar 2 Units

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

General Education: CSU Area C1

Course Transferable to UC/CSU

Hours: 27 hours LEC ; 27 hours LAB

This course is designed as a continuation of MUIVI 370 Beginning Guitar, and increases the emphasis on reading music, introduces the art of improvisation, and cultivates playing in ensemble settings. Course topics explore, more in depth, the musical styles in which the guitar is heard such as folk, rock, blues, funk, jazz, and classical. Through in-class demonstrations and hands-on laboratory experience, students will improve their practice techniques, augment their technical proficiency, and begin to acquire the skills necessary to perform both in solo and ensemble settings. Performance in class and/or recital is essential. The student must provide their own instrument (preferably a nylon or steel string, acoustic guitar) and accessories, such as a footstool, tuner, and metronome.

MUIVI 372 Advanced Guitar 2 Units

Prerequisite: MUIVI 371 with a grade of "C" or better
Advisory: MUFHL 321

Course Transferable to UC/CSU

Hours: 27 hours LEC ; 27 hours LAB

This course includes higher-level note reading, accompaniment techniques, and ensemble playing. The development of personal style is encouraged. Advanced Guitar allows the student to continue studying the guitar past the first year. Students may wish to challenge the prerequisite on the basis of equivalent experience. Students must provide their own guitar.

MUIVI 410 Applied Music 1 Unit

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC

This course involves off-campus instrumental or vocal study requiring a minimum of one-half hour per week of individual study with a private instructor (at student's expense) for a minimum of 18 weeks. The course meets one hour per week on campus for instruction and performance. The course may be taken four times for credit.

MUIVI 420 Applied Music 1 Unit

Prerequisite: None.

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

Course Transferable to CSU

Hours: 8 hours LEC ; 92 hours LAB

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

**MUIVI 495 Independent Studies in Music/
Instrumental/Voice Instruction .5-3 Units**

Prerequisite: None

Course Transferable to UC/CSU

Hours: 162 hours LAB

Independent study designed to provide instrumental training not offered in other music courses. Components of the course may include private or group instructions, solo and ensemble work, accompanying experience, and programmed learning in music fundamentals and music technology. Also for students interested in developing tutorial and/or instructional skills. Each component may be repeated for a total of 3 units, up to a maximum of 9 units.

MUIVI 499 Experimental Offering in Music**Instrumental/Voice Instruction .5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Music - Performance (MUP)**MUP 311 Advanced Orchestra 1-2 Units**

Prerequisite: None.

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

Course Transferable to UC/CSU

Hours: 108 hours LAB

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

MUP 320 Jazz Band 2 Units

Prerequisite: None.

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

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

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

MUP 350 Concert Choir I 2 Units

Prerequisite: None.

General Education: CSU Area C1

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is the study and performance of choral literature which may include the standard repertoire, contemporary works and world music. Students are urged to enter during the freshman year. The course is open to all students. Public performances, festivals and field trips are required. May be taken four times for credit.

MUP 357 College Chorus 2 Units

Prerequisite: None.

General Education: CSU Area C1

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is designed for the college student who is interested in a musical experience. Singers study and perform standard choral literature. Membership is open to college students, faculty, staff and community. Public performances are required. This course may be taken four times for credit.

MUP 400 Vocal Jazz Ensemble 2 Units

Prerequisite: None.

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

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

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

MUP 422 Special Ensemble Participation .5-2 Units

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 108 hours LAB

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

MUP 495 Independent Studies in Music Performance 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

MUP 499 Experimental Offering in Music Performance .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Music - Specializations in Music (MUSM)

MUSM 110 The Business of Music 3 Units

Prerequisite: None.

Hours: 54 hours LEC

This course presents an overview of the rapidly evolving music industry, including the processes of promotion, publicity, merchandising, artist management, talent agents, recording contracts vs. comprehensive contracts, online music sales, licensing, copyrights, and royalties. Students will develop marketing strategies for live performances, recordings, merchandise, tours and online music products, as well as examine career opportunities in music and evaluate advantages and disadvantages of various options.

MUSM 111 The Business of Music 3 Units

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

Hours: 54 hours LEC

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

MUSM 112 The Business of Music/Artist Management 3 Units

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

Hours: 54 hours LEC

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

MUSM 320 Contemporary Songwriting 3 Units

Prerequisite: MUFHL 321 (Basic Musicianship) or by the department challenge process.

Course Transferable to CSU

Hours: 54 hours LEC

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

MUSM 321 Contemporary Songwriting 3 Units

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

Course Transferable to CSU

Hours: 54 hours LEC

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

MUSM 334 Introduction to Musical Instrument Digital Interface (MIDI) 2 Units

Prerequisite: MUFHL 321 with a grade of "C" or better

Course Transferable to CSU

Hours: 9 hours LEC ; 81 hours LAB

This course is an introduction to the rapidly evolving use of professional music software and MIDI electronic instruments. Various music hardware options, including keyboards, synthesizers, samplers, computers and drum machines, will be explored. Through a series of MIDI projects, students learn to use music sequencing, notation, and CAI (computer-assisted instruction) software.

MUSM 356 Pro Tools 101, Introduction to Pro Tools 1.5 Units

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

Course Transferable to CSU

Hours: 27 hours LEC

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

MUSM 370 Music for Children 3 Units

Prerequisite: None.

General Education: AA/AS Area I

Course Transferable to CSU

Hours: 54 hours LEC

Experiences and materials for integrating music into pre-school, elementary, and recreational programs. Recommended for elementary and early childhood credential candidates, recreation leaders, and others who use music with children. Required for Teacher Assistant Program. (See Early Childhood Education)

MUSM 495 Independent Studies in Music**Specializations in Music 1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

MUSM 498 Work Experience in Music**Specializations in Music 1-4 Units**

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to live sound reinforcement.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

MUSM 499 Experimental Offering in Music**Specializations in Music .5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Natural Resources

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

This program offers a study of introductory ecology and natural resource courses. The need to understand and preserve our natural resources is becoming greater every year. This general education coursework prepares students to have a greater awareness and appreciation of the natural world around them and the threats posed by human actions.

Career Options

Naturalist/Interpreter; Forest Technician; Wildlife Technician; Restoration Ecologist; Park Ranger; Environmental Educator; Science Writer

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

Highlights

- Hands-on field experience in wildlife and ecological sampling techniques
- Working with wildlife, ecology and forestry professionals in the field

Natural Resources (NATR)

NATR 302 Introduction to Wildlife Biology 4 Units

Prerequisite: None.

General Education: AA/AS Area IV

Course Transferable to CSU

Hours: 54 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. It emphasizes ecological principles of populations and communities as they relate to the interdependence of wildlife and human populations. Topics include the social, political, and biological implications of wildlife management. Additionally, this course covers habitat and population sampling, radio telemetry, and the development of a wildlife management plan. Field trips are required.

NATR 304 The Forest Environment 3 Units

Prerequisite: None.

General Education: AA/AS Area IV

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course covers basic biological and physical science concepts important to a general understanding of forest ecology and forestry. Forest history, forests of the United States, general tree taxonomy, forest ecology, soils, silvics, and insects and diseases of forest trees are investigated. Additional topics include the role of fire in forest management, forest measurements, multiple use management, and current forest issues and policies related to forest resource use. Field trips are required.

NATR 320 Principles of Ecology 4 Units

Prerequisite: None.

General Education: AA/AS Area IV; CSU Area B2; CSU Area B3; IGETC Area 5B; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course covers the basic principles of ecology, including the physical and biological factors of different environments in relation to the distribution of plants and animals. Emphasis will be on the management of ecosystems using ecological principles and the understanding of current ecological issues. Field trips are required.

NATR 495 Independent Studies in Natural Resources 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

NATR 499 Experimental Offering in Natural Resources .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Non-Profit Organization Management

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

CERTIFICATE OF ACHIEVEMENT

Non-Profit Organization Management

Folsom Lake College's Non-Profit Organization Management program is designed to provide training for entry-level employment or advancement in a career the non-profit sector, including government, private, education and other organizations on every level. This program was developed to respond to a community need, and reflects the vital non-profit sector activity which characterizes the Sacramento region. The value of the program lies in producing trained professionals who can blend solid business practices and skills with the goals and techniques specific to non-profit operations, thus providing the opportunity to pursue community-based solutions to the challenges faced by various causes and interest groups which help serve and enrich the region.

Career Options

The Non-Profit Organization Management program is designed for those interested in the non-profit sector wishes to further develop and improve their professional repertoire with knowledge of this unique area of service. This certificate can be a component of management development program suitable for individuals looking to enter or advance in a career in Non-Profit Organization Management either as a vocation or as a volunteer resource, whether as an administrator, board member, fundraiser, activity coordinator, or awareness promoter. People from a range of disciplines find the challenging work of the non-profit sector a good fit with their own ethics and interests, and help to provide a rich working environment populated by community activists, medical professionals, government employees, educators, and business owners and managers .

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

Highlights

- Dedicated, well-trained instructors
- Highly interactive learning environment
- On-campus, off-campus, & online course offerings
- Guest lectures and demonstrations

- Opportunity to combine with business and other related areas of study for a more comprehensive education

CERTIFICATE OF ACHIEVEMENT

Non-Profit Organization Management

REQUIRED PROGRAM.....	Units
BUS 180 Intro to the Nonprofit Sector.....	3
BUS 181 Nonprofit Fundraising.....	3
BUS 182 Nonprofit Governance & Financial Management.....	3
BUS 300 Intro to Business	3
BUS 310 Business Communications	3
MGMT 362 Techniques of Management.....	3
MKT 300 Principles of Marketing	3
TOTAL UNITS REQUIRED.....	21

For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041056C01>

This program provides an overview of not-for-profit organizations, with a particular emphasis on regional and state non-profit associations in the Sacramento region. The program focuses on managing operational and policy issues of a non-profit organization, and is designed for students interested in non-profit association management and leadership occupations.

Program Student Learning Outcomes

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

- Demonstrate an understanding of the key differences between the non-profit, for-profit and public sectors, non-profit governance, operations, and fiscal aspects of non-profit organizations.
- Articulate the different financial planning challenges facing non-profits, compared to the for-profit sector.
- Demonstrate an understanding of the fundamentals of fundraising and composing effective fundraising campaigns.
- Demonstrate an understanding of the various types of fundraising campaigns and choose the most appropriate alternative.
- Demonstrate an understanding of endowments and special funds.

- Demonstrate understanding of grant seeking and administration.
- Demonstrate an understanding of fund accounting and bylaws.

Nutrition & Foods

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Folsom Lake College's Department of Nutrition prepares the student for further study in nutrition and foods, or a program in dietetics.

Note to transfer students: If your goal is to transfer to a four-year institution to obtain a Bachelor's degree in nutrition or dietetics, you must meet with a counselor and plan the courses for your major. Schools have different requirements for transfer and Bachelor degrees.

Career Options

Career opportunities include hospitals and other health care facilities, sports nutrition and corporate wellness programs, food and nutrition businesses and industries, public health agencies, government agencies, and research.

Some career options require more than two years of college, and may require certification in dietetics after a Bachelor's degree.

Highlights

- Lab experience with cooking, food-tasting and diet analysis
- Professional and innovative faculty
- Hands-on experience in nutrition and diet assessment

Nutrition and Foods (NUTRI)

NUTRI 200 General Nutrition - Healthy Eating, Healthy Living 3 Units

Prerequisite: None.

General Education: AA/AS Area III(b)

Hours: 45 hours LEC ; 27 hours LAB

This course is an introduction to general nutrition with an emphasis on principles related to wellness, purchasing healthy food, and preparing nutritious meals. An evaluation of personal dietary habits using current dietary guidelines and nutritional assessment methods will also be completed to help students assess their own nutritional health. Lab will focus on preparing and evaluating healthy recipes for meal plan development. This course would not be suitable for students pursuing a degree in health care professions.

NUTRI 300 Nutrition 3 Units

Prerequisite: None.

Advisory: MATH 30

General Education: AA/AS Area III(b); CSU Area E1
Course Transferable to UC/CSU

Hours: 54 hours LEC

This course examines 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, sustainable food, food safety, the diet-disease relationship, global nutrition and analysis of special nutritional requirements from the prenatal period through the geriatric years. An evaluation of personal dietary habits using current dietary guidelines and nutritional assessment methods will be completed to help students analyze their own nutritional health. Students are required to purchase the necessary online diet analysis program.

NUTRI 302 Nutrition for Physical Performance 3 Units

Prerequisite: None.

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 54 hours LEC

This course examines the basic principles of nutrition, as well as the ramifications of nutrients on life-long fitness, sport skill training, and physical performance. Special emphasis is placed on nutrient function with respect to muscle strength development, cardiovascular capability, and body composition. Students are required to purchase the required diet analysis computer program. This course is not open to students who have completed KINES 418.

NUTRI 308 Weight Management 3 Units

Prerequisite: None.

Advisory: ENGWR 101, FITNS 304, FITNS 306, FITNS 307, FITNS 331, FITNS 352, FITNS 380, FITNS 381, and MATH 30

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 54 hours LEC

This course focuses on the various components of weight management and strategies for a healthier lifestyle. The role of diet, exercise, and behavior modification, as well as the physiological, sociological and psychological aspects of weight management will be discussed. Students will analyze weight loss programs and "fad" diets to evaluate their effectiveness. Disordered eating will also be addressed. Students will create plans for weight management based on individual needs, obstacles and goals. Students will actively learn how to plan and prepare healthy meals, incorporate fitness into their lifestyle, and maintain a healthy weight. A field trip may be required. Students are required to purchase the necessary online diet analysis program.

NUTRI 310 Cultural Foods of the World 3 Units

Prerequisite: None.

Advisory: ENGRD 110, ENGWR 101, ESLL 310, ESLR 310, and ESLW 310; or placement through the assessment process.

General Education: AA/AS Area V(b); AA/AS Area VI
Course Transferable to UC/CSU

Hours: 54 hours LEC

This course offers an anthropological perspective of traditional and contemporary food customs and cultures. Western and non-western food customs are compared, including their social, religious, economic and aesthetic significance. Included are ethnocentrism, gender-related stereotypes, and racism as they relate to the availability, distribution and preparation of food throughout the world. The nutritional status of various cultures as it relates to geographic, agricultural and socioeconomic factors is studied. Students may be required to purchase ethnic food or ingredients to prepare and sample cultural dishes.

NUTRI 320 Children's Health, Safety and Nutrition 3 Units

Same As: ECE 415

Prerequisite: None.

Advisory: ECE 312 or NUTRI 300

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 54 hours LEC

This course provides an introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health safety and nutrition. The key components that ensure physical health, mental health and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. There is a focus on integrating the concepts into everyday planning and program development for all children. This course is not open to students who have received credit for ECE 415.

NUTRI 324 Nutrition for Healthy Aging 3 Units

Prerequisite: None.

Advisory: ENGWR 101 and MATH 30

General Education: AA/AS Area III(b)

Course Transferable to CSU

Hours: 54 hours LEC

This course is an introduction to nutritional concerns as they apply to the elderly. Students will explore the physiological, psychosocial, and chronic degenerative conditions associated with aging and the nutritional implications of each. This class includes a field trip to a community program that provides meals, food, social interaction, and/or recreation activities to seniors. Students are required to purchase the required online diet analysis program.

NUTRI 495 Independent Studies in Nutrition & Foods 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

NUTRI 498 Work Experience in Nutrition**1-4 Units**

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity or job related to the nutrition field. Students are advised to consult with the Nutrition faculty to review specific work experience requirements.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

NUTRI 499 Experimental Offering in Nutrition**.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Philosophy

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Philosophy is the logical examination of the fundamental issues people have pondered for over 2500 years. What is reality and what is beauty? What is knowledge and truth? What is good and just? Does human existence have meaning and does God exist? Philosophy courses are directed toward understanding these questions in their historical and cultural contexts and applying insights to contemporary life. Rigorous philosophical study will improve one's critical thinking skills.

Career Options

Education; Ethics; Management; Law; Government; Publishing; Religious Service; Scientific Research; Social Work; Teaching; All Human Service Careers

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

Highlights

- Dedicated and enthusiastic instructional staff with expertise in critical thinking and ethics
- Excellent transfer preparation by emphasizing critical writing and reading
- Examination of traditional philosophical issues

Philosophy (PHIL)

PHIL 300 Introduction to Philosophy 3 Units

Prerequisite: None.

General Education: AA/AS Area II(b); CSU Area A3; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

In this course, students will apply the critical thinking techniques of analysis, evaluation, and synthesis to areas of philosophical inquiry including metaphysics, epistemology, metaphysics, ethics, political philosophy, philosophy of religion, history of philosophy, and existentialism. Students will practice distinguishing fact from opinion, employing inductive and deductive reasoning, identifying logical errors and fallacies, and developing oral and written arguments to support their own philosophical perspectives or challenge the perspectives of others. The quality and quantity of the course's required writing will reflect the standards of a second semester composition course. (C-ID PHIL 100)

PHIL 304 Introduction to Eastern Philosophy 3 Units

Prerequisite: None.

General Education: AA/AS Area I; AA/AS Area VI; CSU Area C2; IGETC Area 3B

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 the metaphysics, epistemology, and ethics of these traditions. This course fulfills Folsom Lake College's Ethnic/Multicultural requirement for the Associates Degree.

PHIL 310 Introduction to Ethics 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces the student to classical and contemporary ethical theories and their application to a variety of contemporary moral issues such as capital punishment, animal rights, affirmative action, abortion, euthanasia, torture, and same-sex marriage. (C-ID PHIL 120)

PHIL 320 Logic and Critical Reasoning 3 Units

Prerequisite: None.

General Education: AA/AS Area II(b); CSU Area A3

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides an introduction to basic principles of logic and critical thinking used in the analysis of argument, including deduction, induction, and fallacy recognition. Emphasis is placed on developing analytical skills and applying principles of sound reasoning to the arguments encountered in life. Argumentative topics from academic fields and textbooks, the electronic and print media, advertisements, politics and ethics may be considered. The quality and quantity of required writing in this course will reflect the standards of a second semester college-level composition course.

PHIL 328 Critical Reasoning and Composition 3 Units

Prerequisite: ENGWR 300 with a grade of "C" or better
General Education: AA/AS Area II(b); CSU Area A3;
IGETC Area 1B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides instruction in critical thinking, including traditional logic, and advanced composition. A series of writing assignments focus on increasing the sophistication of students' argumentative writing skills. Theoretical models of critical thinking and composition will be applied to academic fields and textbooks, electronic and print media, advertisements, ethics, politics, and multi-cultural issues. Essays will be evaluated for their quality in both critical thinking and composition.

PHIL 330 History of Classical Philosophy 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C2;
IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of the origin and development of Western Philosophy from the period of the ancient Greeks and Romans, and continuing through the Middle Ages. This course is especially recommended for all philosophy, history and humanities majors.

PHIL 331 History of Modern Philosophy 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C2;
IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey of the development of Western Philosophy from the period of the Renaissance through the period of modern Europe and America. It is especially recommended for all philosophy, history and humanities majors.

PHIL 338 Contemporary Philosophy 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C2;
IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is recommended for students interested in an introduction to philosophy with a focus on existential concerns such as alienation, authenticity, and anxiety. It also examines the philosophy of mind and language, including the structure of consciousness and the meaning of "meaning" and language.

PHIL 350 Philosophy of Religion 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C2;
IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is 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 include the possibility of religious knowledge, faith versus reason, theistic arguments, conceptions of God, religious language, atheism, agnosticism, mysticism, the problem of evil, immortality, the challenge of science, and religion's influence on ethics and politics.

PHIL 352 Introduction to World Religions 3 Units

Prerequisite: None.

General Education: AA/AS Area I; AA/AS Area VI;
CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course will introduce students to the major world religious traditions, including indigenous sacred ways, Hinduism, Buddhism, Taoism and Confucianism, Judaism, Christianity, and Islam. Students will study the practices and beliefs of each tradition and will read selected material from the sacred writings of each tradition. Also, the influence of these religions on contemporary issues in the United States including ethnicity, ethnocentrism, racism, ageism, class differences, and sexual orientation is considered. This course fulfills Folsom Lake College's Ethnic/Multicultural requirement for the Associates Degree.

PHIL 356 Introduction to the Bible 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

In this course, students survey the literary, historical, ethical, theological and philosophical themes of the Bible. Students will read extensive passages from the Hebrew and Christian scriptures with special focus on textual analysis and literary criticism. Topics from the Hebrew scriptures include the development of monotheism, the social justice tradition of the Prophets, the wisdom and poetic writings, and the scope and emphasis of extra-canonical works. Topics from the New Testament scriptures include the investigation of the Gospels and the "Jesus Problem" and the examination of the early development of the Christian Church.

PHIL 358 Our Mothers' Legacy: Spiritual and Religious Traditions of Women 3 Units

Prerequisite: None.

General Education: AA/AS Area I; AA/AS Area VI; CSU Area C2; IGETC Area 3B

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces students to ancient feminine forms of divinity and women's roles as spiritual visionaries, priestesses, shamans, and religious practitioners through the ages. In addition, the course examines cultures in which women have retained their spiritual authority and those in which women who have been oppressed are reclaiming their spiritual power. This course fulfills Folsom Lake College's Ethnic/Multicultural requirement for the Associates Degree.

PHIL 360 Social/Political Philosophy 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); AA/AS Area I; CSU Area C2; CSU Area D7; IGETC Area 3B; IGETC Area 4G

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a historical and topical survey of significant themes of social/political philosophy from Plato to the present. Topics may include freedom, government, justice, law, rights, punishment, war, authority, and the state.

PHIL 495 Independent Studies in Philosophy 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 3 hours LAB

PHIL 499 Experimental Offering in Philosophy .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Photography

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

The Folsom Lake College Photography program is designed to teach skills for entry-level positions in the photographic industry or for advanced students wishing more specialized skills. This program will also be of value to the student interested in photography as a vocation 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

- Field Trips to a variety of photographic venues in the Sacramento, Bay Area, and Yosemite/ Eastern Sierras

Photography (PHOTO)

PHOTO 260 The Eastern Sierra Landscape, Yosemite Valley 2 Units

Prerequisite: None.

Hours: 18 hours LEC ; 54 hours LAB

This course is designed to give students an opportunity to participate in a landscape photography workshop in the Sierras emphasizing the Yosemite Valley. This course will include a variety of topics including how to work with film and digital formats, including black and white, infrared, color slides and negatives; they may also learn about large format cameras and low light photography. Students may incur fees for lodging, food, transportation and park admissions. Students are also responsible for all their own photographic expenses.

PHOTO 262 The Eastern Sierra Landscape, Mono Lake Basin 2 Units

Prerequisite: None.

Hours: 18 hours LEC ; 54 hours LAB

This course is designed to give students an opportunity to study topics not included in current course offerings. Students will participate in a landscape photography workshop in the Eastern Sierra emphasizing the Mono Lake Basin. The course will include a variety of topics primarily dealing with digital imaging, including black and white, infrared, and low light photography. Students will be responsible for their own travel, food, accommodations and photographic materials. Field trip fees for entry to California State Parks may be required if Bodie is included in the itinerary.

PHOTO 264 The Pacific Coast Landscape 2 Units

Prerequisite: None.

Hours: 18 hours LEC ; 54 hours LAB

This course is designed to give students an opportunity to participate in a landscape photography workshop emphasizing the Pacific Coast. The course will include a variety of topics including applying film and digital camera techniques to black and white, infrared, color slide and negative, digital, large format and low light photography. Students will be responsible for all their own photographic expenses, and may incur additional fees for transportation, lodging, food, park fees and more.

PHOTO 295 Independent Studies in Photography 1-3 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

PHOTO 299 Experimental Offering in Photography .5-4 Units

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

**PHOTO 302 Beginning Digital Photography
3 Units**

Prerequisite: None.

General Education: AA/AS Area I

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This course combines lectures with hands-on experience in digital photography. Instruction includes digital camera function, exposure control, technical and creative control, computer manipulation of images and digital output options. The format of the class includes lectures, visual presentations, lab time, exams and a portfolio. Students are responsible for camera and printing costs. Field trips may be required.

**PHOTO 370 Portraiture and Wedding
Photography 3 Units**

Prerequisite: PHOTO 302 with a grade of "C" or better;
Consent of the instructor

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This course introduces students to the techniques, skills, and business of wedding and portrait photography. Techniques of lighting, use of correct cameras and films, professional practices, and strategies for beginning business are examined. The class includes: lectures, lab time, on-location field trips, exams, and a portfolio geared toward a professional presentation. Students are responsible for providing camera, film/digital recording media and processing/printing costs.

**PHOTO 390 Studio Lighting Techniques
3-4 Units**

Prerequisite: PHOTO 302 with a grade of "C" or better;
Consent of the instructor

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is a study in studio lighting techniques used in commercial photography. Topics of instruction include: correct exposure using strobe, lighting ratios, basic portraiture and advertising, appropriate choices of camera formats and films, and studies in composition of commercial photographs. Students are encouraged to work in a variety of formats, using black and white and color. Students may complete the course with film or digital cameras. The class includes: lectures, visual presentations and discussions, on-location field trips, digital lab time, exams and a portfolio. Students will incur camera and processing costs.

PHOTO 400 Digital Imaging 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

Digital imaging focuses on image acquisition, manipulation, printing and publication. Methods and standards currently in use in the photographic publishing industry will be emphasized. Students will capture images through digital cameras or scanners. Students will process images using industry standard software such as the current version of Photoshop to produce printed or electronic multimedia presentations and incorporate these images into a student's digital portfolio. Students must provide their own adjustable digital camera and digital storage media. A fee-per-print is charged for on-campus digital printing.

PHOTO 410 Advanced Digital Imaging 3 Units

Prerequisite: PHOTO 302 or 400 with a grade of "C" or better

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is an advanced study of digital imaging and related software programs. Methods currently used in publishing will be emphasized. The class includes lectures, use of computers, scanners, and a variety of output devices, and preparation of a digital portfolio. This course will introduce the student to the emerging field of multi-media and visit various local businesses. A fee is charged for digital printing.

**PHOTO 415 Advanced Digital Photo Restoration
and Retouching 3 Units**

Prerequisite: PHOTO 302 and 400 with grades of "C" or better; Consent of the instructor

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This class prepares students for professional retouching and restoration of damaged photographs and also for portrait and glamour retouching. Students will learn to use computer software and hardware suited to these purposes. Students are responsible for camera and processing costs.

**PHOTO 495 Independent Studies in Photography
1-3 Units**

Prerequisite: PHOTO 310. Grade of "C" or better required to meet prerequisite.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This course is designed to allow advanced students to pursue and research their photographic interests and receive credit. Students must provide a proposal outlining their area of interest and arrange meetings with an instructor. Students may wish to challenge the prerequisite on the basis of equivalent experience.

**PHOTO 498 Work Experience in Photography
1-4 Units**

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to career interests.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

**PHOTO 499 Experimental Offering in
Photography .5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Physical Science, Physics, & Astronomy

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE

AS-T – Physics

The Folsom Lake College Physics, Physical Science and Astronomy department offers a full array of transferable courses that fulfill both major and general education requirements.

The Physics program consists of a three-semester calculus-based physics sequence and a two-semester trigonometry-based sequence. These sequences are designed to meet transfer requirements for students in the physical and life sciences, engineering, architecture, and computer information science. A preparatory physics course is 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

AS-T – Physics

REQUIRED PROGRAM.....	Units
PHYS 411 Mechanics of Solids and Fluids	4
PHYS 421 Electricity and Magnetism	4
PHYS 431 Heat, Waves, Light and Modern Physics.....	4
MATH 400 Calculus I.....	5
MATH 401 Calculus II.....	5
MATH 402 Calculus III	5
TOTAL UNITS REQUIRED.....	27

Students are required to:

- Complete a minimum of 19 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework.
- Complete 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- No more than 60 semester units are required.
- A "P" (Pass) grade is not an acceptable grade for courses in the major.

Note, due to the 60-unit limit for the degree, some classes are not included in the course list, which are nevertheless useful for physics transfer majors. Students should meet with a counselor to discuss the benefits of completing courses like differential equations, linear algebra, general chemistry, and computer programming prior to transferring. Though not required for the Associate in Science in Physics for Transfer degree, some of these classes may be course prerequisites or a part of the graduation requirements at the transfer university.

Program Student Learning Outcomes

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

- recall fundamental principles and basic definitions from the topics of physics.
- solve conceptual problems from the topics of physics.
- solve calculus, trigonometry and algebra based problems from the topics of physics and clearly communicate steps taken in the solution.
- analyze experimental data from the topics of physics.

Physical Science (PS)

PS 302 Introduction to Physical Science 4 Units

Prerequisite: None.

General Education: AA/AS Area IV; CSU Area B1; CSU Area B3; IGETC Area 5A; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is an integrated, interdisciplinary course which introduces the non-science major student to the physical sciences. Fundamental concepts in astronomy, physics, chemistry and geology will be examined. This course is not recommended for science or engineering majors.

PS 495 Independent Studies in Physical Science 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 3 hours LAB

PS 499 Experimental Offering in Physical Science .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Physics (PHYS)

PHYS 310 Conceptual Physics 3 Units

Prerequisite: None.

General Education: AA/AS Area IV; CSU Area B1; IGETC Area 5A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides a conceptual overview of Newtonian and modern physics for non-science and science students alike. The conceptual or non-mathematical approach to physics is tied to the student's personal experience in the everyday world, so that the student learns to see physics not as a classroom or laboratory activity, but as a part of his or her surroundings. The class is open to all students with no previous physics course.

PHYS 311 Basic Physics 3 Units

Prerequisite: MATH 335 with a grade of "C" or better; or a high school course in trigonometry with a grade of "C" or better

General Education: AA/AS Area IV; CSU Area B1; IGETC Area 5A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a survey course for science, engineering, mathematics, architecture, and computer science majors who have had no previous physics courses and plan to continue with PHYS 350 or 411. The course will develop the math and science background and the problem-solving skills necessary for success in Physics 350 or 411. Material covered will include math review, vectors, and basic mechanics (kinematics, Newton's Laws, energy).

PHYS 350 General Physics 4 Units

Prerequisite: MATH 335 with a grade of "C" or better; or a high school course in trigonometry with a grade of "C" or better.

General Education: AA/AS Area IV; CSU Area B1; CSU Area B3; IGETC Area 5A; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is the first course of the trigonometry based general physics sequence designed for life science majors. Topics will include classical mechanics, fluids, mechanical waves and thermodynamics. (C-ID PHYS 105)

PHYS 360 General Physics 4 Units

Prerequisite: PHYS 350 with a grade of "C" or better

General Education: CSU Area B1; CSU Area B3; IGETC Area 5A; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is the second course of the trigonometry based general physics sequence designed for life science majors. Topics will include classical electricity and magnetism, AC and DC circuits, electromagnetism, optics, wave theory and modern physics. (C-ID PHYS 110)

PHYS 411 Mechanics of Solids and Fluids**4 Units**

Prerequisite: None.

Corequisite: MATH 401 with a grade of "C" or better.
May be taken previously.

General Education: AA/AS Area IV; CSU Area B1; CSU Area B3; IGETC Area 5A; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is the first course of the calculus-based physics sequence designed for students studying engineering, physics, chemistry, architecture, and computer science. This course offers a detailed examination of topics from the mechanics of particles, rigid bodies and fluids. (C-ID PHYS 205)

PHYS 421 Electricity and Magnetism 4 Units

Prerequisite: MATH 401 and PHYS 411 with grades of "C" or better

General Education: CSU Area B1; CSU Area B3; IGETC Area 5A; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is the second course of the calculus-based physics sequence designed for students studying engineering, physics, chemistry, architecture, and computer science. This course offers a detailed examination of topics from electricity and magnetism. (C-ID PHYS 210)

PHYS 431 Heat, Waves, Light and Modern Physics 4 Units

Prerequisite: MATH 401 and PHYS 411 with grades of "C" or better

General Education: CSU Area B1; CSU Area B3; IGETC Area 5A; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is the third course of the calculus-based physics sequence designed for students studying engineering, physics, chemistry, architecture, and computer science. This course offers a detailed examination of topics from thermodynamics, waves, optics, and modern physics. (C-ID PHYS 215)

PHYS 495 Independent Studies in Physics 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 3 hours LAB

PHYS 499 Experimental Offering in Physics .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Astronomy (ASTR)**ASTR 300 Introduction to Astronomy 3 Units**

Prerequisite: None.

Advisory: ENGRD 110 and MATH 100

General Education: AA/AS Area IV; CSU Area B1; IGETC Area 5A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This is a general course in astronomy that examines the nature and evolution of the solar system, stars, galaxies, cosmology and life in the universe.

ASTR 400 Astronomy Laboratory 1 Unit

Prerequisite: None.

Corequisite: ASTR 300 (may be taken previously)

General Education: CSU Area B3; IGETC Area 5C

Course Transferable to UC/CSU

Hours: 54 hours LAB

This course introduces students to various types of astronomical observations and presents the tools needed to analyze and interpret astronomical data.

ASTR 495 Independent Studies in Astronomy 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

ASTR 499 Experimental Offering in Astronomy .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Political Science

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Political Science involves the study of governmental structures and political systems, as well as the examination of how individuals and institutions interact within those systems. Courses in our department are designed to introduce students to principle concepts, to stimulate an interest in the connection between theoretical ideas and real world events, and to motivate involvement and participation in the political process. Students are encouraged to think critically and creatively about issues facing them, their communities, their state, and their world.

Faculty in the Political Science department are widely traveled and have practical experience in a variety of governmental and political professions. They are focused on providing stimulating instruction in an atmosphere that encourages and emphasizes student participation. All courses require significant writing and research. Completion of English 101 or eligibility for English 300 is required for most 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. 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.

Political Science (POLS)

POLS 301 Introduction to Government: United States 3 Units

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

General Education: AA/AS Area V(a); CSU Area D8; CSU Area F2; CSU Area F3; IGETC Area 4H

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to political science, American government and politics and is 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.

POLS 302 Introduction to Government: Foreign 3 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area V(b); CSU Area D8; IGETC Area 4H

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a comparative study and analysis of political systems, ideologies, institutions, policies, cultures, histories, and the development of selected foreign governments. Special emphasis is placed on the impact of both cultural and social dimensions of political behavior and attitudes on the structures and functions of government. Typical nation-states cases will be inclusive of all geographical regions. Instruction will also cover the phenomenon of globalization and its effect on the nation-states examined throughout the course.

POLS 310 Introduction to International Relations**3 Units**

Prerequisite: None.

Advisory: Completion of ENGWR 101 or eligibility for ENGWR 300 is advised.

General Education: AA/AS Area V(b); CSU Area D8; IGETC Area 4H

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an introduction to international relations and a survey of the nation-state system, techniques of interaction, the issue of war, nationalism, power alignments, international actors, transnational movements, diplomacy, political economy, and perceptions in world politics. Particular emphasis is placed on understanding the processes associated with globalization and the impact such processes have upon the conduct of international relations.

POLS 320 Introduction to Political Theory**3 Units**

Prerequisite: None.

Advisory: ENGWR 101; or placement through the assessment process.

Course Transferable to UC/CSU

Hours: 54 hours LEC

This survey course examines the ideas that have shaped political thought. Concepts and principles such as the individual, community, liberty, equality, justice, natural law and civil society as developed in the works of the major Western, Eastern, and Middle Eastern political philosophers will be analyzed.

POLS 495 Independent Studies in Political Science 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

POLS 499 Experimental Offering in Political Science .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Project Management

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

CERTIFICATE OF ACHIEVEMENT

Project Management

Project management discipline continues to grow exponentially and now practiced and highly relevant to the new emerging market of project management in professional services like Health Care, Pharmacy, Human Resources, Finance, Manufacturing, Construction, and Information Technology, which is largely being driven by government modernization and large scale outsourcing. This dynamic curriculum provides advanced skills and practical instruction on the processes, organizational structure, and tools that assure that project work yields the desired business results. This is an online program and is thus ideal for professionals who want to enhance their ability to integrate complex projects, motivate people, and achieve cost-effective results.

Career Options

The Project Management program is designed for professionals seeking to improve their professional repertoire with knowledge of project management. The project management practice can be applied to several career fields such as health care, pharmaceutical, service/outsourcing information technology, manufacturing, construction, and government. This certificate is a management development program suitable for:

- Graduates who wish to pursue a career in Project Management.
- Project Managers who wish to develop their professional practice and gain a qualification in this specialist area.
- People from a range of disciplines who undertake Project Management as part of their job role or who wish to move into this professional discipline.

CERTIFICATE OF ACHIEVEMENT

Project Management

REQUIRED PROGRAM.....	Units
PRJMGT 300 Introduction to Project Management...	3
PRJMGT 310 Project Integration and Scope Management.....	3
PRJMGT 320 Project Time and Cost Management....	3
PRJMGT 330 Project Quality Management	3
PRJMGT 340 Project Communication and Human Resource Mgmt	3
PRJMGT 350 Project Risk Management and Project Procurement Management.....	3
TOTAL UNITS REQUIRED.....	18

*For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041944C01>*

This dynamic curriculum provides advanced skills and practical instruction on the processes, organizational structure, and tools which assure that project work yields the desired business results in professional services such as Health Care, Pharmacy, Human Resources, Finance, Manufacturing, Construction, and Information Technology, which is largely being driven by government modernization and large scale outsourcing. This program is thus ideal for professionals who want to enhance their ability to integrate complex projects, motivate people, and achieve cost-effective results.

Program Student Learning Outcomes

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

- Apply a significant range of professional and business skills, practices and techniques in project management.
- Analyze, plan and undertake effective leadership and executive decision-making.
- Communicate effectively within a discipline and industry, including both people-related communication and teamwork.
- Initiate, manage and drive change through the application of sound financial and business competence.
- Undertake individual and team research and/or consultancy based projects.

- Describe the nature and functions of project management as well as understand the project life cycle and processes.
- Describe the competency model for project managers as well as the project manager job functions.
- Build a cohesive and productive project team and learn techniques to deal with the practical and emotional issues involved in team building including coordinating efforts across multiple units of the organization.
- Apply and use project management software to plan and control a project.
- Use project management techniques to document and monitor the progress of a project.
- Evaluate the outcome of a project.
- Review and apply lessons learned to transfer lessons learned back to the real job environment.
- Simulate building a project dealing with performance, scheduling, and control issues as well as dealing with leadership and management concerns.
- Analyze methods to control project in a resource-constrained environment, while balancing competing time versus cost versus resources versus quality and performance.

Project Management (PRJMGT)

PRJMGT 300 Introduction to Project Management 3 Units

Prerequisite: None.

Advisory: CISC 300, CISC 310, and ENGWR 101

Course Transferable to CSU

Hours: 54 hours LEC

This is an introductory course covering the following topics: fundamental project management terminology, skills, concepts and techniques, how the project management processes are linked together, and role of stakeholders and organizational influences on projects.

PRJMGT 310 Project Integration and Scope Management 3 Units

Prerequisite: PRJMGT 300 with a grade of "C" or better
Course Transferable to CSU

Hours: 54 hours LEC

Successful project outcomes depend on an effective project management plan, development and execution, as well as adherence to a scope management process. They also begin with the proper integration of related project elements across project process groups and knowledge areas. The course builds on the introductory project management class to explore the project integration management processes to successfully integrate processes and activities required to define and coordinate the project effort within and across the project process including: project plan development, project plan execution, and overall change control. The scope management portion of this course will discuss the project scope management processes that ensure that all the work necessary to complete the project are included in the scope of the works, but that no unnecessary work is included, as this would represent an unnecessary risk to the project performance, especially in terms of the budget and the schedule.

PRJMGT 320 Project Time and Cost Management 3 Units

Prerequisite: PRJMGT 310 with a grade of "C" or better
Course Transferable to CSU

Hours: 54 hours LEC

This course provides project managers methods to effectively plan and manage the project schedule and cost. The time management portion of this course covers activity breakdown, estimation, sequencing and scheduling. The cost management portion discusses how to estimate and develop a budget, and why any budget is an estimate prior to the reporting of the actual costs. The cost topic also covers resource planning, cost estimation, cost control systems, project budgeting and the basic accounting principles needed to ensure the success of the project.

PRJMGT 330 Project Quality Management**3 Units**

Prerequisite: PRJMGT 310 with a grade of "C" or better
Course Transferable to CSU

Hours: 54 hours LEC

This course builds on the introductory project management class to explore the project quality management processes of quality planning, quality assurance, and quality control necessary to successfully meet conformance to project requirements and fitness of use. Quality standards and various methodologies are explored as tools and techniques used to manage project quality. The cost of poor quality is explained, as well as the cost/benefit associated with quality processes and procedures.

PRJMGT 340 Project Communication and Human Resource Management 3 Units

Prerequisite: PRJMGT 310 with a grade of "C" or better
Course Transferable to CSU

Hours: 54 hours LEC

The course explores the multiple communication channels within a project team and between a project and its various stakeholders. The course also discusses the issues around the management of the performance of all individuals involved in ensuring project success.

PRJMGT 350 Project Risk Management and Project Procurement Management 3 Units

Prerequisite: PRJMGT 310 with a grade of "C" or better
Course Transferable to CSU

Hours: 54 hours LEC

This course prepares project managers to gather information to successfully manage and respond to risks and opportunities through probability assessment and developing mitigation strategies for risks that may impact the project's triple constraint. The course also equips project managers with tools to research and acquire goods and services needed by the project either within or external to the organization.

PRJMGT 495 Independent Studies in Project Management 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: hours LEC

PRJMGT 499 Experimental Offering in Project Management .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 54 hours LEC

Psychology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE

AA – Psychology
AA-T – Psychology

Psychology concerns itself with the study of behavior and mental processes. Part of its appeal and fascination is the fact that it involves both pure science and the practical application of science to matters of everyday life. Those pursuing psychology as a field of study will find many career options centering around helping others understand, predict, and control or modify behavior.

Career Options

Career options as educators, scientists, consultants, practitioners and mental health professionals with some of the following titles:

Administrator; Behavior Analyst; Childcare Worker; College Professor; College Counselor; Social Services Counselor; Human Services Specialist; Marketing Specialist; Personnel Analyst; Probation Officer; Psychiatric Tech/ Aide; Psychologist; Psychometrist; Public Survey; Research Therapist; Training/ Development Specialist; Ward Attendant; Youth Supervisor

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

Highlights

- Exemplary instructional staff that includes authors and researchers
- Varied course offerings including psychology of women and human sexuality
- Psychology courses complement AA degrees and/or certifications in many other fields: Administration of Justice, Anthropology, Communications Media, Corrections, Early Childhood Education, Human Services, Interdisciplinary Studies, Marketing/Business, Health/Medicine, Consumer Affairs, and the military.

DEGREE

AA – Psychology

REQUIRED PROGRAM.....	Units
PSYC 300 General Principles	3
PSYC 312 Biological Psychology	4
PSYC 320 Social Psychology	3
PSYC 330 Introductory Statistics for the Behavioral Sciences	3
PSYC 335 Research Methods in Psychology.....	3
A minimum of 3 units from the following:	
PSYC 340, PSYC 354, PSYC 356, PSYC 360, PSYC 368, PSYC 370/FCS 324, PSYC 372/ECE 312, PSYC 495, PSYC 499	
TOTAL UNITS REQUIRED.....	19

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

The psychology degree is designed to facilitate students' successful transfer to BA programs, completion of which, prepares them for advanced study in a variety of graduate programs. Psychologists with graduate degrees and professional certificates have a broad range of employment opportunities including, but not limited to, clinical practice, research, and teaching. Clinical psychologists work in a variety of settings and with a wide range of clients. Research psychologists work in a range of fields associated with the study of human behavior, including biomedical, sports psychology, and cognitive neuroscience.

Program Student Learning Outcomes

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

- Demonstrate familiarity with the major concepts and theoretical perspectives in psychology.
- Evaluate the influence of biological and environmental factors on behavior and mental processes.
- Apply psychological concepts and theories to personal and social issues.
- Apply basic research methods to evaluate psychological issues.
- Demonstrate the appropriate use and interpretation of various descriptive and inferential statistics relevant to psychology.

DEGREE**AA-T – Psychology**

REQUIRED PROGRAM.....	Units
PSYC 300 General Principles	3
PSYC 312 Biological Psychology	4
PSYC 320 Social Psychology	3
PSYC 330 Introductory Statistics for the Behavioral Sciences	3
PSYC 335 Research Methods in Psychology.....	3
A minimum of 3 units from the following:	3
PSYC 340 Abnormal Behavior (3)	
PSYC 351 Human Behavior (3)	
PSYC 354 The Psychology of Family Life and Intimate Relationships in a Diverse Society (3)	
PSYC 356 Human Sexuality (3)	
PSYC 360 Psychology of Women (3)	
PSYC 368 Cross Cultural Psychology (3)	
PSYC 370 Human Development: A Life Span (3) or	
FCS 324 Human Development: A Life Span(3)	
PSYC 372 Child Development (3) or	
ECE 312 Child Development (3)	
PSYC 495 Independent Studies in Psychology (1-3)	
PSYC 499 Experimental Offering in Psychology (0.5-4)	
TOTAL UNITS REQUIRED.....	19

Students are required to:

- Complete a minimum of 19 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework.
- Complete 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- No more than 60 semester units are required.
- A "P" (Pass) grade is not an acceptable grade for courses in the major.

This program is designed to provide a clearly articulated curricular track for students who wish to transfer to a CSU in Psychology and meets the requirements of the statewide transfer model curriculum. Additionally, this program will expose students to the core principles and practices of the field in order to build a foundation for their future personal, academic, or vocational paths. In addition to transfer, this foundation would be appropriate for entry into a variety of paraprofessional careers and careers in related fields.

NOTE TO TRANSFER STUDENTS: Students interested in transferring to a four-year college or university to

pursue a bachelor's degree in this major should meet with a counselor to confirm the courses required for lower division preparation in the major. Transfer institutions may vary in terms of the required preparation.

Program Student Learning Outcomes

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

- Demonstrate familiarity with the major concepts and theoretical perspectives in psychology.
- Evaluate the influence of biological and environmental factors on behavior and mental processes.
- Apply psychological concepts and theories to personal and social issues.
- Apply basic research methods to evaluate psychological issues.
- Demonstrate the appropriate use and interpretation of various descriptive and inferential statistics relevant to psychology.

Psychology (PSYC)

PSYC 300 General Principles 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); CSU Area D9; IGETC Area 4I

Course Transferable to UC/CSU

Hours: 54 hours LEC

Psychology is the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories and concepts, methods, and research findings in psychology. Topics include the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology. This course is designed for psychology majors, behavioral and social science majors, and other students who desire a broad overview of the field.

PSYC 312 Biological Psychology 4 Units

Prerequisite: None.

General Education: AA/AS Area IV; CSU Area B2; CSU Area B3; CSU Area D9; IGETC Area 5B; IGETC Area 5C
Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This course will focus on how the brain produces thought and behavior. It will explore the physiological, biochemical, genetic, and evolutionary mechanisms underlying fundamental human capacities such as sensory perception, movement, sleep, dreaming, emotion, motivation, memory and language. Students will explore the broader ethical and societal implications of recent advances in neuroscience, as well as the variety of research methods used to achieve these advances. Students will dissect brains and other nervous tissue and record psychophysiological signals to provide a deeper understanding of nervous system anatomy and physiology. This is a basic course for psychology, biological science and allied health majors.

PSYC 320 Social Psychology 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); CSU Area D9; IGETC Area 4I

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course focuses on the scientific study of human interaction, with an emphasis on the individual within a social context. Study includes: social perception, social cognition, attitudes and attitude change, the self and social identity, prejudice, interpersonal attraction, close relationships, social influence, prosocial behavior, aggression, and group behavior.

PSYC 330 Introductory Statistics for the Behavioral Sciences 3 Units

Prerequisite: MATH 120 and PSYC 300 with grades of "C" or better

General Education: AA/AS Area II(b); CSU Area B4; IGETC Area 2

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course focuses upon the concepts and applications of descriptive and inferential statistics in psychology and other behavioral sciences. Topics include: descriptive statistics; probability and sampling distributions; parametric and nonparametric statistical methods, hypothesis testing, statistical inference and power; correlation and regression; chi-square; t-tests; and analysis of variance procedures. Application of both hand-computation and statistical software to data in a social science context will be emphasized to include the interpretation of the relevance of the statistical findings.

PSYC 335 Research Methods in Psychology 3 Units

Prerequisite: PSYC 300 with a grade of "C" or better
Corequisite: PSYC 330; Course may be taken concurrently or previously.

General Education: AA/AS Area II(b); CSU Area D9
Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces students to the basic principles and methods of conducting psychological research. The course is designed to expose students to the different experimental and non-experimental research methods used by psychologists to study human behavior and thought processes. In this course students will engage in each step of the research process including developing a hypothesis, conducting a literature review, designing a study, collecting data, analyzing data, and writing up and presenting the results.

PSYC 340 Abnormal Behavior 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); CSU Area D9; CSU Area E1; IGETC Area 4I

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an exploration of the broad questions of normality and abnormality. It includes an investigation of specific mental, emotional, and behavioral difficulties as viewed from the biological, psychoanalytic, behavioral, cognitive, humanistic and socio-cultural perspectives. Current approaches to psychological assessment and treatment modalities will be covered, including current community mental health practices.

PSYC 354 The Psychology of Family Life and Intimate Relationships in a Diverse Society 3 Units

Prerequisite: None.

General Education: AA/AS Area III(b); CSU Area E1
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.

PSYC 356 Human Sexuality 3 Units

Prerequisite: None.

General Education: AA/AS Area III(b); CSU Area E1; IGETC Area 4I

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course offers a balanced scientific understanding of the biopsychosocial perspective on human sexual behavior from birth through adulthood. The course provides factual, up-to-date nonjudgmental information designed to dispel myths, facilitate problem identification and possible solutions. The course explores the impact of cultural influences on human sexual behaviors of different ethnic groups. A survey of the biological, psychological and social aspects of the diversity of human sexual behavior is compared and contrasted. 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. (C-ID PSY 130)

PSYC 360 Psychology of Women 3 Units

Prerequisite: None.

General Education: AA/AS Area III(b); CSU Area E1; IGETC Area 4I

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course examines the human development process as it relates to women with an emphasis on the understanding of the specific female experiences in adolescence, adulthood and old age. Course topics include an examination of relevant research methods, theoretical perspectives, gender comparisons, gender stereotypes, the specific experiences of women of color, women across the lifespan, female sexuality, reproductive processes, physical and mental health, achievement of women, work by women and violence toward women. A major component of this course emphasizes a comprehensive understanding of the specific experiences women have in our society and throughout the world.

PSYC 368 Cross Cultural Psychology 3 Units

Prerequisite: None.

Advisory: PSYC 300

General Education: AA/AS Area V(b); AA/AS Area III(b); AA/AS Area VI; CSU Area D9; IGETC Area 4I

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course explores the impact of cultural influences on the psychological and individual development of ethnic group members. Emphasis will be placed on integrating traditional theoretical approaches and current cross-cultural statistical research and theory in the study of African-Americans, Asian Americans, Hispanic Americans, Native Americans, gays & lesbians, the elderly, and the disabled.

PSYC 370 Human Development: A Life Span 3 Units

Same As: FCS 324

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area V(b); AA/AS Area III(b); CSU Area D9; CSU Area E1; IGETC Area 4I

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course provides an overview, from a developmental and psychological perspective, of human development from conception through death, including biological and environmental influences. Theories and research of physical, cognitive, personality, and social development are examined, as well as attention to developmental problems. This course is designed to fulfill General Education, Nursing and Psychology degree requirements. This course is not open to those who have previously completed FCS 324. (C-ID PSY 180)

PSYC 372 Child Development 3 Units

Same As: ECE 312

Prerequisite: None.

Advisory: ENGWR 101 or 103; or ESLL 310, ESLR 320, and ESLW 320.

General Education: AA/AS Area V(b); AA/AS Area III(b); CSU Area D7; IGETC Area 4I

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course will examine the physical, cognitive, social and emotional development of the child from the prenatal period through adolescence. Scientific findings and theoretical insights from a range of disciplines will inform an integrated examination of development during the childhood years. This course is designed to fulfill general education, Psychology degree, and Early Childhood Education requirements. This course is not open to those who have previously taken ECE 312.

PSYC 495 Independent Studies in Psychology**1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

PSYC 499 Experimental Offering in Psychology**.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Public Management

**ACADEMIC
COUNSELING**

 Folsom campus - 916-608-6510
 El Dorado Center - 530-642-5645
 Rancho Cordova Center - 916-255-0717

CERTIFICATE OF ACHIEVEMENT

Public Management

Folsom Lake College's public management program is designed to provide training for entry-level employment or advancement in a career of public service, including state, county or municipal governments. This program was developed to respond to a community need. The Sacramento region includes thousands of local, county, and state public agencies. The Highway 50 Corridor Study, published by the Sacramento Regional Research Institute, indicates that training programs for public sector employees are needed and this program is a direct response to identified industry needs and supported by labor market research published by the region's Employment Development Department. In addition, required core courses in this certificate include interdisciplinary alliances with Business, Management, and Project Management offerings at FLC.

Career Options

The Public Management program is designed for professionals seeking to improve their skills with knowledge of public management. This public management certificate can be a component of a management development program suitable for individuals looking to enter or advance in a career in Public Management. People from a range of disciplines who serve in Public Management as part of their job role represent backgrounds such as Administrative Services Officer, Budget Analyst, Budget Examiner, Policy Analyst, Congressional Office/Committee Staffer, Federal or State Aid Coordinator, and Nonprofit Director to name a few.

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

Highlights

- Dedicated, well-trained instructors
- Highly interactive learning environment
- On-campus, off-campus, & online course offerings
- Guest lectures and demonstrations
- Opportunity to combine with business and other related areas of study for a more comprehensive education

CERTIFICATE OF ACHIEVEMENT

Public Management

REQUIRED PROGRAM.....	Units
BUS 300 Intro to Business	3
BUS 310 Business Communications	3
CISA 320 Intro to Database Management	3
MGMT 308 Personnel and Human Resources Management.....	3
MGMT 310 Introduction to Public Management....	3
MGMT 311 Introduction to Public Financial Administration.....	3
MGMT 315 Governmental Relations and Policy Development.....	3
PRJMGT 300 Introduction to Project Management...	3
TOTAL UNITS REQUIRED.....	22

*For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041945C01>*

This program is designed for students interested in careers in state, county, or municipal governments and community based non-profit organizations. The curriculum focuses on various competency areas for those wishing either to upgrade their managerial skills or enhance their existing abilities.

Program Student Learning Outcomes

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

- Identify the various types of public agencies: their administrative structures, lines of authority, roles and accountability.
- Define the various levels, roles and concepts of public management and develop an understanding of how government works.
- Demonstrate the ability to assess public government issues and evaluate ethical dilemmas in public management.
- Describe the political, intergovernmental and environmental impacts facing public managers.
- Distinguish the various federal, state and local fiscal planning cycles and their implications for policy making and program evaluation.
- Research the key stakeholders of the political process and how they impact the functioning and allocation of resources at the management level.
- Review the development and management of government budgets, including budget formats, budget cycles, budget processes, operating budgets,

analysis of revenue and expenditures, and related expenditure controls, cash management and accounting.

- Define the functions of public organizations and the inter-agency relationships between federal, state, and local public entities.
- Investigate and define the role of various public organizations and stakeholders in the policy development process, including the legislative process at the state and federal levels.

Real Estate

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

DEGREE AA – Real Estate

CERTIFICATE OF ACHIEVEMENT
Real Estate Broker

CERTIFICATE OF RECOGNITION
Real Estate Sales

Folsom Lake College offers, in addition to a Real Estate AA Degree, a variety of courses available which satisfy State of California prerequisites for Real Estate Salesperson and Real Estate Broker examinations.

Career Options

Real estate salesperson; real estate broker; real estate appraiser; small business owner

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

Highlights

- Instruction by trained, working real estate professionals
- Preparation for State of California real estate license examinations
- 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 three college-level courses in Real Estate Principles, Practice, and one additional selection from the following:

- Accounting 301
- Business Law 340
- Introduction to Escrow Procedures
- Legal Aspects of Real Estate
- Real Property Management
- Real Estate Appraisal
- Real Estate Economics
- Real Estate Finance

APPLICANTS FOR THE REAL ESTATE BROKER EXAMINATION

An applicant for the Broker examination must have completed eight college-level courses, in addition to the experience/educational requirements. These

eight courses should include the following FLC course offerings:

- Real Estate Principles
- Real Estate Practice
- Legal Aspects of Real Estate
- Real Estate Finance
- Real Estate Appraisal
- Real Estate Economics or Accounting 301
- and two courses from the following group: *
 - Business Law 340
 - Real Property Management
 - Introduction to Escrow Procedures
 - Advanced Appraisal

* If applicant completes both Accounting and Real Estate Economics, only one additional course is required.

**DEGREE
AA – Real Estate**

REQUIRED PROGRAM.....	Units
ACCT 301 Financial Accounting	4
BUS 300 Introduction to Business.....	3
BUS 310 Business Communication	3
BUS 330 Managing Diversity in the Workplace	3
BUS 340 Business Law	3
BUSTEC 302 Computer Keyboarding	2
A minimum of 3 units from the following:	3
CISA 308 Exploring Word Processing and Presentation Software (1)	
CISA 310 Introduction to Electronic Spreadsheets (1)	
CISA 320 Introduction to Database Management (1)	
CISC 300 Computer Familiarization (1)	
CISC 308 Exploring Computer Environments and the Internet (1)	
CISC 310 Introduction to Computer Information Science (3)	
CISC 320 Operating Systems (1)	
A minimum of 3 units from the following:	3
ECON 302 Principles of Macroeconomics (3) or ECON 320 Concepts in Personal Finance (3)	
MKT 300 Principles of Marketing	3
RE 110 Legal Aspects of Real Estate	3
RE 120 Real Estate Practice.....	3
RE 130 Real Estate Finance.....	3
RE 140 Real Estate Appraisal	3

RE 300	California Real Estate Principles	3
TOTAL UNITS REQUIRED.....		42

This AA degree may be obtained by completion of the Required Program, plus General Education Requirements, plus sufficient electives to meet a 60-unit total.

The associate degree program in real estate focuses on the practical application and concepts utilized in real estate markets and career fields. Course work includes real estate principles, legal aspects, practice, finance, economics and appraisal

Program Student Learning Outcomes

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

- Identify and explain the major functional areas of real estate, including legal aspects, finance, economics, real estate practice and appraisal.
- Demonstrate leadership skills and abilities that are effective in a real estate environment.
- Analyze practical real estate problems.
- Integrate real estate principles related to finance, law, products, services and information.
- Assess current real estate market conditions.
- Recommend appropriate sales strategies, based on market conditions.
- Qualify for the California Real Estate Broker's and Salespersons license examinations.
- Utilize research and critical thinking to evaluate and recommend alternative solutions to real estate problems.

CERTIFICATE OF ACHIEVEMENT

Real Estate Broker

REQUIRED PROGRAM.....	Units	
RE 110	Legal Aspects	3
RE 120	Real Estate Practice.....	3
RE 130	Real Estate Financing	3
RE 140	Real Estate Appraisal	3
RE 150	Real Estate Economics or	
ACCT 301	Financial Accounting	3-4
RE 300	Principles of Real Estate	3
Plus three (3) units selected from the following:.....		3
BUS 340; RE 141, 161		
TOTAL UNITS REQUIRED.....		21-22

For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041224C01>

This certificate introduces students to advanced concepts of the real estate career field. Topics include the principles of real estate, law, economics, finance, practice and appraisal, property management, and real estate economics

Program Student Learning Outcomes

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

- Apply advanced knowledge of the fundamental concepts of real estate—including finance, investment, appraisal, property management, sales and construction—necessary to manage a real estate sales office.
- Describe the relevant technical terminology, laws and regulations, and industry standards required in the real estate field.
- Interpret and apply knowledge of the basic principles necessary in opening and staffing a residential real estate broker's office, including office management tools and techniques.
- Qualify for the California Real Estate Broker's License Examination.
- Apply advanced problem solving and leadership techniques needed to manage real estate transactions.

CERTIFICATE OF RECOGNITION

Real Estate Sales

REQUIRED PROGRAM.....	Units	
RE 120	Real Estate Practice.....	3
RE 300	Principles of Real Estate	3
Plus three (3) units selected from:		3
RE 110, 130, 140		
TOTAL UNITS REQUIRED.....		9

This certificate introduces the basic concepts of the real estate career field. Topics include the principles of real estate, law, economics, finance, practice and appraisal.

Program Student Learning Outcomes

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

- Apply a basic knowledge of the fundamental concepts of real estate.
- Define the technical terminology involved in the real estate field.
- Interpret and apply a knowledge of real estate transactions.
- Qualify for the California Real Estate Salesperson's License Examination.
- Analyze real estate situations and property, interpret the data, and properly complete deposit receipts.

Real Estate (RE)

RE 110 Legal Aspects of Real Estate 3 Units

Prerequisite: None.

Hours: 54 hours LEC

This course is a study of California real estate law. Topics include: the sources of law and the judicial system; agency; duties and responsibilities of licensees; contracts and their application to real estate; property ownership and management; real estate security devices; property rights, liens and homesteads; landlord-tenant law, land use controls, and title insurance and escrow. Completion of the course applies toward the California Department of Real Estate education requirements for the broker's examination.

RE 120 Real Estate Practice 3 Units

Prerequisite: None.

Hours: 54 hours LEC

This course covers practices and techniques of residential real estate brokerage and sales, including ethics, fair housing agency, goal setting, prospecting, listing, advertising, escrow procedures, financing, taxation, marketing, property management, leasing and business opportunities. This course applies toward California Department of Real Estate education requirements for the broker's examination.

RE 121 Home Staging 2 Units

Prerequisite: None.

Hours: 36 hours LEC

This course is an introduction to the best practices for preparing the interior and exterior of a home for sale. This course is an elaboration of some techniques introduced in Real Estate 120, Real Estate Practice, but with an eye to the design issues apparent in successfully marketing a home for sale. Subject matter includes creating curb appeal, decluttering and depersonalizing interior spaces, appealing to a buyers' five senses, and creating a positive emotional reaction in a potential buyer. Successful students will be able to employ these techniques within their profession as a real estate agent, as professional home stagers, or as principals selling their own homes.

RE 130 Real Estate Finance 3 Units

Prerequisite: None

Hours: 54 hours LEC

This course is an analysis of real estate financing, including lending policies and problems in financing transactions in residential, apartment, commercial, and special purpose properties. Methods of financing properties are emphasized. Successful completion of the course applies toward the educational requirements for the Broker's Examination.

RE 140 Real Estate Appraisal 3 Units

Prerequisite: None.

Hours: 54 hours LEC

This course covers the purposes of appraisals; the appraisal process; and the different approaches, methods and techniques used to determine the value of various types of property. The course emphasizes residential single family properties and applies toward the educational requirement for the Real Estate Broker's License, and Licensed and General Appraiser's License.

RE 141 Advanced Appraisal 3 Units

Prerequisite: RE 140. Grade of "C" or better required to meet prerequisite.

Hours: 54 hours LEC

This course discusses advanced appraisal concepts with an emphasis on market and income analysis, capitalization techniques, rate derivation, compound interest tables, cost and sales comparison approaches; and the appraisal of specific income properties such as apartments, office buildings, shopping centers and industrial properties.

RE 150 Real Estate Economics 3 Units

Prerequisite: None

Hours: 54 hours LEC

This course covers nature and classification of real estate and real estate investments, economic development of real property, real estate cycles and market trends. Governmental and private sector influence on the economics of real estate is covered. It is recommended that this course be taken last in the real estate course series.

RE 161 Advanced Escrow Procedures 3 Units

Prerequisite: RE 160. Grade of "C" or better required to meet prerequisite.

Hours: 54 hours LEC

This course covers unusual and difficult types of escrow, including the evaluation of possible solutions with emphasis on real estate loans, financing instruments and exchanges.

RE 295 Independent Studies in Real Estate**1-3 Units**

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

RE 299 Experimental Offering in Real Estate**.5-4 Units**

Prerequisite: None

Hours: 18 hours LEC ; 54 hours LAB

RE 300 California Real Estate Principles 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This fundamental real estate course covers the basic laws and principles of California real estate, introducing students to the background and terminology necessary for advanced study in specialized real estate courses. Topics include real estate regulation, title, possession, encumbrances and financing. This course is required by the California Department of Real Estate prior to taking the real estate salesperson's examination.

RE 495 Independent Studies in Real Estate**1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

RE 499 Experimental Offering in Real Estate**.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Sign Language Studies

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Folsom Lake College offers courses in Sign Language Studies designed to introduce students to American Sign Language. Students learn basic conversational skills to communicate with members of the deaf community. Moreover, students learn about deaf culture such as cultural behaviors and values. SILA courses are transferable to UC and CSU. Students who are interested in pursuing the interpreting field would be able to transfer to American River College's Interpreting Training Program.

Career Options

ADA Specialist; Childcare Worker; Group Home Worker; Human Services Worker; Independent Skills Instructor; Interpreter; Linguist; Mental Counselor; Rehabilitation Counselor; Teacher; Teacher Aide; Telecommunications Operators; Video Relay Interpreter; Residential Counselor.

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

Prerequisite: None.

General Education: AA/AS Area I; IGETC Area 6

Course Transferable to UC/CSU

Hours: 72 hours LEC

This is a beginning course in a series of four courses in American Sign Language, ASL. ASL employs the visual channel, which Deaf Americans and Deaf Canadians use. The instructional activities are based on immersion approach, which the learners develop the language competency to communicate with ASL users. This is one of four serial courses designed to be equivalent to two years of high school foreign language.

SILA 306 American Sign Language 2 4 Units

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

General Education: AA/AS Area I; IGETC Area 6

Course Transferable to UC/CSU

Hours: 72 hours LEC

SILA 306 is second course in a series of four courses in American Sign Language, ASL. The study in this course continues on vocabulary, syntactic structures, conversational skills and narrative skills. In addition to these, the learners' language monitoring skills will be improved with accuracy. The learners will learn on how to engage in discussions with peers.

SILA 315 American Sign Language 3 4 Units

Prerequisite: SILA 306 with a grade of "C" or better

General Education: AA/AS Area I; CSU Area C2; IGETC Area 6

Course Transferable to UC/CSU

Hours: 72 hours LEC

The third course of the series continues the development of engaging in substantive dialogues in various settings such as presentation and discussion. The learners employ the independence and flexibility in processing the targeted language with prompts. The learners are expected to synthesize the comprehension and articulation of substantive narrations. Moreover, the learners continue the study of Deafhood theory, social norms and history.

SILA 316 American Sign Language 4 4 Units

Prerequisite: SILA 315 with a grade of "C" or better

General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B; IGETC Area 6

Course Transferable to UC/CSU

Hours: 72 hours LEC

The fourth course of the series explores in the domains of presentation, discussion, negotiation, and inquiry in the targeted language, ASL. The platform of this course is to strengthen the fluency in ASL receptively and expressively. In addition to these, the Deafhood theory, social norms and history will be explored.

**SILA 495 Independent Studies in Sign Language
Studies 1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**SILA 499 Experimental Offering in Sign
Language Studies .5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Sociology

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Sociology examines the social and cultural bases that impact human behavior, interaction, and life chances. Courses in sociology enable students to see their own contexts, their connections to social structures and natural environments, and provide important tools for thinking critically about our world. The study of sociology facilitates careers in public policy, law, politics, social services, and international work. An advanced education in sociology can also lead to teaching at the high school, college, and graduate levels. Sociologists are involved, as well, in research at the local, state, and federal levels and in both private and public sector industry. Finally, many sociologists apply their education to working with local and global communities to support social justice issues.

Highlights

- Practical courses valuable to all students and well-trained and interesting instructional staff.

Sociology (SOC)

SOC 300 Introductory Sociology 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); CSU Area D0; IGETC Area 4J

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course introduces the social and cultural bases that impact human behavior, social interaction, and life opportunities. This course will cover sociological concepts, theoretical approaches, and major fields of sociological inquiry including culture, socialization, social structures and institutions, inequalities and stratification, deviance, and social change. (C-ID SOCI 110)

SOC 301 Social Problems 3 Units

Prerequisite: None.

General Education: AA/AS Area V(b); CSU Area D0; IGETC Area 4J

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course investigates current social problems in the United States. It examines these problems through sociological and ideological perspectives and evaluates how these perspectives influence both definitions of problems as well as proposed solutions. Topics include: racism, economic inequality, sexism and heterosexism, as well as problems arising in the areas of education, marriage and family, crime, health and healthcare, and the environment. Particular attention is paid to the impact of media on perceptions of social problems. (C-ID SOCI 115)

SOC 310 Marriage and the Family 3 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b); CSU Area D7; CSU Area E1; IGETC Area 4G

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course examines the social, historical, cultural, and structural factors that impact families and influence societal definitions and expectations of the concepts of marriage and family. This course also examines the internal dynamics of families, as well as the ways in which they are shaped by the hierarchies of the larger social world. Gender roles and expectations, media impact, intimacy, violence in families, parenting, and public policies are also explored. Special emphasis will be placed on the diversity of families and family forms. (C-ID SOCI 130)

SOC 321 Race, Ethnicity and Inequality in the United States 3 Units

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

General Education: AA/AS Area V(b); AA/AS Area VI; CSU Area D3; IGETC Area 4J

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course uses the sociological perspective to examine the relationship between race, ethnicity, and inequality in the U.S. and covers topics including: prejudice, discrimination, ethnocentrism, individual and institutional racism, privilege, assimilation, civil rights, and other related issues. This course includes an analysis of the social and historical experiences of major minority groups in the U.S. and how these experiences impact current socioeconomic conditions. (C-ID SOCI 150)

SOC 495 Independent Studies in Sociology 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

SOC 499 Experimental Offering in Sociology .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Spanish

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Folsom Lake College offers the fundamental communication courses for proficiency in Spanish. Students will be able to understand the spoken language, to speak, read, and write at level proficiency.

Spanish leads as the most career applicable foreign language in the state of California. Spanish speaker demographics remain the most stable and fastest growing.

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

- State of the Art pedagogical materials, technology, and facilities.
- Spanish Department includes nationally published and recognized scholars in the area of methodology. Faculty are internationally trained at native scholar quality.
- Spanish is established internationally as one of the three most desirable languages in the global economy.
- Proficiency increases individual marketability, competing business sustainability, and cultural competencies. Spanish continues to lead with unwavering contribution toward student professional success in all areas.

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 401 Elementary Spanish 4 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C2; IGETC Area 6

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 knowledge of the geography, culture and people of regions where Spanish is spoken and of Spanish-speakers contributions to North American and world cultures.

SPAN 402 Elementary Spanish 4 Units

Prerequisite: SPAN 401 with a grade of "C" or better; or two years of high school Spanish.

General Education: AA/AS Area I; CSU Area C2; IGETC Area 6

Course Transferable to UC/CSU

Hours: 54 hours LEC ; 54 hours LAB

This is the second semester of elementary Spanish. It is designed for students who have completed SPAN 401 or two years of high school Spanish. It provides refinement of skills acquired in SPAN 401. Utilizing learned materials, students will gain increased accuracy and ability to understand and produce appropriate responses in high-frequency situations. Speaking and writing will be comprehensible to a sympathetic listener. Verbal and written expression will be limited to short, culturally appropriate communication on a wider range of topics than at the SPAN 401 level. Students will acquire knowledge of the geography, culture and people of regions where Spanish is spoken and of contributions to North American and other world cultures.

SPAN 411 Intermediate Spanish 4 Units

Prerequisite: SPAN 402 with a grade of "C" or better
General Education: AA/AS Area I; CSU Area C2;
IGETC Area 3B; IGETC Area 6
Course Transferable to UC/CSU
Hours: 54 hours LEC ; 54 hours LAB

This is first semester Intermediate Spanish. It is designed for students who have completed SPAN 402 or three years of high school Spanish. It provides refinement of skills attained in 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

Prerequisite: SPAN 411 with a grade of "C" or better
General Education: AA/AS Area I; CSU Area C2;
IGETC Area 3B; IGETC Area 6
Course Transferable to UC/CSU
Hours: 54 hours LEC ; 54 hours LAB

This course will provide continued development of the Intermediate low and Intermediate Mid Level listening/speaking skills attained in SPAN 411 while helping the student work toward the Intermediate High level. The course will focus on development of written narratives and expository prose along with increased awareness of cultural concerns, norms, values, and culture-specific customs and events, with emphasis placed on culturally-authentic reading and writing through the introduction and application of basic literary analysis. The course will help to develop the student's emerging ability to handle complicated situations, to discuss topics beyond immediate personal needs (e.g., current events, media, politics, values, history, traditions, social issues and customs), and to use forms indicating past and future time frames. The student will also acquire knowledge and an appreciation of the geography, culture and people from Spanish-speaking countries and their contributions to North American and world-wide culture.

**SPAN 495 Independent Studies in Spanish
1-3 Units**

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

**SPAN 499 Experimental Offering in Spanish
.5-4 Units**

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

Student Government

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

These courses are designed for those students interested in developing their leadership skills and participating in planning and organizing campus activities. They are open to all students. Student Government is a pathway participating in the Associated Students organization representing the student body of Folsom Lake College. Students who enroll in this class are voting members of either the Student Senate or Club and Events Board (CAEB). They will also have the opportunity to serve on a variety of college committees and attend leadership conferences.

Highlights

- Develop leadership skills by working with student activities, clubs, and ASFLC.
- Represent the student voice to the campus and community
- Attend leadership conferences and workshops
- Participate on college committees to help develop and determine policy as it relates to student issues

Student Government (SGVT)

SGVT 300 Introduction to Student Government 2 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

This class provides a study of the legal, educational and philosophical basis of student government. The course may include travel to other campuses, area conferences and state conferences and provides the opportunity to participate on faculty and administrative committees. Topics are designed to teach leadership skills and to give practical experience in the field of student government.

SGVT 495 Independent Studies in Student Government 1-3 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 36 hours LAB

SGVT 499 Experimental Offering in Student Government .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Theatre Arts

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

The Theatre Arts courses are designed to provide students with a basic understanding of activities involved in theatre presentations and production. The basic program also provides an opportunity for students to apply skills associated with the course offerings.

Career Options

Acting; Theatre Arts Management; Publicity and Public Relations; Teaching; Box Office Management

Some career choices may require an Associate Degree or course work beyond.

Highlights

- Dedicated faculty with a passion for the theatre with professional experience in directing and playwriting as well as considerable teaching experience at the undergraduate level.
- Opportunity for some students to gain access to four-year college and university theatre programs as well as internships in major regional theatres.

Theatre Arts (TA)

TA 300 Introduction to the Theatre 3 Units

Prerequisite: None.

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This art survey course focuses on the relationship of theatre to various cultures throughout history, and on the contributions of significant individual artists. This course introduces students to elements of the production process including playwriting, acting, directing, design, and criticism. Students will also survey different periods, styles, and genres of theatre through play reading, discussion, films, and viewing and critiquing live theatre, including required attendance of theatre productions. (C-ID THTR 111)

TA 302 History and Theory of the Theatre I 3 Units

Prerequisite: None.

Advisory: ENGWR 300 and TA 300; or placement through the assessment process.

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course follows the development of the theatre arts from ancient Greece through the 17th Century. The history and evolution of theatre is studied in relationship to the socio-political and cultural conditions of the time. Plays will be read that exemplify major trends and prominent artists. (C-ID THTR 113)

TA 303 History and Theory of the Theatre II 3 Units

Prerequisite: None.

Advisory: ENGWR 300 and TA 300; or placement through the assessment process.

General Education: CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a study of the principal types of twentieth century theatre. The historical and cultural environment in which significant trends and the plays that exemplify them were written will be examined. Plays will be read focusing on their relevance in history and their lasting impact upon contemporary audiences.

TA 304 Women in Theatre 3 Units

Prerequisite: None.

Advisory: ENGWR 300 and TA 300; or placement through the assessment process.

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is an exploration of women's contributions to the performing arts as actors, playwrights, directors, designers, and theorists. Studies will include understanding creative interpretations by women artists and will be approached from a western cultural perspective.

TA 310 Introduction to Film 3 Units

Prerequisite: None.

Advisory: ENGWR 300

General Education: AA/AS Area I; CSU Area C1; IGETC Area 3A

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course explores the artistic, business, and social elements of modern cinema. It examines components of movie making, such as acting, directing, cinematography, writing and editing. Film making techniques are analyzed, along with the impact of motion pictures and the movie business.

TA 314 History of Film: 1880's through 1950's 3 Units

Prerequisite: None.

Advisory: ENGWR 101; or placement through the assessment process.

General Education: AA/AS Area I; CSU Area C1

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a historical and critical survey of motion pictures as an art form. It emphasizes the evolution of artistic and technical facets of production in features, documentaries, and experimental films, focusing on movies from the 1880s through 1950s.

TA 315 History of Film: 1950's to Present 3 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area I; CSU Area C1

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is a historical and critical survey of motion pictures as an art form. It emphasizes the evolution of artistic and technical facets of production in features, documentaries, and experimental films, focusing on movies from the 1950s to present.

TA 320 Cinema Genres 3 Units

Same As: FMS 320

Prerequisite: None.

Advisory: ENGWR 300

General Education: AA/AS Area I

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course is designed to explore in depth one or more motion picture genres. Special attention is paid to development, aesthetics, popularity and artists of the specific form. This course may be taken four times for credit if the subject matter is not repeated. See the Schedule of Classes for specific information. Not open to students who have received credit for FMS 320.

TA 331 Film Making 3 Units

Prerequisite: TA 310 with a grade of "C" or better

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course covers contemporary methods of motion picture production, including low-budget cinema, with a concentration on the aesthetics of motion pictures. Stressed are techniques of direction, lighting, photography, editing, and other aspects of the motion picture theatre arts. Equipment and supplies for individual projects must be furnished by each student. Supplies and equipment are furnished for students working on group projects.

TA 339 Screenwriting 3 Units

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

Advisory: ENGWR 101 or eligibility for ENGWR 300

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course explores the motion picture theatre art of screenwriting. Students will view and analyze motion pictures, participate in exercises and workshops, compose a screenplay for a short film, and plot a feature-length professionally formatted screenplay.

TA 340 Beginning Acting 3 Units

Prerequisite: None.

Advisory: TA 300

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course is an introduction to stage performance. Included is a classroom investigation of performance through the use of theatre games, movement, voice, sensory awareness, and improvisation. Students will practice basic acting theory through scene study. The course is designed for students new to acting wishing to explore self-expression through performance, and for those more experienced students wishing to begin the degree sequence. (C-ID THTR 151)

TA 344 Improvisation and Theatre Games 2 Units

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 18 hours LEC ; 54 hours LAB

This class introduces students to improvisational acting styles and theatre games for performance. Improvisation practice will focus on trust and confidence building, teamwork, self-expression, and creative facility. Students also will practice more advanced work in non-scripted performance through theatre games. This class culminates in a public performance.

**TA 350 Theory and Techniques of Acting I
3 Units**

Prerequisite: TA 340 with a grade of "C" or better; or Instructor consent

Advisory: TA 300

General Education: AA/AS Area I

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course explores contemporary concepts in scene study and the creation of a character in the style of Realism for a modern play. Students stage and perform memorized scenes from the Modern Realism period in class. (C-ID THTR 152)

**TA 351 Theory and Techniques of Acting II
3 Units**

Prerequisite: TA 350 with a grade of "C" or better

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course continues the exploration of contemporary concepts in scene study and the creation of a character for a modern realistic play begun in TA 350. Students stage and perform memorized scenes and monologues from modern realistic plays in class.

TA 356 Acting for the Camera I 3 Units

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

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This is an introductory course in the theories and techniques of acting for the camera. This course compares the differences between acting on the stage and acting for the camera. Scenes and commercials will be rehearsed, performed, and critiqued.

TA 395 Playwriting 3 Units

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

Advisory: ENGWR 101 or eligibility for ENGWR 300

Course Transferable to UC/CSU

Hours: 54 hours LEC

This course explores the writing, reading, performing, and critiquing of original plays for the theatre. Students will write plays and revise their work continually throughout the semester. Plays written by students will be read, performed, and discussed in class. Students will complete a full-length play by the end of the semester.

TA 420 Stagecraft 3 Units

Prerequisite: None.

Advisory: Students should be able to climb a ladder and lift a minimum of 30 pounds.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 72 hours LAB

This course will serve as an introduction to technical theatre specifically related to stage-craft and the elements of scenic construction, construction tools, types of theatres, and theatre safety. Practical experience is gained by working on department productions. Stagecraft work often requires moving semi-heavy objects, tools, and ladders, and the carrying of scenic elements or lighting instruments up to a height. (C-ID THTR 171)

TA 422 Stage Lighting 3 Units

Prerequisite: None.

Advisory: Students should be able to climb a ladder and lift a minimum of 30 pounds.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 72 hours LAB

This course is an introduction to the basic concepts of lighting the stage, motion pictures, and television. The course covers the planning of lighting from the basics of electricity, equipment and control, to the design elements of color, space, scenery, and movement to produce a lighting design. Stage lighting work often requires moving semi-heavy objects, tools, and ladders, and carrying lighting equipment up to a height.

TA 423 Introduction to Scene Design for the Stage 3 Units

Prerequisite: None.

Advisory: ART 300 and TA 420

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 72 hours LAB

This course will serve as an introduction to the techniques and procedures of designing and painting scenery for the stage including design, color, perspective, tool use, notation, and drafting. It will consist of developing design plans, methods of visual representation of ideas, scale drawings and models, and practice in scenic painting.

TA 424 Advanced Technical Theatre 3 Units

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

Advisory: Students should be able to climb a ladder and lift a minimum of 30 pounds.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 72 hours LAB

This course will explore advanced technical theatre and production techniques in the areas of scenery, properties, lighting, sound, scenic painting, rigging, and stage management. Practical experience is gained by working on productions for the Department of Theatre and Cinema Arts, Department of Music, Dance program, and/or the guest speaker series. Technical theatre often requires moving semi-heavy objects, tools, and ladders, and carrying scenic elements or lighting instruments up to a height

TA 426 Stagehand Practices 3 Units

Prerequisite: TA 424 with a grade of "C" or better

Advisory: Students should be able to climb a ladder and lift a minimum of 30 pounds.

Course Transferable to CSU

Hours: 36 hours LEC ; 72 hours LAB

This course will serve as an introduction to union stagehand practices. Topics include concepts of trade unionism and the function and services of the various professional unions involved in theatrical and motion picture production. The class will focus on developing basic skills of professional stagehand work and on trade safety. Practical experience is gained by working on department productions. Stagehand work often requires moving semi-heavy objects, tools, and ladders, and carrying scenic elements or lighting instruments up to a height.

TA 427 Stagehand Pre-Apprenticeship 2 Units

Prerequisite: TA 426 with a grade of "C" or better

Advisory: Students must be able to climb a ladder and lift a minimum of 30 pounds.

Course Transferable to CSU

Hours: 108 hours LAB

This course will serve as practical stagehand experience for students working alongside professional union stagehands on department and visiting productions. Students will earn apprenticeship hours towards the required minimum for the professional stagehand union's apprenticeship program. Stagehand work often requires the moving of semi-heavy objects, tools, and ladders, and carrying scenic elements or lighting instruments up to a height.

TA 430 Costume Construction 3 Units

Prerequisite: None.

Advisory: ENGWR 300

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This course explores the basic areas of costume construction. Topics include fabrics, color, patterns, sewing techniques, costume pieces, and accessories. Period styles, costume analysis, and basic design are also covered. It offers experience in constructing costumes for theatrical productions. (C-ID THTR 174)

TA 452 One-Act Play Workshop 3 Units

Prerequisite: TA 340 with a grade of "C" or better.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

This class explores the play production process. Class members collaborate in the analysis, preparation and production of one-act plays through participation as either directing writers, actors or technicians. The process culminates in public performances.

TA 461 Rehearsal and Performance - Drama**.5-3 Units**

Course Family: Classical Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Audition or Interview

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course provides a workshop-style training experience in the preparation and performance of a dramatic theatre production. Prospective student actors audition for roles in the production. Prospective student designers, technicians, artisans, managers, and administrators interview for positions on the design team and production staff. (C-ID THTR 174)

TA 462 Rehearsal and Performance - Comedy**.5-3 Units**

Course Family: Modern Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Audition or Interview

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course provides a workshop-style training experience in the preparation and performance of a comedic theatre production. Prospective student actors audition for roles in the production. Prospective student designers, technicians, artisans, managers, and administrators interview for positions on the design team and production staff.

**TA 465 Rehearsal and Performance - Musical
.5-3 Units**

Course Family: Musical Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Audition or Interview

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course provides a workshop-style training experience in the preparation and performance of a musical theatre production. Prospective student actors, dancers, and musicians audition for roles in the production. Prospective student designers, technicians, artisans, managers, and administrators interview for positions on the design team and production staff. (C-ID THTR 174)

TA 494 Topics in Theatre Arts .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 108 hours LEC ; 108 hours LAB

This course is designed to give students an opportunity to study a variety of topics dealing with performance and/or production aspects of theatre not included in current course offerings. This course may be repeated for credit, providing there is no duplication of topics.

**TA 495 Independent Studies in Theatre Arts
1-3 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

**TA 498 Work Experience in Theatre Arts
1-4 Units**

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to theatre arts. Students are advised to consult with the Theatre Arts Department to review specific certificate and degree work experience requirements.

Course Transferable to CSU

Hours: 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

**TA 499 Experimental Offering in Theatre Arts
.5-4 Units**

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Theatre Arts Performance (TAP)

**TAP 300 Modern Rehearsal and Performance I
1-3 Units**

Course Family: Modern Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the first level of four courses in the rehearsal and performance of modern theatre. It provides workshop training for students performing in their first modern theatre production. Students audition or interview with the director for participation in a modern drama or comedy. Field trips may be required.

TAP 301 Modern Rehearsal and Performance II
1-3 Units

Course Family: Modern Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the second level of four courses in the rehearsal and performance of modern theatre. It provides workshop training for students performing in their second modern theatre production. Students audition or interview with the director for participation in a modern drama or comedy. Field trips may be required.

TAP 302 Modern Rehearsal and Performance III
1-3 Units

Course Family: Modern Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the third level of four courses in the rehearsal and performance of modern theatre. It provides workshop training for students performing in their second modern theatre production. Students audition or interview with the director for participation in a modern drama or comedy. Field trips may be required.

TAP 303 Modern Rehearsal and Performance IV
1-3 Units

Course Family: Modern Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the fourth level of four courses in the rehearsal and performance of modern theatre. It provides workshop training for students performing in their fourth modern theatre production. Students audition or interview with the director for participation in a modern drama or comedy. Field trips may be required.

TAP 310 Modern Technical Production I
1-3 Units

Course Family: Modern Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course.

Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the first level of four courses which provide a workshop training experience for students working in their first position on the production crew of a modern theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 311 Modern Technical Production II
1-3 Units

Course Family: Modern Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course.

Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the second level of four courses which provide a workshop training experience for students working in their second position on the production crew of a modern theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 312 Modern Technical Production III**1-3 Units**

Course Family: Modern Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the third level of four courses which provide a workshop training experience for students working in their third position on the production crew of a modern theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 313 Modern Technical Production IV**1-3 Units**

Course Family: Modern Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the fourth level of four courses which provide a workshop training experience for students working in their fourth position on the production crew of a modern theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 320 Classical Rehearsal and Performance I**1-3 Units**

Course Family: Classical Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the first level of four courses in the rehearsal and performance of a classical theatre production. It provides workshop training for students performing in their first classical theatre production. Students audition or interview with the director for participation in a classical drama or comedy. Field trips may be required.

TAP 321 Classical Rehearsal and Performance II**1-3 Units**

Course Family: Classical Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the second level of four courses in the rehearsal and performance of a classical theatre production. It provides workshop training for students performing in their second classical theatre production. Students audition or interview with the director for participation in a classical drama or comedy. Field trips may be required.

TAP 322 Classical Rehearsal and Performance III**1-3 Units**

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the third level of four courses in the rehearsal and performance of a classical theatre production. It provides workshop training for students performing in their third classical theatre production. Students audition or interview with the director for participation in a classical drama or comedy. Field trips may be required.

**TAP 323 Classical Rehearsal and Performance IV
1-3 Units**

Course Family: Classical Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the fourth level of four courses in the rehearsal and performance of a classical theatre production. It provides workshop training for students performing in their fourth classical theatre production. Students audition or interview with the director for participation in a classical drama or comedy. Field trips may be required.

**TAP 330 Classical Technical Production I
1-3 Units**

Course Family: Classical Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the first level of four courses which provide a workshop training experience for students working in their first position on the production crew of a classical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

**TAP 331 Classical Technical Production II
1-3 Units**

Course Family: Classical Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the second level of four courses which provide a workshop training experience for students working in their second position on the production crew of a classical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

**TAP 332 Classical Technical Production III
1-3 Units**

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the third level of four courses which provide a workshop training experience for students working in their third position on the production crew of a classical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 333 Classical Technical Production IV**1 -3 Units**

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the third fourth of four courses which provide a workshop training experience for students working in their fourth position on the production crew of a classical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 340 Musical Rehearsal and Performance I**1-3 Units**

Course Family: Musical Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the first level of four courses in the rehearsal and performance of a musical theatre production. It provides workshop training for students performing in their first musical theatre production. Students audition with the director for acting, singing or dancing roles in a comedy or drama.

TAP 341 Musical Rehearsal and Performance II**1-3 Units**

Course Family: Musical Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the second level of four courses in the rehearsal and performance of a musical theatre production. It provides workshop training for students performing in their second musical theatre production. Students audition with the director for acting, singing or dancing roles in a comedy or drama.

TAP 342 Musical Rehearsal and Performance III**1-3 Units**

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the third level of four courses in the rehearsal and performance of a musical theatre production. It provides workshop training for students performing in their third musical theatre production. Students audition with the director for acting, singing or dancing roles in a comedy or drama.

TAP 343 Musical Rehearsal and Performance IV**1-3 Units**

Prerequisite: TAP 342 (Musical Rehearsal and Performance III) with a grade of "C" or better

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the fourth level of four courses in the rehearsal and performance of a musical theatre production. It provides workshop training for students performing in their fourth musical theatre production. Students audition with the director for acting, singing or dancing roles in a comedy or drama.

TAP 350 Musical Technical Production I**1-3 Units**

Course Family: Musical Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the first level of four courses which provide a workshop training experience for students working in their first position on the production crew of a musical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 351 Musical Technical Production II**1-3 Units**

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the second of four courses which provide a workshop training experience for students working in their second position on the production crew of a musical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 352 Musical Technical Production III**1-3 Units**

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the third of four courses which provide a workshop training experience for students working in their third position on the production crew of a musical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 353 Musical Technical Production IV**1-3 Units**

Course Family: Musical Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the fourth of four courses which provide a workshop training experience for students working in their fourth position on the production crew of a musical theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 360 Children's Theatre Performance I**1-3 Units**

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the first level of four courses in the rehearsal and performance of a children's theatre production. It provides workshop training for students performing in their first children's theatre production. Students audition or interview with the director for participation in a children's theatre production. Field trips may be required.

TAP 361 Children's Theatre Production II**1-3 Units**

Course Family: Children's Theatre Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the second level of four courses in the rehearsal and performance of a children's theatre production. It provides workshop training for students performing in their second children's theatre production. Students audition or interview with the director for participation in a children's theatre production. Field trips may be required.

TAP 362 Children's Theatre Production III**1-3 Units**

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the third level of four courses in the rehearsal and performance of a children's theatre production. It provides workshop training for students performing in their third children's theatre production. Students audition or interview with the director for participation in a children's theatre production. Field trips may be required.

TAP 363 Children's Theatre Production IV**1-3 Units**

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the fourth level of four courses in the rehearsal and performance of a children's theatre production. It provides workshop training for students performing in their fourth children's theatre production. Students audition or interview with the director for participation in a children's theatre production. Field trips may be required.

TAP 370 Children's Theatre Technical Production**I 1-3 Units**

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the first of four courses that provide a workshop training experience for students working in their first position on the production crew of a children's theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 371 Children's Theatre Technical Production**II 1-3 Units**

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course.

Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the second of four courses that provide a workshop training experience for students working in their second position on the production crew of a children's theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 372 Children's Theatre Technical Production**III 1-3 Units**

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course.

Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the third of four courses that provide a workshop training experience for students working in their third position on the production crew of a Children's theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 373 Children's Theatre Technical Production IV 1-3 Units

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the fourth of four courses that provide a workshop training experience for students working in their fourth position on the production crew of a children's theatre production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 380 Repertory/Touring Rehearsal and Performance I 1-3 Units

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the first level of four courses in the rehearsal and performance of repertory and/or touring theatre. It provides workshop training for students performing in their first repertory and/or touring theatre production. Students audition or interview with the director for participation in a modern drama or comedy. Field trips may be required.

TAP 381 Repertory/Touring Rehearsal and Performance II 1-3 Units

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the second level of four courses in the rehearsal and performance of repertory and/or touring theatre. It provides workshop training for students performing in their second repertory and/or touring theatre production. Students audition or interview with the director for participation in a modern drama or comedy. Field trips may be required.

TAP 382 Repertory/Touring Rehearsal and Performance III 1-3 Units

Course Family: Repertory/Touring Performance and Technical Production

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 162 hours LAB

This course is the third level of four courses in the rehearsal and performance of repertory and/or touring theatre. It provides workshop training for students performing in their third repertory and/or touring theatre production. Students audition or interview with the director for participation in a repertory and/or touring drama or comedy. Field trips may be required.

TAP 383 Repertory/Touring Rehearsal and Performance IV 1-3 Units

Prerequisite: None.

Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the fourth level of four courses in the rehearsal and performance of repertory and/or touring theatre. It provides workshop training for students performing in their fourth repertory and/or touring theatre production. Students audition or interview with the director for participation in a repertory and/or touring drama or comedy. Field trips may be required.

TAP 390 Repertory and Touring Technical Production I 1-3 Units

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the first of four courses that provide a workshop training experience for students working in their first position on the production crew of a repertory and touring production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 391 Repertory and Touring Technical Production II 1-3 Units

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the second of four courses that provide a workshop training experience for students working in their second position on the production crew of a repertory and touring production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 392 Repertory and Touring Technical Production III 1-3 Units

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

This course is the third of four courses that provide a workshop training experience for students working in their third position on the production crew of a Repertory and Touring production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 393 Repertory and Touring Technical Production IV 1-3 Units

Prerequisite: None.

Enrollment Limitation: Students must interview with the technical director to participate in this course. Interviews should be scheduled during the first two weeks of the semester.

Course Transferable to UC/CSU

Hours: 54 - 162 hours laboratory

Description: This course is the fourth of four courses that provide a workshop training experience for students working in their fourth position on the production crew of a repertory and touring production. Students interested in technical work interview for positions in stage management, crewing, set construction, costumes and makeup, lighting and sound, box office and publicity. Students will gain practical experience in applying production responsibilities in any of the following: stage management, house management, construction, scenery, scenic painting, properties, costume, lighting, sound, video/projections, and running crews.

TAP 499 Experimental Offering in Theatre Arts Performance .5-4 Units

Prerequisite: None

Course Transferable to CSU

Hours: 18 hours LEC ; 54 hours LAB

Viticulture

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Viticulture (VITI)

VITI 300 Viticulture and Enology 3 Units

Prerequisite: None.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

The course is an introduction to viticulture and enology practices and will explore the history, principles, and practices of wine grape production and an introduction to enology. Additional topics will cover the history of wine grapes, the current status of wine grape industry, and the classification of wine grapes. The basic principles of vineyard establishment and management will be covered as well as the basic principles of enology. Field trips may be required.

VITI 301 Viticulture Practices Spring and Summer 3 Units

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

Course Transferable to CSU

Hours: 36 hours LEC ; 54 hours LAB

This course will cover viticulture practices for the spring and summer growing seasons. The course will explore planning and planting a vineyard, vegetative propagation, trellising, pruning, pest control, soils, irrigation practices, quality control measures, and basic vineyard equipment. The basic principles of vineyard maintenance and management will be covered, as well anatomy and physiology of vine growth and grape production during these seasons. This course is a continuation of VITI 300, Viticulture and Enology. Field trips may be required.

VITI 304 Wine Component Tasting and Appreciation 1.5 Units

Prerequisite: None.

Enrollment Limitation: Students must be 21 years of age or older.

Course Transferable to CSU

Hours: 27 hours LEC

A sensory course designed for individuals to learn organoleptic tasting techniques of wine including varietal characteristics and wine styles, designed for wine industry personnel and wine enthusiasts. A materials fee of \$50.00 is required and payable upon registration.

VITI 305 Wines of the World 1.5 Units

Prerequisite: None.

Enrollment Limitation: Students must be 21 years of age or older.

Course Transferable to CSU

Hours: 27 hours LEC

An introductory examination of some of the most popular wine varietals of the world compared and contrasted to their California counterparts. Each week we will examine a different grape or related group of grapes and their expression in wine, e.g., California Cabernet Sauvignon, to a similar Chilean varietal, or French Bordeaux. A materials fee of \$75 is required and payable upon registration. A field trip may be required.

VITI 306 Wines of California 1.5 Units

Prerequisite: None.

Enrollment Limitation: Must be 21 years of age.

Course Transferable to CSU

Hours: 27 hours LEC

An introduction to some of the wine varietals grown and produced in California will be examined. Each week we will examine a different grape or related group of grapes and their expression in different regions or appellations of California. A materials fee of \$50.00 is required and payable upon registration. Field trips may be required.

VITI 307 Wines of the Sierra Foothills 1.5 Units

Prerequisite: None.

Enrollment Limitation: Students must be 21 years of age or older.

Course Transferable to CSU

Hours: 27 hours LEC

This course covers an introduction to some of the wine varietals grown and produced in California's Sierra Foothills appellation. Each week the class will examine the expression in wine of different varietals of grape, related group of grapes, or a particular vintners varietals of wines produced in the Sierra Foothills. A materials fee of \$50.00 is required and payable upon registration. Field trips may be required.

VITI 308 Fruit to Wine - Enology 3 Units

Prerequisite: None.

Enrollment Limitation: Must be 21 years of age.

Course Transferable to UC/CSU

Hours: 36 hours LEC ; 54 hours LAB

An introduction to the science of wine production from grapes and other fruits to the bottle. Topics covered include the history of wine production; grape varieties and wine types; influence of climate and soil; wine fermentation including assessment of wine qualities, handling, racking, aging, bottling, wine disorders and remedies; and legal compliance. The production of fruit wines may also be covered. Some labs involve local field trips. A lab fee may be assessed to cover the costs of grapes and bottling. Students will have the opportunity to take wine home with them made during the semester.

VITI 309 Wine Service, Hospitality and Food**Pairings 1.5 Units**

Prerequisite: None.

Enrollment Limitation: Students must be 21 years of age or older.

Course Transferable to CSU

Hours: 27 hours LEC

This course is designed for wine industry personnel and home wine aficionados to learn appropriate wine service and food pairings with wine. Wine service and hospitality are covered including serving, decanting, storing, handling and displaying wines in restaurants, tasting rooms, and at home, while food and wine pairings will be explored through sensory evaluations of wine and food that will complement each other. A materials fee of \$75.00 is required and payable upon registration. A field trip may be required.

VITI 499 Experimental Offering in Viticulture**.5-4 Units**

Prerequisite: None

Hours: 72 hours LEC ; 108 hours LAB

Wastewater Management

ACADEMIC COUNSELING

Folsom campus - 916-608-6510
 El Dorado Center - 530-642-5645
 Rancho Cordova Center - 916-255-0717

CERTIFICATE OF ACHIEVEMENT

Wastewater Management

The Certificate of Achievement in Wastewater Management is designed to prepare students for employment by private and municipal wastewater treatment facilities or industrial treatment plants. Careers in wastewater technology generally involve the administration, operation and maintenance of wastewater treatment facilities as well as distribution and collection systems. Significant opportunities also exist in recycled water handling and distribution, water conservation, and enhancing the energy efficiency of wastewater treatment facilities.

Career Options

Backflow Program Manager; Construction Inspector; Electronic Technician; Engineer Technician; Equipment Maintenance Operator; Field Operations Supervisor; Inspector; Instrumentation and Control Technician; Instrumentation and Control Supervisor; Laboratory Analyst; Machinist; Mechanical Systems Technician; Meter Maintenance Technician; Plant Operator; Plant Process Control Electrician; Plant Process Control Supervisor; Recycled Water Inspector; Survey Technician; Utility Worker; Wastewater Treatment Plant Operator; Wastewater Treatment Superintendent

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

Highlights

- Broad-based field providing a firm foundation of the regulatory regulations, general management and operational challenges associated with water, wastewater, and recycled water industries.
- Lecture and laboratory settings with field trips to a variety of treatment plants in the region.
- Work experience and internship opportunities with local water and wastewater agencies and related providers.

- Designed to meet the competency areas for students interested in entering into the field of Wastewater Management and to enhance the existing abilities of an individual already employed in the field.

CERTIFICATE OF ACHIEVEMENT Wastewater Management

REQUIRED PROGRAM.....	Units
ENVT 351 Math for Water and Wastewater Operators	3
ENVT 353 Science for Water and Wastewater Operators	4
ENVT 354 Wastewater Management: Basic Instrument. and Electrical Controls....	4
ENVT 355 Introduction to Water, Wastewater and Recycled Water Management.....	3
ENVT 356 Wastewater Operations and Maintenance I.....	3
ENVT 357 Wastewater Operations and Maintenance II	3
ENVT 361 Wastewater Collection Systems Operation and Maintenance	3
CISA 300 Beginning Word Processing (1) or CISA 308 Exploring Word Processing and Presentation Software (1)	1
CISA 310 Introduction to Electronic Spreadsheets	1
BUS 100 English for the Professional (3) or MGMT 308 Personnel and Human Resources Management (3) or MGMT 360 Management Communication (3).....	3
TOTAL UNITS REQUIRED.....	28

*For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041946C01>*

Program Student Learning Outcomes

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

- identify regulatory agencies, applicable regulations and permits to apply general concepts for the successful operation of water, wastewater and recycled water systems and facilities.

- evaluate the general management and operational challenges associated with water, wastewater, and recycled water industries.
- analyze and perform the role and responsibilities of a treatment plant operator.
- demonstrate an understanding of the prevention of pollution, types of waste, discharges and the types and effects of solids in wastewater by applying the responsibilities in industry lab settings required in the certificate program.
- examine the actual collection of wastewater, and operations and maintenance of wastewater treatment facilities processes through periodic visitations/field trips to industry facilities.
- research and report on the prevention of pollution, types of waste and the need for different types of disinfection.
- calculate basic wastewater math calculations and conversions, troubleshoot various electrical circuits, and apply a basic understanding of control circuits, circuit interpretation and the theories related to electrical phenomenon.
- research and report on the prevention of pollution, types of waste and the need for different types of disinfection.
- apply personal safety practices which demonstrate an understanding of personal safety practices in the water, wastewater and recycled water industries.
- seek employment in the water and wastewater industries in the region.

For course information on those required for this certificate, please see Environmental Technology (ENVT), Computer Information Science (CIS), Business (BUS), and Management (MGMT) pages in this catalog.

Water Management

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

CERTIFICATE OF ACHIEVEMENT

Water Management

The Certificate of Achievement in Water Management is designed to prepare students for employment by private and municipal water treatment facilities or industrial treatment plants. Careers in water technology generally involve the administration, operation and maintenance of drinking water and water treatment facilities as well as distribution and collection systems. Significant opportunities also exist in recycled water handling and distribution, water conservation, and enhancing the energy efficiency of water treatment facilities.

Career Options

Backflow Program Manager; Construction Inspector; Cross Connection Control Specialist; Electronic Technician; Engineer Technician; Equipment Maintenance Operator; Field Operations Supervisor; Inspector; Instrumentation and Control Technician; Instrumentation and Control Supervisor; Laboratory Analyst; Machinist; Mechanical Systems Technician; Meter Maintenance Technician; Plant Operator; Plant Process Control Electrician; Plant Process Control Supervisor; Recycled Water Inspector; Survey Technician; Utility Worker; Water Systems Technician

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

Highlights

- Broad-based field providing a firm foundation of the regulatory regulations, general management and operational challenges associated with water, wastewater, and recycled water industries.
- Lecture and laboratory settings with field trips to a variety of treatment plants in the region.
- Work experience and internship opportunities with local water and wastewater agencies and related providers.

- Designed to meet the competency areas for students interested in entering into the field of Water Management and to enhance the existing abilities of an individual already employed in the field.

CERTIFICATE OF ACHIEVEMENT

Water Management

REQUIRED PROGRAM.....	Units
ENVT 351 Math for Water and Wastewater Operators	3
ENVT 353 Science for Water and Wastewater Operators	4
ENVT 354 Wastewater Management: Basic Instrument. and Electrical Controls	4
ENVT 355 Introduction to Water, Wastewater and Recycled Water Management	3
ENVT 358 Water Treatment Operation and Maintenance I	3
ENVT 359 Water Treatment Operation and Maintenance II	3
ENVT 360 Water Distribution Operation and Maintenance	3
CISA 300 Beginning Word Processing (1) or CISA 308 Exploring Word Processing and Presentation Software (1)	1
CISA 310 Introduction to Electronic Spreadsheets	1
BUS 100 English for the Professional (3) or MGMT 308 Personnel and Human Resources Management (3) or MGMT 360 Management Communication (3)	3
TOTAL UNITS REQUIRED.....	28

*For Gainful Employment Info and Opportunities:
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041949C01>*

Program Student Learning Outcomes

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

- identify regulatory agencies, applicable regulations and permits to apply general concepts for the successful operation of water, wastewater and recycled water systems and facilities.
- evaluate the general management and operational

challenges associated with water, wastewater, and recycled water industries.

- analyze and perform the role and responsibilities of a treatment plant operator.
- demonstrate an understanding of the prevention of pollution, types of waste, discharges and the types and effects of solids in wastewater by applying the responsibilities in industry lab settings required in the certificate program.
- examine the actual collection of wastewater, and operations and maintenance of wastewater treatment facilities processes through periodic visitations/field trips to industry facilities.
- research and report on the prevention of pollution, types of waste and the need for different types of disinfection.
- calculate basic wastewater math calculations and conversions, troubleshoot various electrical circuits, and apply a basic understanding of control circuits, circuit interpretation and the theories related to electrical phenomenon.
- research and report on the prevention of pollution, types of waste and the need for different types of disinfection.
- apply personal safety practices which demonstrate an understanding of personal safety practices in the water, wastewater and recycled water industries.
- seek employment in the water and wastewater industries in the region.
- describe and use various methods of sampling and analysis for water treatment.

For course information on those required for this certificate, please see Environmental Technology (ENVT), Computer Information Science (CIS), Business (BUS), and Management (MGMT) pages in this catalog.

Work Experience (Co-op) Education

**ACADEMIC
COUNSELING**

Folsom campus - 916-608-6510
El Dorado Center - 530-642-5645
Rancho Cordova Center - 916-255-0717

Cooperative Work Experience Education (Co-op) is a unique, experiential, academic program that allows individuals to apply what they've learned in the classroom to a work environment. Upon completion of their Co-op experience, students may earn 1-4 units of transferable credit with a letter grade. Co-op serves: College interns, volunteers, and employees. It is also one of several Living Skills graduation requirements for an associate degree.

Co-op Internships and Opportunities

Internships and volunteer experiences provide an opportunity for students to obtain work experience in their major. This activity assists students to develop technical skills, explore 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 orientation session.
- 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 unpaid 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 BUS 498).*

- * Interested students may earn college credit in the following majors:

Accounting
Administration of Justice
Business
Communications Media
Computer Information Science
Dance
Early Childhood Education
Environmental Technology
Fire Technology
Gerontology
Human Services
Kinesiology
Management
Marketing
Music - Specializations in Music
Nutrition
Photography
Theatre Arts

General Work Experience (198):

General work experience education assists students in learning about the world of work and is open to all students *regardless* of major or job. Like vocational work

experience, it is designed for students wanting to apply skills learned in the classroom to their actual job.

College credit (1-3 units) will be earned for working in the students' current job per semester. No more than six units of 198 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 "orientation" session. 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) 608-6552.

Work Experience (WEXP)

WEXP 198 Work Experience - General 1-3 Units

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Be in a paid or non-paid internship, volunteer opportunity, or job related to career goals.

Hours: 60-225 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill an 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. This course may be taken again when there is new or expanded learning on the job for a maximum of 6 units.

WEXP 298 Work Experience in (Subject) 1-4 Units

Prerequisite: None.

General Education: AA/AS Area III(b)

Hours: 18 hours LEC ; 60-300 hours LAB

Provides students with the opportunities to develop or add marketable skills related to their vocational study programs.

WEXP 498 Work Experience in (Subject)**1-4 Units**

Prerequisite: None.

Advisory: ENGWR 101

General Education: AA/AS Area III(b)

Enrollment Limitation: Student must be in a paid or non-paid internship, volunteer opportunity, or job related to career interests.

Course Transferable to CSU

Hours: 60-300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill a 16 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken four times for credit, when there is new or expanded learning on the job, for a maximum of 16 units.

College Administration

Dr. Rachel Rosenthal

President

(916) 608-6572 – rosentr@flc.losrios.edu

Bryon Bell

Vice President, Student Services

(916) 608-6713 – bellb@flc.losrios.edu

Kathleen Kirklin

Vice President, Administration

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Dr. David Newnham

Vice President, Instruction

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Sally Howard

Director, College Advancement

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Executive Director, Harris Center

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Holliday Moore

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Gary Hartley

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Dr. Monica Pactol

Dean, Instruction

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Dale van Dam

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Center*

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*Dean, Planning & Research and Visual & Performing
Arts*

(916) 608-6752 – williad@flc.losrios.edu

Rob Mulligan

Bookstore Manager

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Faculty and Management - Degrees

NOTE: Year in parentheses refers to date of full-time hiring at Los Rios Community College District or Folsom Lake College.

ABRAHAM, Linda (2005)
Professor, Microbiology
BS, University of Natal, South Africa;
MSc, University of Witwatersrand,
South Africa; PhD, University of
British Columbia, Canada

ALBERT, Marcia (2009)
Learning Skills Coordinator
BS, CSU Northridge; MS, CSU Los
Angeles; PhD, Claremont Graduate
University

ALDRICH, Christina (2008)
Professor, Psychology
AA, Fresno City College; BA,
CSU Fresno; MA, PhD, Claremont
Graduate University

ALEXANDER, John E. (1997)
Instructional Programs Coordinator
BA, The Ohio State University; MA,
Sacramento State

ANAYAH, Bernadette M. (2002)
Professor, English as a Second
Language
BA, Trinity College, Dublin, Ireland;
MA, San Francisco State

ANGOVE, Philip (2009)
Professor, Music
BM, MM, Sacramento State

BELL, BRYON (2013)
Vice President, Student Services
BS, University of Oregon; MS,
University of La Verne

BJERKE, Ann Lynn (2006)
Professor, English as a Second
Language
BA, Sacramento State; MA, UC Davis;
MA, Sacramento State

BOYLAN, KC (1994)
Professor, Communication Studies
AA, American River College, BA,
Sacramento State; MA, CSU Chico

CARLSON, Diane (2009)
Professor, Sociology
BA, JD, University of Arizona; MA,
UC Davis

CHACON, Beatriz (2010)
Counselor, Articulation Officer,
Assistant Professor
AA, West Valley College; BS, MA,
San Jose State

CHIANG-YAMADA, Michelle (2002)
Professor, Mathematics
BA, UC Berkeley; MAT, UC Davis

CLARK, Christopher S. (2005)
Counselor, Transfer, Professor
AA, West Valley College; BA, MS,
San Francisco State

COLLIER, Julie (2012)
Work Experience Coordinator
BIS, Weber State University; MS,
Sacramento State

COOPER, David (1998)
Professor, Computer Information
Science
BS, Chapman College

CURRAN, Tim (2000)
Professor, Mathematics
BS, Northern Arizona University;
MA, CSU San Bernardino

DALY, Lisa C. (1998)
Professor, Early Childhood Education
BA, MA, San Francisco State

DANNER, Lisa (2005)
Professor, English
AA, Los Angeles Pierce College; BA,
CSU Northridge; MA, UC Davis

DELGADO, Lydia (2007)
Counselor, Professor
AA, Cerritos College; BS, CSU
Fullerton; MS, CSU Long Beach

DeVILLE, Rebecca (2008)
Professor, Humanities
BA, UC Berkeley; MA, San Francisco
State; MA, UC Davis

DiCICCO, Anthony (2006)
Professor/ Administration of Justice
Coordinator
AS, Santa Rosa Junior College; BA,
CSU Sonoma; MA, University of
Phoenix

DIXON, Melanie (2014)
Dean, Student Services
AS, Portland Community College; BS,
MS, Portland State University

DOWELL, Zachary (2001)
Instructional Design & Development
Coordinator, Professor
BA, MA, CSU Los Angeles

ECKMAN, Spencer (2008)
Professor, English as a Second
Language
BA, MA, CSU Stanislaus

EITEL, Joseph E. (1997)
Professor, Mathematics
MA, Fresno Pacific University

ELLERMAN, C. Howell (2003)
Professor, Business
A.B., Occidental College; JD, Loyola
Law School; IEM Certificate, Harvard
University

FANNON, Sean (2007)
Professor, Psychology
BA, The Catholic University of
America; MA, PhD, Duke University

FLETCHER, Francis (2001)
Professor, English
BA, MA, MA, Sacramento State

FLORES, Juan J. (2004)
Counselor, Professor, EOP&S/CARE
Coordinator
BA, MS, Sacramento State

FOSTER, Ted F. (1998)
Professor, Chemistry
BS, Carleton College; MS, PhD, UC
San Diego

FOWLER, Caleb (2013)
Assistant Professor, Computer
Information Science
BA, MBA, Cal Poly, Pomona

- FUSON, Joy A. (1999)
Professor, Mathematics
BS, UC Davis; MA, Sacramento State
- GARRETT, Mark (1991)
Counselor
BS, Southwestern Oklahoma State University; MS, MS, Sacramento State
- GIBSON, Bernard (2005)
Professor, Business, Marketing, Management, Diversity
BPA, University of Mississippi; MBA, University of San Francisco
- GOSAL, Bobby S. (2008)
Supervisor, EOP&S/CARE & CalWORKS
BA, UC Davis; MA, Sacramento State
- GREENE, Calvin D. (1992)
Professor, Mathematics
BS, Louisiana State University; MS, MA, UC Davis
- HALE, Daniel (2008)
Professor, Astronomy/Physics
BS, Sonoma State University; MS, Michigan State University
- HANSEN, Mary (2008)
College Nurse
BSN, Sacramento State; MSN, Dominican University of CA
- HARMAN, Joany (2000)
Business Services Supervisor
BS, Colorado State University
- HARRELL, Kimberly (2001)
Dean of Instruction, Workforce Development and Kinesiology, Health, & Athletics
BA, MA, UC Davis
- HARRIS, David (2007)
Professor, Theatre Arts
BFA, University of Illinois, Urbana-Champaign; MFA, UC San Diego
- HARTLEY, Gary (2004)
Dean of Instruction & Technology
BA, Trinity College; MA, Trinity Evangelical Divinity School; ABD, Northern Illinois University
- HAUG, Paula (2007)
Professor, Communication Studies
BA, MA, CSU Fresno
- HEGNER, Paula E. (1997)
Professor, Accounting
MS, Sacramento State
- HILL, David H., (1990)
Counselor, Professor
AA, Ricks College; BA, Humboldt State; MEd, EdD, Brigham Young University
- HODGE, Jessica (2007)
Professor, Nutrition
BA, Ohio Wesleyan University; MS, PhD, Tufts University
- HOLMSEN, Ellen C. (2000)
Counselor
AA, San Francisco City College; BA, University of San Francisco; MS, Sacramento State
- HOLZBERG, Steve (2006)
Professor, Biology
BS, UC Irvine; PhD, UC Berkeley
- HOWARD, Sally (2012)
Director, College Advancement
AA, American River College; BS, Cal Poly, Pomona; MBA, Sacramento State
- HWANG, Eunyoung (2000)
Professor, Art
BA, Wagner College; MFA, West Texas A&M; MA, University of North Texas
- JENSEN, Wayne (2001)
Professor, Mathematics
AS, American River College; BA, Sacramento State; MA, University of Colorado
- KIRKLIN, Kathleen (1987)
Vice President, Administration
BA, National University; MBA, Golden Gate University
- KRAEMER, Jennifer L. (2002)
Professor, Early Childhood Education
BA, CSU Stanislaus; MA, Sacramento State
- KROENCKE, Mikael (1999)
Professor, Mathematics, Physics
MA, San Francisco State; MS, BS, UC Davis
- LAGALA, David (2008)
Professor, Biology
AA, Ventura College; BA, UC Santa Barbara; DC, University of Western States
- LARRY KEARNEY, Debora (2001)
Professor, English
BA, Carroll College; MA, Sacramento State
- LELAND, Kathryn Ann (1988)
Professor, English/Reading/Writing
AA, Yuba Community College; BA, MA, Sacramento State
- LENNERT, Michelle (2002)
Professor, American Sign Language Studies
BA, Gallaudet University, Washington, D.C.; MS, Capella University, Minnesota
- LEWIS, Jeff (2006)
College IT Systems Supervisor
AA, Cosumnes River College; BA, Sacramento State
- LOPEZ, Carlos (2002)
Professor, Spanish
BA, MA, UC Davis
- MACIAS-PEREZ, Elvia (1989)
Professor, Spanish
BA, MA, Sacramento State; PhD, University of Guadalajara, Mexico
- MADDEN, Michelle (2002)
Counselor, Professor
BA, MS, Sacramento State
- McFAUL, Steve (2007)
Professor, Mathematics
BA, UC Davis; MS, CSU Hayward
- McHARGUE, Tim (2004)
DSPS Coordinator/Counselor, Professor
BA, MS, Sacramento State; EdD, University of the Pacific
- MENDELL, Rebecca (2007)
Librarian
BA, UC Davis; MLIS, San Jose State
- METCALF, Larry (2005)
Professor, Music
BME, Wichita State University; MM, Northern Illinois University

- MOORE, Holliday (2014)
Communications & Public
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BA, Arizona State University
- MORAGA, Juan Carlos (1999)
Professor, Spanish
BA, MA, University of Northern Iowa
- MORENO, Deborah D. (1993)
Professor, History
BA, MA, Sacramento State
- NEWNHAM, David A. (2002)
Vice President, Instruction
BM, MM, University of the Pacific;
PhD, Florida State University
- OBERTH, Christa (1998)
Professor, Chemistry
BS, PhD, UC Davis; MS, Sacramento
State
- OLSEN, Marc (2007)
Professor, Mathematics
BS, CSU Chico; MAT, UC Davis
- OLTS, H. Wayne (1999)
Professor, Anthropology
BA, MA, UC Santa Barbara
- PACTOL, Monica (2004)
Dean of Instruction
BA, MA, New Mexico State
University; PhD, Colorado State
University
- PADASH, Ali (2012)
Financial Aid Supervisor
AS, American River College; BS, UC
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- PEDRO, Jason (2013)
Assistant Professor, Medical
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- PERALTA, Marsha (2005)
Professor, Early Child Education
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- PIEDRA-WALSH, Lucia (2009)
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- PIER, Dave (2010)
Executive Director, Harris Center
BA, Carleton College; BS, Columbia
University; MS, Stanford University;
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- PIETROMONACO, Dean (2000)
Professor, Mathematics
MA, UC Davis
- PIPKIN, Kevin (2005)
Professor, Mathematics
BS, MS, CSU Hayward
- PITTMAN, Jason (2006)
Professor, Geography/Geology
BA, UC Davis; MS, Oregon State
University
- PRELIP, Angela (2013)
Assistant Professor, Communication
Studies
AA, Merced College; BA, CSU
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- PRICE, Yvonne (2008)
Professor, English
BA, Certificate in Teaching Post-
Secondary Reading, San Francisco
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- RAUSCHKOLB, Tracy (2008)
Professor, English
AA, American River College; BS,
MA, Certificate in Teaching College
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- REESE, David (2004)
Professor, Political Science
BA, UC Santa Barbara; MA, San
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- RICHARDSON, Ron (2009)
Athletic Coordinator, Professor,
Kinesiology
BA, Western State College; MA, St.
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- RITZI-MAROUF, Viviane (1999)
Professor, French/Spanish
BA, Brigham Young University; MA,
MA, UC Davis
- ROBINSON, Brian (2000)
Professor, English
BA, MA, Sacramento State
- ROGERS, Sherry M. (1996)
Professor, Biology
BS, MA, UC Riverside
- ROSENTHAL, Rachel (2012)
President
BS, Oklahoma State University; MA,
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- ROSS, Daniel G. (1999)
Professor, Computer Science,
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BSME, CSU Fresno; MSBME, MSCS,
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- ROUNDTREE, Lorilie (2000)
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AA, American River College; BA,
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- ROYER, Tina (2007)
Professor, English
BA, MA, Sacramento State
- SAMPLES, Marjorie (2005)
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- SAPRA, Lisa (2008)
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AA, Orange Coast College; BA, MA,
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- SAYAGO, Marisa (1999)
Professor, Art
BFA, W. Texas A&M University;
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Professor, Art
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- SIWABESSY, Genevieve (2012)
Student Life Supervisor
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- SMITH, Carolyn (2000)
Professor, Business Management
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- SNELL, Kenneth L. (1987)
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- SWITHENBANK, Elizabeth (2007)
Professor, Business Technology
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- TELLES, James (2003)
Librarian, Professor
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- TORREZ, Matt (2001)
Professor, Physical Education
BS, MA, CSU Fresno
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- TRYHANE, Gerry (2008)
Professor, Accounting, Business
BS, Long Island University; MBA,
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- VAN DAM, Dale (1997)
Dean of Instruction, El Dorado Center
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- WORTH, Debi (2007)
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BA, UC Irvine; MA, University of
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- WRIGHT, Matt (2008)
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- WURZER, Christine (1985)
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Custodial Services
Folsom campus

WURZER, Christine
Admissions & Records
Folsom campus

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Police Services
Folsom campus

ZSCHOKKE, John
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Rancho Cordova Center

ZWERENZ, Kim
Instructional Support Services
El Dorado Center

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Gary Hartley, Dean

(916) 608-6700 – hartleg@flc.losrios.edu

Accounting

Business

Computer Information Science

Economics

Innovation Center

Library

Management

Marketing

Real Estate

Languages & Literature

Monica Pactol, Dean

(916) 608-6621 – pactolm@flc.losrios.edu

English

English as a Second Language

French

Learning Skills

Sign Language

Spanish

Math, Science, & Engineering

Gary Hartley, Dean

(916) 608-6700 – hartleg@flc.losrios.edu

Allied Health

Astronomy

Biology

Chemistry

Engineering

Environmental Technology

Geography

Geology

Horticulture

Mathematics

Natural Resources

Physical Science

Physics

Statistics

Viticulture

Counseling & Student Life

Melanie Dixon, Dean

(916) 608-6769 – dixonm@flc.losrios.edu

Articulation

Counseling

DSPS

EOP&S

Health & Wellness Services

Human/Career Development

Transfer

Kinesiology, Health, Athletics, & Career Technical Education

Kim Harrell, Dean

(916) 608-6687 – harrelk@flc.losrios.edu

* *Dale van Dam, Dean*

(530) 642-5615 – vandamd@flc.losrios.edu

Administration of Justice

Athletics

Business Technology

Emergency Medical Technology *

Fire Technology *

Health Education

Medical Laboratory Technology *

Non-Profit Organization Management

Physical Education

Project Management

Public Management

Wastewater Management *

Water Management *

Work Experience

Social & Behavioral Sciences, & Humanities

Monica Pactol, Dean

(916) 608-6621 – pactolm@flc.losrios.edu

Anthropology

Early Childhood Education

Family and Consumer Science

Gerontology

History

Humanities

Human Services

Interdisciplinary Studies

Nutrition

Philosophy

Political Science

Psychology

Sociology

Visual & Performing Arts

David Williams, Dean

(916) 608-6752 – williad@flc.losrios.edu

Architecture

Art

Art History

Communication Studies

Communications Media

Dance

Film Studies

Journalism

Music

Photography

Theatre Arts

Phone Directory - Support Services

Please Note:

FLC - Main Folsom campus

EDC - El Dorado Center

RCC - Rancho Cordova Center

Admissions & Records

FLC (916) 608-6500

EDC (530) 642-5644

RCC (916) 255-0717

Assessment

FLC (916) 608-6573

EDC (530) 642-5649

Associated Students

(916) 608-6591

Bookstore

(916) 608-6565

Business Services

(916) 608-6549

Cafeteria/Catering Services

(916) 608-6737

CalWORKs

FLC/EDC (916) 608-6638

RCC (916) 255-4450

Campus Operations

FLC (916) 608-6995

EDC (530) 344-5716

Career & Transfer Services Center

(916) 608-6526

College Police

(916) 558-2221

Computer Lab

FLC (916) 608-6702

EDC (530) 642-5689

RCC (916) 255-4555

Counseling

FLC (916) 608-6510

EDC (530) 642-5645

RCC (916) 255-3432

DSP&S

FLC (916) 608-6611

EDC (530) 642-5630

English Center

EDC (530) 642-5686

EOP&S

FLC (916) 608-6560

EDC (530) 642-5648

RCC (916) 255-4810

Financial Aid

FLC (916) 608-6646

EDC (530) 642-5651

RCC (916) 255-5211

Foundation Office

(916) 608-6705

Harris Center Ticket Office

(916) 608-6888

Health & Wellness Services

(916) 608-6782

Instruction Office

(916) 608-6899

Library

FLC (916) 608-6613

EDC (530) 642-5695

Orientation

FLC (916) 608-6510

EDC (530) 642-5645

Outreach/Recruitment

FLC (916) 608-6589

EDC (530) 642-5623

Public Information Services Office

(916) 608-6993

Rancho Cordova Center

(916) 255-0717

Reading & Writing Center

FLC (916) 608-6517

Student Life

(916) 608-6603

Tutoring

FLC (916) 608-6814

EDC (530) 642-5636

Veterans Resource Center

(916) 608-6898

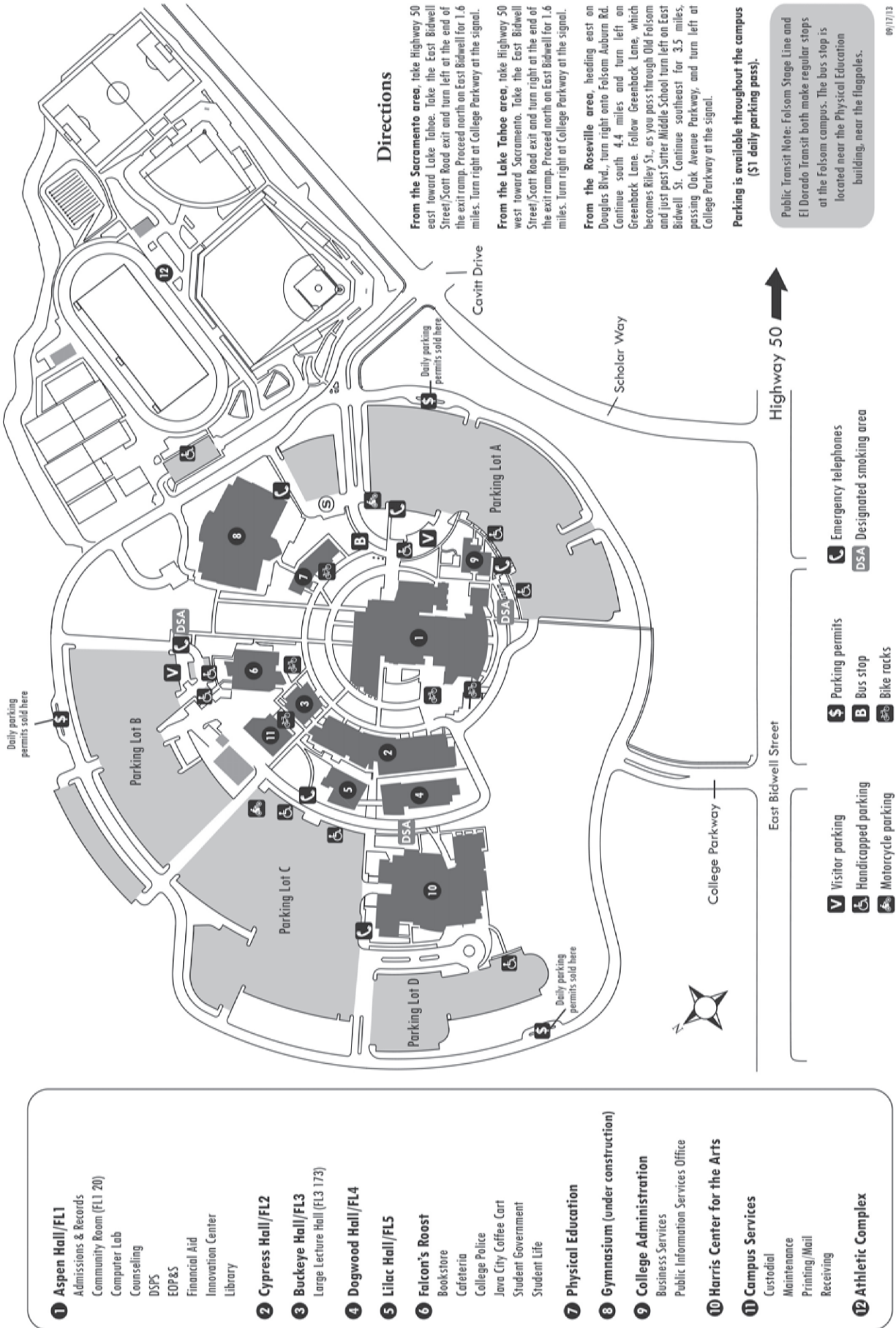
Main Folsom Campus

Main Campus | 10 College Parkway, Folsom CA 95630


916-608-6500 | www.flc.losrios.edu

Los Rios Community College District

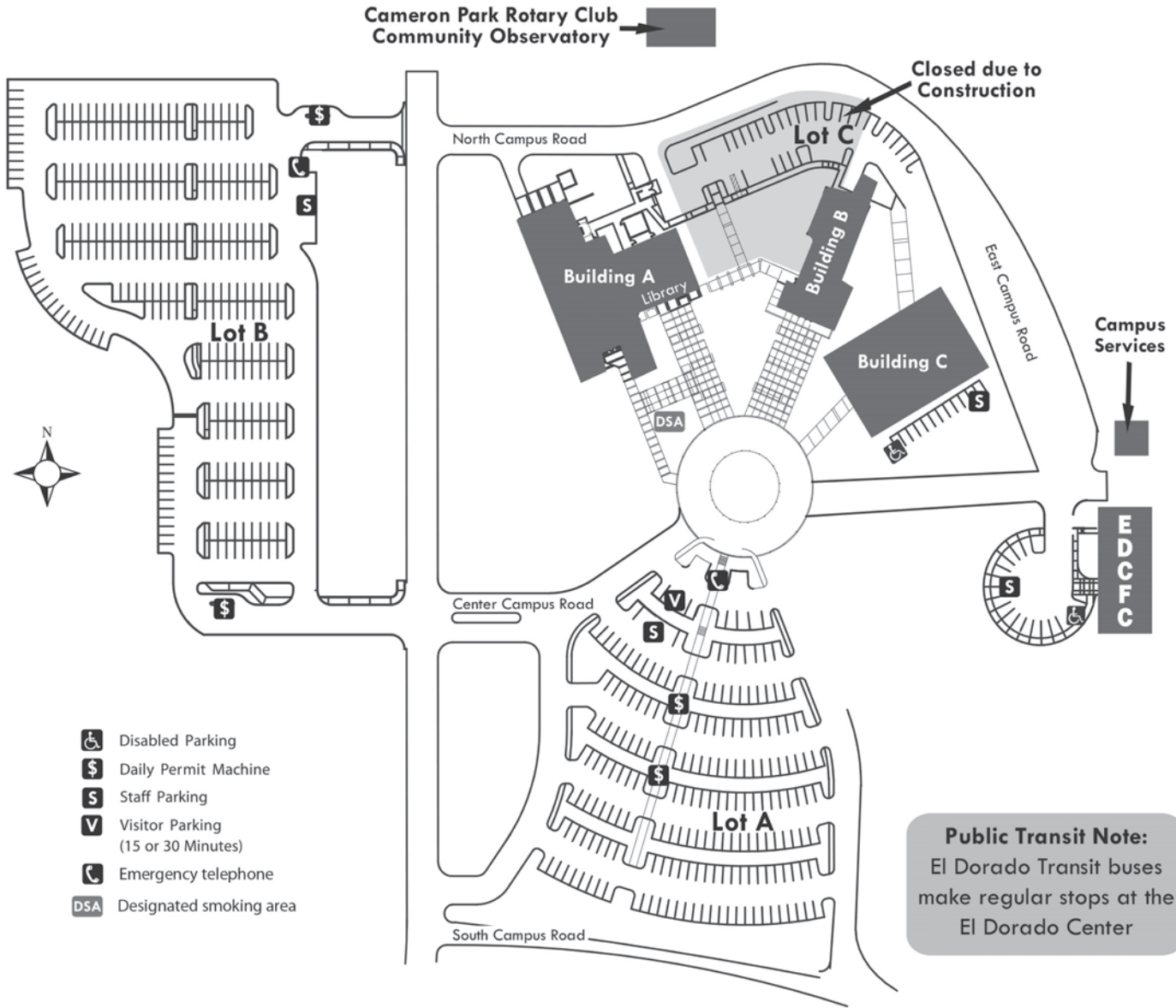
FOLSOM LAKE COLLEGE
EL DORADO CENTER | RANCHO CORDOVA CENTER



The El Dorado Center


FOLSOM LAKE COLLEGE
 EL DORADO CENTER

6699 Campus Drive, Placerville, CA 95667
530-642-5644
 Los Rios Community College District



El Dorado Center Legend	
<p>Building A Second Floor College Police (A-220)</p> <p>Building B First Floor Admissions Check in for: Counseling, DSPS, CalWORKs, EOP&S, and Financial Aid Student Lounge</p> <p>Second Floor College Administration Faculty Offices Student Services Offices</p>	<p>Building C First Floor Bookstore (C-102) Student Government (C-104)</p> <p>Second Floor Assessment (C-217)</p> <p>EDCFC Fitness Center</p> <p>Campus Services Custodial Facilities Management/Grounds Maintenance Receiving</p>

Directions

From the Sacramento area, take Highway 50 east towards Placerville. Take the El Dorado Road exit and turn left at the first stop sign off the highway. Continue on this road for 1.3 miles. Turn left at the first traffic signal (this is Missouri Flat Road). Continue on Missouri Flat Road (which becomes Green Valley Road) for 1.5 miles. Turn right on Campus Drive, which is just past the El Dorado County Office of Education and Elementary School.

From the Lake Tahoe area, take Highway 50 west towards Sacramento. Take the El Dorado Road exit and turn right at the first stop sign off the highway. Continue on this road for 1.3 miles. Turn left at the first traffic signal (this is Missouri Flat Road). Continue on Missouri Flat Road (which becomes Green Valley Road) for 1.5 miles. Turn right on Campus Drive, which is just past the El Dorado County Office of Education and Elementary School.

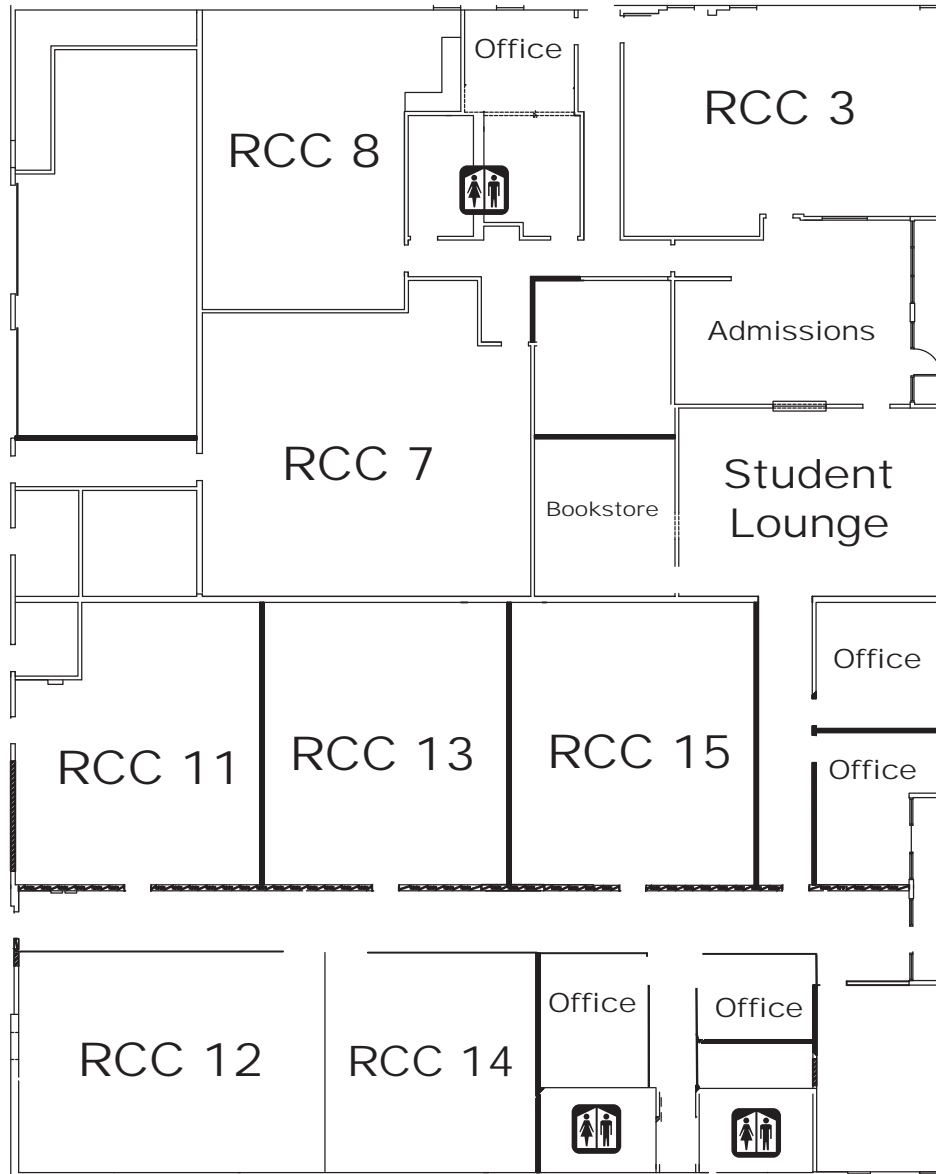
Parking is available throughout the campus (\$1 daily parking pass).

The Rancho Cordova Center

Rancho Cordova Center

10378 Rockingham Drive

916-255-0717



DIRECTIONS

From the Sacramento area, take Highway 50 east towards Folsom. Take the Mather Field Road exit. Turn right at the first traffic signal off the highway. Turn right at the first traffic signal (Rockingham Drive). Get in the left lane on Rockingham for 0.2 miles. Turn left into the shopping center on your left just before the first traffic signal. The Center entrance is in the last building on the left.

From the Lake Tahoe area, take Highway 50 west towards Sacramento. Take the Mather Field Road exit. Turn left at the first traffic signal off the highway. Go over the highway and get in the right lane. Turn right at the second traffic signal (Rockingham Drive). Continue on Rockingham for 0.2 miles. Turn into the shopping center on your left just before the first traffic signal. The Center entrance is in the last building on the left.

TRANSIT NOTE: Regional Transit serves the Rancho Cordova Center with bus routes 72 and 75; also, the Mather/Mills Light Rail Station is about 3/4 of a mile from the Center.

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