



FOLSOM LAKE COLLEGE  
EL DORADO CENTER | RANCHO CORDOVA CENTER



# 2018-2019 CATALOG

## Folsom Lake College

10 College Parkway | Folsom, CA 95630  
(916) 608-6500 | [www.flc.losrios.edu](http://www.flc.losrios.edu)

**LOS RIOS**  
COMMUNITY  
COLLEGE  
DISTRICT

**Los Rios Community College District**  
1919 Spanos Court | Sacramento, CA 95825  
(916) 568-3041 | [www.losrios.edu](http://www.losrios.edu)

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# INTRODUCTION



# 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.

## **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 2018, but changes happen on a regular basis. For updated information, be sure to visit the college website at: [www.flc.losrios.edu](http://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 late May and October. Please visit the website to see if an addendum has been published for this catalog. Addenda are also available in the FLC College Store and Admissions & Records offices.

## **Career Education Program Changes**

Please be aware the required courses for career education [formerly career and technical education (CTE)] 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.

## A Message from the President



Whitney Yamamura  
President,  
Folsom Lake College

Since 2004, Folsom Lake College has provided exceptional educational opportunities to the diverse communities of eastern Sacramento and western El Dorado counties. The college serves approximately 8,800 students each semester at three state-of-the-art campuses, the Main Folsom campus, the El Dorado Center in Placerville, and the Rancho Cordova Center, as well as online.

Here at Folsom Lake College, we are committed to enriching and empowering students by bridging knowledge, experience, and innovation. We offer quality instruction and support services for students to earn over 85 associate degrees and certificates, to improve foundational skills, to prepare to transfer to four-year institutions, and to achieve their career goals.

In addition, we encourage students to get involved beyond the classroom by taking part in a vibrant campus life which includes an active student government and a multitude of academic and social clubs, championship intercollegiate athletics, and unparalleled performance opportunities in the renowned regional visual and performing arts center, the Harris Center for the Arts.

Education should belong to everyone. To nourish this inclusion, we champion equity, diversity, social justice, and environmental sustainability as foundational to academic, campus, and community life. We seek to empower marginalized voices, nurture our many identities and social circumstances, foster cultural responsiveness, and stand against all manifestations of discrimination. We are committed to providing an environment where all people can participate, prosper, and reach their full potential.

On behalf of our faculty, staff, administrators, and students, I would like to warmly welcome you to Folsom Lake College.

Sincerely,

A handwritten signature in black ink, appearing to read 'Whitney Yamamura'. The signature is fluid and cursive, with a long horizontal line extending to the right.

Whitney Yamamura  
President

# About Folsom Lake College

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; six major educational and outreach centers; and specialized workforce and economic development programs, for regional businesses, governments, and organizations. Los Rios colleges offer associate 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 County, most of El Dorado County, and parts of Yolo, Placer, and Solano counties. About 75,000 students are enrolled in the four Los Rios Colleges.

## Accreditation

Folsom Lake College is a comprehensive, public community college in the State of California. Folsom Lake College is accredited by the Accrediting Commission for Community and Junior Colleges (ACCJC) of the Western Association of Schools and Colleges, an institutional accrediting body recognized by the Council of Higher Education Accreditation and the U.S. Department of Education. The El Dorado Center and Rancho Cordova Center are fully accredited under Folsom Lake College.

## Our Values

### Our Vision

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

### Our Mission

Folsom Lake College enriches and empowers all students to strengthen our community by bridging knowledge, experience, and innovation.

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

## Our Commitment to Equity

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

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

## Our Campuses

Folsom Lake College serves the community with classes offered at:

- The Main Folsom campus (just off Highway 50 on E. Bidwell St.)
- Two educational centers (the El Dorado Center in Placerville and the Rancho Cordova Center)
- Online

## Main Folsom Campus

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





Aspen Hall/FL1 at the Main Folsom campus

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 240,000 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 visual and performing arts facility, the Harris Center for the Arts.

## El Dorado Center

Folsom Lake College's El Dorado Center was established in the mid-1960s as a state-funded educational center and was located in several portable buildings on El Dorado County land next to the county fairgrounds. Due to the continued enrollment growth at the center and the keen interest and desire of the citizens of the region 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 Board of Governors and the State of California for a permanent site in 1988.



Building A at the El Dorado Center

Construction of the first phase of permanent facilities was completed in Spring 1994 and opened for classes in August 1994. A physical education building was completed and opened for classes in January 1999. Due to a growing student body, an additional parking lot opened in Fall 2003, with a second instructional building completing the center's build-out in Spring 2006.

The El Dorado Center serves the educational needs of those working and living on the western slope of the Sierra Nevada mountains in El Dorado and adjoining counties. More than 2,300 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 career education programs as well as student support services. The center is well positioned to meet the educational needs of the area's changing population.

## Rancho Cordova Center

The Rancho Cordova Center has operated for more than forty years out of several locations in the area. In October 2015, its first permanent location at the corner of Mather Field Rd./Paseo Dr. and Folsom Blvd. opened. The facility includes more than 24,000 square feet of instructional space, eight classrooms, and a learning resource center with an open-access computer lab. The site is strategically located across from the Mather Field/Mills light rail station to provide easy access to public transportation.



Rancho Cordova Center and courtyard

The center serves as an educational hub for this close knit and diverse community. More than 2,800 students attend the Rancho Cordova Center. Students can pursue their general education requirements or learn English as a second language. This central location will also respond to local and state business needs with programs focused on skills needed to work in the public sector.

## Education and Training Opportunities

Folsom Lake College serves the community with academic programs that support:

### Associate Degrees and Certificates

Folsom Lake College offers the education and training needed to qualify students for a well-paying job with opportunities for advancement. Students planning to graduate with an associate of 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 education programs are offered in many areas that employers need. Career 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 faculty are 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 also course restrictions for high school students. Information on the Advanced Education process and the application form are available at the student's high school, on the college's website, or in the Admissions & Records office.

### Basic Skills Education

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

### 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.

# Facts at a Glance

## HEAD COUNT

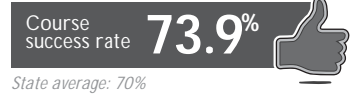
### Students by Location

Main Folsom Campus	6,177
El Dorado Center	2,305
Rancho Cordova Center	2,820
<b>TOTAL HEAD COUNT</b>	<b>8,822</b>

## FACULTY & STAFF

<b>132</b>	Full-time faculty
<b>192</b>	Part-time faculty
<b>19</b>	Administrators
<b>121</b>	Classified staff

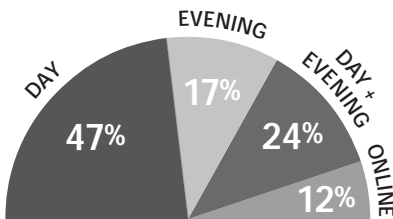
## ACCOUNTABILITY



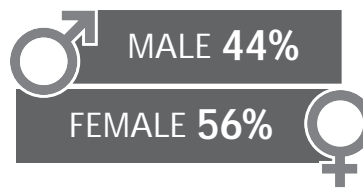
## FAMILY HISTORY



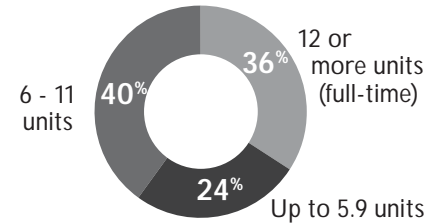
## DAY/EVENING ENROLLMENT



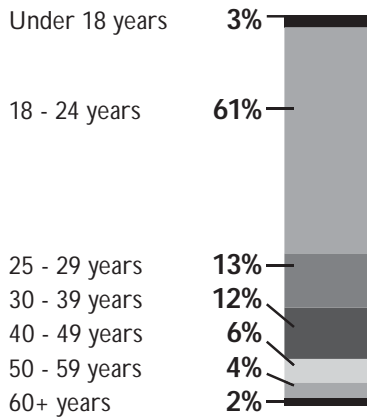
## GENDER



## ACADEMIC LOAD (per semester)

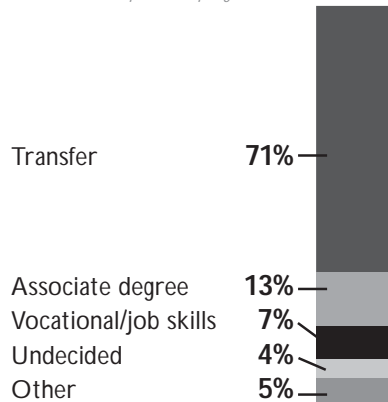


## AGE

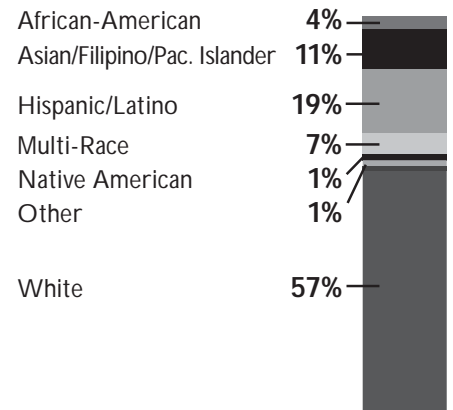


## STUDENT GOALS

*Some students report multiple goals.*



## RACE/ETHNICITY



## TOP FEEDER HIGH SCHOOLS

### El Dorado Union High School District

- El Dorado
- Oak Ridge
- Ponderosa
- Union Mine

### Folsom Cordova Unified School District

- Cordova
- Folsom
- Vista Del Lago

## PRIMARY TRANSFER SCHOOLS



## SUCCESS SNAPSHOT

<b>111</b>	Transfers to UC
<b>380</b>	Transfers to CSU
<b>862</b>	Degrees awarded
<b>306</b>	Certificates awarded

*data current as of 11/16/17*





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# GETTING STARTED



# Admission to Folsom Lake College

## Admissions Eligibility

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

## Admission 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](http://www.flc.losrios.edu)
- Submitting a completed application to the Admissions & Records office
- 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 where you do not attend for a year or more. When applying to one college in the Los Rios Community College District, you are able to enroll in all four colleges (Folsom Lake College, American River College, Cosumnes River College, and Sacramento City College).

## Admission with Transfer Credit

Students who desire academic credit for courses taken at other regionally accredited colleges and 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 their work be sent directly to: Folsom Lake College, Attn. Evaluations, 10 College Parkway, Folsom, CA 95630. Once these records are received, the records shall be available to all other colleges within the Los Rios 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 or 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 Fs) 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 Service. Folsom Lake College 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 or university in the US 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 Folsom Lake College and cannot be distributed to a third party, including the student, without a court order, in accordance with Los Rios Policy P-2215. Students desiring such transcripts must request them directly from the issuing institution.

## Admission for Veterans and/or Dependents Using Veterans Educational Benefits

Veterans services are available to assist veterans, spouses, and children of disabled or deceased veterans who may be eligible for federal and/or state educational benefits. New students should contact this office at least two months prior to the start of the college semester to initiate the required paperwork.

In most cases, all tuition and enrollment fees, miscellaneous fees, and textbooks and class supplies, are paid for by the student and not Veterans Affairs (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 Veterans Services prior to enrolling in courses. The benefit process may take several months to complete for new benefit recipients. For continuing students, the benefit process can take four to six weeks. 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](http://www.gibill.va.gov). Disabled veterans who qualify for additional benefits should contact their VA Vocational Rehabilitation Counselor prior to enrolling.

Also see the Veterans Success Center information in this catalog.

## International Student Admission

Folsom Lake College welcomes 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. Folsom Lake College 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 the International Student Advisor at (916) 361-6337 or go to the website.

## Advanced Education 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 their sophomore year of high school prior to the first day of the college semester. Advanced education students may not take remedial classes, those 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. Advanced education students should then bring to the Folsom Lake College Counseling office a completed 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 Folsom Lake College assessment exam results, if appropriate.

After the advanced education application has been approved by the Folsom Lake College counselor, the student may register for classes. Students must enroll in person at Admissions & Records. 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 Counseling office at (916) 608-6510. It is the responsibility of the advanced education student to become familiar with, and aware of, all the requirements, processes, and deadlines pertaining to advanced education.

## Residency Requirements for Admission

Folsom Lake College is a public college under California law. The application for admission includes questions which pertain to residency and responses to those questions determine a student's residency. The law provides that a person can have only one residence. Under California law, to be reclassified from a non-resident to a California resident, a student must clearly demonstrate:

- Physical presence in California (one year and a day prior to start of term)
- Intent to reside in California permanently, and
- Financial independence

Out-of-state students may apply for residency reclassification 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).

Please see the Admissions & Records office for the reclassification application and instructions, or access this information on the website.

The residency determination dates for 2018-2019 are as follows:

- Summer 2018 session - June 10, 2018
- Fall 2018 semester - August 24, 2018
- Spring 2019 semester - January 18, 2019

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.

## Readmission from Dismissed Status

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



# How to Enroll/Pre-Enrollment Process

## Steps to Success

The steps below, known as the “Steps to Success,” 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: [www.flc.losrios.edu](http://www.flc.losrios.edu). Please also refer to the instructions on the following pages.

**Please Note:** There is a specific timeline for students to complete the pre-enrollment process in order to qualify for a priority registration date. Steps 1-4 must be completed by April 1 (for summer/fall terms) or November 1 (for spring term), in order to receive an earlier priority registration date. However, students may complete these steps at any time to enroll in classes during open registration.

### Step 1 - Apply

Complete your application online. Fill out and submit your application starting February 1 (for summer/fall terms) or starting September 10 (for spring term). You will then receive a “welcome” email that includes your personalized student ID number, which you will need in order to access all of our services.

### Step 2 - Complete Orientation

Schedule an in-person orientation for an opportunity to meet new and current students, faculty, and staff; tour the campus; and to learn about Folsom Lake College’s student services and academic programs. A general Los Rios orientation is also offered in an online format if you are not able to attend an in-person session. You may complete the online orientation and quizzes the day after you receive your student ID number.

### Step 3 - Complete Assessment Testing

Assessment of your skills in mathematics and English will help you succeed in college by placing you in classes appropriate to your skill level. English as a second language (ESL) students are also required to take the ESL assessment.

### Step 4 - Create an Education Plan

Choose your first semester classes.

### Step 5 - Register for Classes

Register for your classes online through eServices.

## Exemption Criteria

The Los Rios Community College District elects to exempt certain students from participation in the pre-enrollment steps noted prior, as follows:

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

## Registration Tips

### Class Schedule

Before registration begins for a given semester or term, the class schedule is published online indicating courses to be offered – with term, day/time, instructor, room assignment, and other detailed information. A limited number of printed copies are available for review in Admissions & Records.

### Registration Policies – Open Enrollment

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. Please enroll at your earliest opportunity to get the classes you want and need.

**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. However, 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 schedule in any way after they have enrolled should follow the procedures listed online. 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/FL1 at the Main Folsom campus. 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. View the academic calendar online.

# Registration Steps for Students

If you are an eligible...	then...
<p><b>[Priority 0]</b>  <b>Foster Youth, Former Foster Youth, CalWORKs, DSPS, EOPS, Member or Former Member of the Armed Forces or Military Reserves</b> (this means that you have been verified by college personnel as eligible for this category)</p>	<p>For <b>Priority 0</b> registration, if you are a <b>Continuing</b> student:</p> <ol style="list-style-type: none"> <li>1. Complete the Supplemental Enrollment Form on eServices.</li> <li>2. Find your enrollment date and time on eServices.</li> <li>3. Enroll online via eServices and pay fees.</li> </ol> <p>For <b>Priority 0</b> registration, if you are a <b>New</b> student:</p> <ol style="list-style-type: none"> <li>1. Complete your application online.</li> <li>2. Attend a new student orientation.</li> <li>3. Take your assessment tests.</li> <li>4. Attend an academic planning session and create an education plan.</li> <li>5. Find your enrollment date and time on eServices.</li> <li>6. Enroll online via eServices and pay fees.</li> </ol>
<p><b>[Priority .5]</b>  <b>Graduating or Transfer Student</b> (this means that you were registered at one of the Los Rios Community College District colleges during the most recent regular academic semester AND you will be completing your degree, certificate, or transfer requirements by the end of the semester of registration)</p>	<p>For <b>Priority .5</b> registration, if you are a <b>Continuing</b> student:</p> <ol style="list-style-type: none"> <li>1. Complete the Supplemental Enrollment Form on eServices.</li> <li>2. Meet with a counselor to establish eligibility for Priority .5 registration and complete form.</li> <li>3. Find your enrollment date and time on eServices.</li> <li>4. Enroll online via eServices and pay fees.</li> </ol>
<p><b>[Priority .75]</b>  <b>Student Athlete</b> (this means that you have been verified for a competitive FLC sport team)</p>	<p>For <b>Priority .75</b> registration, if you are a <b>Continuing</b> student:</p> <ol style="list-style-type: none"> <li>1. Complete the Supplemental Enrollment Form on eServices.</li> <li>2. Check with the Athletics department to see if you need to meet with the team coach for eligibility information or to meet with an athletic counselor.</li> <li>3. Find your enrollment date and time on eServices.</li> <li>4. Enroll online via eServices and pay fees.</li> </ol> <p>For <b>Priority .75</b> registration, if you are a <b>New</b> student:</p> <ol style="list-style-type: none"> <li>1. Complete your application online.</li> <li>2. Check with the Athletics department to see if you need to meet with the team coach for eligibility information or to meet with an athletic counselor.</li> <li>3. Attend a new student orientation.</li> <li>4. Take your assessment tests.</li> <li>5. Attend an academic planning session and create an education plan.</li> <li>6. Find your enrollment date and time on eServices.</li> <li>7. Enroll online via eServices and pay fees.</li> </ol>

## Registration Steps for Students (continued)

If you are an eligible...	then...
<p><b>[Priority 1]</b>  <b>Continuing Student</b> (this means you were registered at one of the Los Rios Community College District colleges during the most recent regular academic semester)</p> <p><b>First-time Student</b> (never attended college before even though you may have taken college classes while in high school)</p>	<p>For <b>Priority 1</b> registration, if you are a <b>Continuing</b> student:</p> <ol style="list-style-type: none"> <li>1. Complete the Supplemental Enrollment Form on eServices.</li> <li>2. Find your enrollment date and time on eServices.</li> <li>3. Enroll online via eServices and pay fees.</li> </ol> <p>For <b>Priority 1</b> registration, if you are a <b>New</b> first-time student:</p> <ol style="list-style-type: none"> <li>1. Complete your application online.</li> <li>2. Attend a new student orientation.</li> <li>3. Take your assessment tests.</li> <li>4. Attend an academic planning session and create an education plan.</li> <li>5. Find your enrollment date and time on eServices.</li> <li>6. Enroll online via eServices and pay fees.</li> </ol>
<p><b>[Priority 2]</b>  <b>New to College</b> (this means that you never attended college before, even though you may have taken college classes while in high school)</p> <p><b>New Transfer Student</b> (never attended a Los Rios college before)</p> <p><b>Returning Student</b> (attended a Los Rios college before and returning after an absence)</p> <p><b>Returning Transfer Student</b> (attended a Los Rios college and also attended another college or university, including graduates)</p>	<p>For <b>Priority 2</b> registration, if you are a <b>New to College, New Transfer, Returning, or Returning Transfer Student:</b></p> <ol style="list-style-type: none"> <li>1. Complete your application online.</li> <li>2. Attend a new student orientation.</li> <li>3. Take your assessment tests.</li> <li>4. Attend an academic planning session and create an education plan.</li> <li>5. Find your enrollment date and time on eServices.</li> <li>6. Enroll online via eServices and pay fees.</li> </ol> <p>Note: 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><b>[Priority 3]</b>  <b>High School Student</b> (are taking college classes while in high school)</p>	<p>For <b>Priority 3</b> registration, <b>High School</b> students need to:</p> <ol style="list-style-type: none"> <li>1. Complete your application online.</li> <li>2. Complete the advanced education application with appropriate approvals/signatures.</li> <li>3. Meet with college counselor for approval.</li> <li>4. Find your enrollment date and time on eServices.</li> <li>5. Register in-person at college Admissions &amp; Records office where enrollment has been approved.</li> </ol>

## Registration Steps for Students (continued)

If you are an eligible...	then...
First-time Student who <b>already has a college degree</b> and only wants to take one or two courses.	<ol style="list-style-type: none"> <li>1. Complete your application online.</li> <li>2. Enroll online via eServices during open enrollment and pay fees.</li> </ol>
<b>International Student</b>	Six months prior to the term of attendance, complete your application online and contact the Admissions & Records office. For more details, see the International Student Admissions section in this catalog.

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

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

A student may appeal the loss of priority registration each semester 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 (March 2018), the following fees are in effect (all fee amounts are subject to change):

### General Enrollment/Tuition Fees

All students must pay a general enrollment fee of \$46 per unit. The California Community Colleges Board of Governors provides a waiver of fees, known as the California College Promise Grant (formerly Board of Governors or BOG Fee Waiver), 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. Enrollment fees are due when you add a class(es). Nonpayment of fees will result in the class(es) being dropped. If applying for the California College Promise Grant or arranging for 3<sup>rd</sup> party billing, it is important to take care of this before adding classes.

### Non-Resident Tuition

Students classified as non-residents are required to pay a nonresident tuition fee, plus the per unit general enrollment fee, for a total of \$317 per unit.

### International Tuition

International students who are both a citizen and resident of a foreign country will be assessed an international student tuition fee of \$317 per unit. There is a \$50 non-refundable foreign student application fee.

### Instructional Material Fees

Instructional material fees for designated courses may be assessed in accordance with Title 5, Section 59400 and Los Rios Policy P-2253.

### Student Representation Fee

There is a mandatory representation fee of \$1 per student per semester (excluding summer session).

- **Use of Student Representation Fee:** The money collected from the student representation 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 (UTP) fee that allows students to use public transit bus and light rail systems at a greatly reduced rate. Your student access card is your transit pass. For your student access card to be valid as a Regional Transit pass, it must have the current UTP semester sticker attached.

#### Here's how it works:

Fall/spring semester:

- **Eligibility:** The UTP pass fee will be assessed to all eligible students and is available for pickup for students that have a student access card, and who do not have any outstanding balance due on their account. An "eligible student" is one who is enrolled in more than three (3) units a semester at any one Los Rios college. Please note that the following students are not eligible for the UTP:
  - Students enrolled in the Sacramento Regional Public Safety Center
  - Students enrolled through the inmate education program
  - Students enrolled in apprenticeship programs
  - Students taking classes on the UC Davis main campus or
  - Students studying abroad
- **Cost:** The fee is \$2.25 per unit, rounded up to the next whole unit (\$9 minimum). The maximum fee charged is \$33.75 a semester for students enrolled in fifteen (15) or more units across the Los Rios colleges. Please Note: Students enrolled in three (3) or fewer units at any one college may purchase a Regional Transit monthly pass for half the regular rate at the Business Services office (the current basic monthly pass is \$100, so the Los Rios monthly student rate is \$50).
- **Valid:** Seven days a week, from August 1 through December 31 for the fall semester, and from January 1 through May 31 for the spring semester. Sticker is available for pickup the first business day in August for the fall semester, and the first business day in January for the spring semester.

- Refund: The fee is refundable if a student drops courses within the fee refund period. A minimum fee of \$9 will be withheld from the refund if a UTP sticker has already been issued to the student for the fall or spring semester. The Regional Transit monthly pass is not refundable.

Summer session:

- Required: All students enrolled in the summer session will be assessed the UTP fee.
- Cost: The fee is \$11, regardless of unit load.
- Valid: Seven days a week from June 1 through July 31. Sticker is available for pickup the first business day in June.
- Refund: The fee is refundable if a student drops all of their units within the refund period and a UTP sticker was not issued to the student.

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 (Los Rios Regulation R-2441). Violators will be cited for criminal misdemeanor and subject to academic discipline.

### 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 online via eServices or in person at Admissions & Records. A daily parking permit may be purchased from machines located in various parking lots.

The parking costs are:

Fall/spring semester:

- Auto - \$40
- Auto (carpool with 3 or more occupants) - \$35
- Auto (student with California College Promise Grant) - \$30
- Motorcycle - \$25
- Daily parking permit - \$2\*

Summer session:

- Auto - \$25
- Motorcycle - \$15
- Daily parking permit - \$2\*

\*The daily parking permit will be available for automobiles and is not recommended for motorcycles.

Vehicles not having a valid parking permit decal or daily parking permit properly displayed will be issued a parking citation (Los Rios Regulation R-2252). If a parking permit decal is lost or stolen, a new decal must be purchased at full price. If a vehicle is sold or damaged (for example, windshield replaced) during the effective term of the decal, a replacement decal can be issued for \$2 if the proof of sale or repair of vehicle and the old decal (with the decal number intact) are submitted to the Admissions & Records office.

For additional parking/traffic information, please see the College Safety and Security section of this catalog.

### 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 or in person at Admission & Records office by the deadline date listed on the academic calendar on the website. 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. The Online Fee Refund Application form is available on the Los Rios website at: [www.losrios.edu](http://www.losrios.edu). Refund Application forms are also available in the Admissions & Records office.

For all semester-length courses, enrollment, tuition, and international capital outlay fees are 100% refundable through the deadlines specified on the academic calendar. 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, and 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 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 the website. Students have the option of paying fees by:

- Credit card at the time of online registration via eServices
- Mail with check or credit card information or
- Payment in person at the Admissions & Records office

Students who may be eligible for financial aid and/or an enrollment fee waiver should contact the Financial Aid office 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 California Community Colleges Chancellor's Office and is issued to the parent or guardian of 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 (Title 5, California Code of Regulations, Sections 42380 and 42381). If a student believes they do not owe all or part of an unpaid obligation, the student should contact the Business Services office at (916) 608-6549.

**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 six (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 31 of each year. For eligible students who do not consent to online access, the IRS Form 1098-T will be mailed by January 31.



# 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 or session sticker that validates it. Your card must have a sticker for the current semester or session to be valid.

### Official College Photo ID Card

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

### Universal Transit Pass Card

Students approved a Universal Transit Pass fee that allows students to use public transit bus and light rail systems at a greatly reduced rate (for coverage area, go to: [www.sacrt.com](http://www.sacrt.com)). Your student access card is your transit pass. For your student access card to be valid as a Regional Transit pass, it must have the current UTP semester sticker attached. All Los Rios students must follow Regional Transit's "Abide to Ride" rules found on their website.

### College Library Card

Your student access card is also your college library card. It is valid at any of the Los Rios college libraries. The card must be presented at your library's circulation desk when borrowing books and other library materials.

Students who are currently enrolled can access library research databases, request library materials from other Los Rios libraries, place items on hold, and review their library record online.

### 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 vending/revalue GoPrint station and deposit the amount of value (minimum \$1) 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

Many stores and merchants offer discounts to students. Use your student access card to prove you qualify for the discount.

### Where to pick up your student access card:

FLC: Welcome & Student Success Center  
in Aspen Hall/FL1

EDC: Computer Lab (C-204)

RCC: Learning Resource Center (RCC1-203)

### 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 card.

Otherwise, the following charges will apply:

- Student access card only: \$5
- Lost/stolen UTP sticker: \$33.75 (fall and spring); \$11 (summer)
- Student access card AND lost/stolen UTP sticker: \$38.75 (fall and spring); \$16 (summer)

If a student loses the card and sticker, they can pay for both at the Business Services office located at the Main Folsom campus in the College Administration building and then present the receipt at the card station listed above to get both the card and sticker replaced. If the student needs only a replacement sticker, they can pay and receive the replacement UTP sticker at the Business Services office.

### 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.





FOLSOM LAKE COLLEGE  
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WHILE YOU ARE HERE



# Student Support Services

## Assessment Services

**FLC (916) 608-6573**

**EDC (530) 642-5649**

**RCC (916) 361-6321**

Folsom Lake College 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. Exams to meet reading competency requirements are also available during regularly scheduled assessment sessions. Exams to meet math competency requirements can be arranged by appointment. A monthly testing schedule is available online or in the Assessment Center. Students with special testing needs should call Assessment prior to the testing date to arrange for accommodations.

## CalWORKs

**FLC (916) 608-6560**

**EDC (530) 642-5648**

**RCC (916) 361-6305**

CalWORKs supports and guides students who are currently receiving cash aid for self and/or dependents from the county and meet college and county requirements.

Services offered to qualified students include:

- Advising, advocacy, and referral services
- Childcare referrals
- Counseling
- Priority 0 registration
- Educational plan development
- Job placement/development support
- On/off campus work study placements
- Textbooks, school supplies, and transportation assistance
- Textbook and enrollment verification

## CARE – Cooperative Agencies Resources for Education

**FLC (916) 608-6560**

**EDC (530) 642-5648**

**RCC (916) 361-6305**

CARE is a state-funded program providing academic support, campus and community referrals, transportation financial assistance, school supplies, CARE grants, priority 0 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 (EOPS) program
- Currently receiving cash aid for self and/or dependent(s)
- A single head of household and
- A California resident

## Career & Transfer Center

**(916) 608-6526**

The Career & Transfer Center is designed to assist students in these key areas:

### Career Development and Major Selection

Services designed to prepare students to make informed career and major selection decisions that are compatible with their interests, values, preferences, and life goals.

Services include:

- Major and career exploration and selection program (Career Encounter)
- Research guidance and support staff
- Career counseling
- Computer lab, hardcopy, and virtual resources
- Workshops, activities, and events

## Transfer Preparation and Planning

Services are geared toward assisting students in exploring post-secondary educational options while providing support and guidance on the steps necessary to transfer to a four-year college or university. Services include:

- Comprehensive transfer counseling
- Drop-in transfer counseling and application review
- University representative visits
- College fairs
- University campus events and tours
- University application and transfer workshops

## College Police

**(916) 558-2221**

The Los Rios Police Department (LRPD) is a P.O.S.T. certified agency and provides both law enforcement and campus security services. In addition to assisting and handling cases of emergencies, they handle all parking enforcement, lost and found, vehicle jump-starts and lockouts, and escorts. Los Rios Police offices are located on the Main Folsom campus in Falcon's Roost FR-140, at the El Dorado Center in B-128, and at the Rancho Cordova Center in RCC1-147. For more information, see the College Safety and Security section of this catalog.

## College Store (Bookstore)

**(916) 608-6565**

The College Store, located in the Falcon's Roost at the Main Folsom campus, carries a complete stock of new and used textbooks, rental textbooks, school supplies, and study aids needed for classes. Textbooks may also be ordered online for in-store pickup or shipping. The College Store also carries a wide variety of merchandise, including snacks, drinks, and Folsom Lake College souvenir clothing, gifts, and binders. Visit the FLC College Store website at: [bookstore.flc.losrios.edu](http://bookstore.flc.losrios.edu) to purchase course materials, for inquiries about payment options, and store hours. Please Note: Students should bring a copy of their class schedule when purchasing textbooks.

## Refund Policy

An original, dated sales receipt and a current Los Rios student ID or driver's license are required for all returns. Refund dates, requirements, and general refund information are listed on the refund slip attached to the receipt and available on the College Store website at: [bookstore.flc.losrios.edu](http://bookstore.flc.losrios.edu). Credit card purchases will only be credited back to the card the items were originally purchased on. Purchases by check may be subject to a ten-day waiting period for refund.

## Buyback Policy

Books may be purchased from students during most of the year at market value. During finals, textbooks ordered by faculty for the upcoming semester may be bought back 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. Photo ID is required for all buyback transactions.

## Computer Labs

**FLC (916) 608-6702**

**EDC (530) 642-5689**

**RCC (916) 361-6321**

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. Please call or check the website for current hours of operation at each location. Wireless access is also available to students when on campus.

## Counseling

**FLC (916) 608-6510**

**EDC (530) 642-5645**

**RCC (916) 361-6321**

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

## **DSPS - Disabled Student Programs and Services**

**FLC (916) 608-6611**

**EDC (530) 642-5630**

**RCC (916) 361-6312**

DSPS 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 result in a functional limitation that affects academics.

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.

### **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 formats, including electronic text, books on compact disc or MP3, or large print materials and braille. Students who require alternate formats of college publications and resources should check with DSPS. 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, please contact the DSPS office.

## **Employment Opportunities**

**(916) 608-6552**

Students may work on- or off-campus through a variety of programs. Please Note: On-campus employment is limited to a maximum of 26 hours per week. Students may also be employed as part of their financial aid package and should consult the Financial Aid office for more information. For other job opportunities, students should check the on-campus job boards or the online job board known as Los Rios Internships & Career Services (LINCS) at: [www.losrios.edu](http://www.losrios.edu). For information about earning college credit for employment, contact the Work Experience and Internship program at (916) 608-6552.

## **EOPS - Extended Opportunity Programs and Services**

**FLC (916) 608-6560**

**EDC (530) 642-5648**

**RCC (916) 361-6305**

EOPS provides support to educationally and economically disadvantaged students in pursuit of their academic and career goals. The following comprehensive support services are provided to eligible students:

- Application fee waivers (CSU, UC)
- Career/major exploration
- Counseling and advising
- Priority 0 registration
- Graduation cap and gown purchase assistance
- Phi Theta Kappa honor society membership paid
- Textbook buying assistance
- Transfer assistance
- Workshops

To be eligible, a student must:

- Be a California resident
- Be enrolled in twelve (12) units. Please Note: DSPS students may submit a unit certification letter to enroll in fewer than twelve (12) units.
- Qualify to receive the California College Promise Grant (formerly Board of Governors or BOG Fee Waiver)
- Not have completed more than 70 units of degree applicable units
- Submit a complete application to the EOPS program
- Meet educational criteria as established by EOPS
- Complete English and/or math assessments
- Complete the college orientation and
- Develop a student education plan with a counselor.

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

## Financial Aid

**FLC (916) 608-6646**

**EDC (530) 642-5651**

**RCC (916) 361-6307**

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 the college website or at the Financial Aid office. Financial assistance for students may include: grants, work-study, loans, and Folsom Lake College Foundation scholarships as well as privately supported scholarships for students in particular fields. In addition to the general financial aid programs, the California College Promise Grant (formerly Board of Governors or BOG Fee Waiver) is available, which pays the community college tuition fees for eligible students. If your income exceeds the income standards, you might still qualify by completing the 2018-2019 Free Application for Federal Student Aid (FAFSA) at: [www.fafsa.gov](http://www.fafsa.gov). The FAFSA allows for higher income standards than for the California College Promise Grant.

Financial Aid staff are available by appointment or on a drop-in basis to assist students and their parents. For additional information, please refer to the Financial Aid section of this catalog.

## FLC/RCC Reading & Writing Centers and EDC English Center

**FLC (916) 608-6517**

**EDC (530) 642-5686**

**RCC (916) 361-6339**

The Reading & Writing Centers 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 & Writing Center is located in Cypress Hall FL2-239 on the Main Folsom campus and in the Learning Resource Center (RCC1-203) at the Rancho Cordova Center. The English Center is located in room C-213 at the El Dorado Center. These ideal locations have spacious rooms with tables and chairs for individual work; breakout rooms for group work; and a computer lab for word processing, electronic library research, and online access.

## Health & Wellness Services

**(916) 608-6782**

Health & Wellness Services is located in Student Services on the Main Folsom campus in Aspen Hall FL1-52 and FL1-53. Services are provided by College Nurse Mary Hansen.

Health & 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, workshops, classroom visits or guest lecturing, and campus presentations
- First aid – although Los Rios 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 student's unique needs
- Wellness coaching, advising, and support for mind/body/spirit – assisting/listening to student's needs and problems, working with students on wellness goals or healing solutions, and providing referrals as needed for therapy or mental health counseling
- Guides students seeking health insurance to affordable (and sometimes free) options

- Tuberculin Skin Testing - \$5 fee for students (pay at Business Services office). Note: Results must be checked by the nurse 48-72 hours after the TB test has been placed. No testing is done on Thursdays.
- Wellness information and brochures, drug and alcohol abuse information and referrals, and smoking cessation 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 Health & Wellness Services as there is no medical doctor on staff. Referrals will be given as needed to support each student's health and wellness needs.

### Confidentiality

All Health & Wellness Services visits are kept strictly confidential according to State and Federal regulations.

### Learning Skills/Tutoring

(916) 608-6547

The Learning Skills department provides free tutoring and study skills education to students. Tutors and study skills mentors are friendly FLC students who earned high grades and have been recommended by professors. Their job is to help fellow students succeed. Services include:

- Tutoring in a variety of subjects, including biology, chemistry, ESL, math, physics, statistics, and more
- INDIS 314 and 315 Science Study Skills courses
- LTAT 310 Tutor Training course

For the current tutoring schedule, please go to the website. For more information on the INDIS 314 and 315 Science Study Skills courses, please visit the Science Center at the Main Folsom campus in Cypress Hall FL2-234.

Note: For English/reading and writing tutoring, please see the Reading & Writing Center or the English Center.

### PASS - Program for Academic Success and Support

(916) 608-6730

PASS is a comprehensive program that provides support for students who fall into probation or dismissal status. The goal of PASS is to help students develop success strategies, return to good standing, and continue to work towards their educational and career goals at Folsom Lake College.

PASS has several unique components that are aimed at increasing student equity, access, and success:

- **Early Alert:** designed to identify students in need of support and inform them of resources available to aid in their college success. Students are encouraged to meet with a PASS counselor.
- **Probation 1:** Mandatory workshop.
- **Probation 2:** Mandatory appointment with a dedicated PASS counselor for academic, career, and personal counseling, and to:
  - Set goals and complete an action plan
  - Develop a student education plan
  - Process reports required
  - Recommend support services on campus
- **Dismissal:** File readmission petition. Provide follow-up counseling appointment and services.

### Veterans Success Center

(916) 608-6898

The Veterans Success Center (VSC), located in Physical Education PE-119 at the Main Folsom campus, serves veterans and their dependents through a wide variety of services that can assist with a successful transition to college. The peer mentors in the VSC are ready to offer personalized services to veterans and their dependents, including help with VA paperwork, registration, campus tours, and a veteran-specific orientation. The VSC also offers academic, personal, and career counseling; college and community service referrals; student success workshops; computers; and opportunities to network with other veterans.



## **Welcome & Student Success Center**

**(916) 608-6702**

The Welcome & Student Success Center (WSSC) is located at the Main Folsom campus in Aspen Hall/FL1 and is the place where new students can get started with their academic experience at Folsom Lake College. In the WSSC, students can receive help with the pre-enrollment process, registration, as well as assistance with eServices. It's the place where current students can obtain their student access card, semester parking permit, and UTP (Universal Transit Pass) sticker. Also available in the Welcome & Student Success Center is excellent customer service from the Student Success Support Team who provide campus life, tutoring, and student services information; access to Peer Mentors for student success programs; a computer lab; and individual and group study spaces.

## **Work Experience and Internship Program**

**(916) 608-6552**

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 students who are interns, volunteers, and employees. Please see the Work Experience section in Academic Programs of Study for more information.

# Student Success & Support Programs (SSSP)

## Student Success & Support Programs (SSSP)

(916) 608-6722

FLC's Student Success & Support Programs are designed to provide a welcoming, supportive, and enjoyable college experience to students during their first year of college. The first year is an important time for all students as it serves as a foundation on which success toward graduation and transfer are built. Research shows that a student's experiences during their first year of college greatly influence their success in reaching their academic goals.

Consider joining the following programs:

### Summer Bridge

Summer Bridge is designed to help new students ease the transition to Folsom Lake College and give them a solid foundation before starting the fall semester. Students gain essential study, learning, and self-management skills, explore majors and careers; and engage in academic planning. Peer Mentors are on hand to provide guidance and support while students build community and become familiar with Folsom Lake College and its programs and services.

### First Year Experience (FYE)

First Year Experience is a yearlong program designed to support students in their first year of college. By participating in FYE, students will receive registration assistance, referrals to campus services, peer mentoring, and placement in a learning community made up of required courses needed to meet their educational goals. FYE students get instructional support through tutoring and connections with class instructors. FYE classes are offered between 9:00 am and 12:30 pm, making the schedule beneficial for most students. Additionally, FYE participants are guaranteed their seats in all FYE classes.

#### *What is a learning community?*

FYE students benefit from enrollment in a small group of first year students who learn together in a cohort atmosphere. Studies show that participation in learning communities greatly enhances a student's opportunity to succeed in college.

### Peer Mentoring

FLC Peer Mentors support first year students as they embark on their journey through higher education. Peer Mentors assist new students by serving as a resource to the campus, meeting with students to address questions and/or concerns, and mentoring new students who are participating in the Summer Bridge and First Year Experience (FYE) programs. Peer Mentors gain valuable skills through their collaboration with faculty, leading mentoring groups, designing and implementing programming, and connecting with a diverse group of students.

# 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 their 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 October 1, and preferably by March 2, to be eligible for maximum aid. The FAFSA can be completed at: [www.fafsa.gov](http://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 student will be notified on eServices of any additional documents needed in order to complete their file. Please Note: 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:

## **California College Promise Grant (formerly Board of Governors or 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. Applications are generally available online in mid-April for the following academic year. The California College Promise Grant application is available online.

### *Eligibility*

- Must be in good academic standing as all grades will be used to determine California College Promise Grant eligibility
- Must be a California resident or an eligible AB540 student
  - \*AB540 students are those who are an undocumented resident (Dreamers) 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
    - Must complete an affidavit saying they have filed (or will file when they are eligible to do so) for legal immigration status with the Admissions & Records office.
- Complete the application online and
- Be prepared to provide proof of eligibility. There are four methods by which you may qualify:
  1. *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.
  2. *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.
  3. *Method B:*  
If you meet household (low) income standards (see chart on next page). 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.

## 2018-2019 California College Promise Grant Income Standards

Family Size	Income
1	\$18,090
2	\$24,360
3	\$30,630
Each Additional Family Member	\$6,270

#### 4. *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.

### 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 Grant (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 2 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 four-year colleges and universities. Grant recipients are selected on the basis of financial need and grade point average.

Note: 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 career education program at Folsom Lake College.

Students who meet the AB540 criteria (see previous page) are also eligible to apply for and receive state-funded financial aid.

#### *Full-time Student Success Grant (FTSSG)*

This program is designed to encourage students to maintain full-time status. All full-time students receiving Cal Grant B or Cal Grant C can receive this benefit.

#### *Community College Completion Grant (CCCG)*

This program is designed to provide students with the additional financial aid to help offset their total cost of community college attendance and encourages faster completion of the student's degree or certificate. The CCCG is a stackable grant (available to full-time Cal Grant B or C and FTSSG recipients) for those attending at least fifteen (15) units per term, and who are on pace to complete their program within the time frame determined in their comprehensive student educational plan (SEP) for the entire length of their program.

### **Part-time Employment (money earned)**

#### *Federal Work Study (FWS) Program*

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

### **Scholarships**

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 on the website.

### Foundation Scholarships

These awards are provided by the Folsom Lake College Foundation and are granted to graduating high school seniors and current students enrolled in at least six units at the college. Awards are based on the goals stated by the student, academic effort shown by adequate grades (minimum of 2.0 GPA), community service or work experience, and financial need.

### Loans (requires repayment)

#### *Federal Direct Loan Program (Subsidized)*

This loan is offered to low- and middle-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 to 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 the Free Application for Federal Student Aid (FAFSA)
- Be enrolled in at least six (6) units
- Receive an award letter for other forms of federal/state financial aid
- Complete the online loan entrance counseling as a first-time borrower
- Sign the Master Promissory Note (MPN)

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 Loan, the student accepts the responsibility to repay it.

Student loan borrowers must complete loan exit counseling when enrollment drops below six (6) units, they withdraw, or graduate from the college.

### Requirements for Federal/State Financial Aid

Eligibility for financial assistance is determined by:

- Demonstrating 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 USC 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, General Education Development (GED), or passing the CA Proficiency Exam. Students who completed a home-schooling curriculum are considered to have received a high school diploma or its equivalent. ATB tests passed at any Los Rios college are acceptable at Folsom Lake College. Note that the college reserves the right to evaluate high school diploma(s). The Vice President of Student Services or their 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 their 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 towards their educational goal. SAP is defined by the Federal Department of Education as 150% 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 Folsom Lake College cumulative grade point average (GPA).
  2. Maintain progress – Successfully complete at least 67% of units enrolled.
  3. Maximum time frame – Students who have completed a bachelor’s degree or higher (including a foreign degree) or attempted more than 150% of their units required for their degree or certificate program will be denied financial aid. Units earned at another college that are transferred to and

accepted at a Los Rios college will be calculated into the total number of units attempted. Up to thirty (30) attempted units of remedial coursework may be deducted from the total units accumulated. English as a second language (ESL) classes are counted toward the total number of units attempted. Students who enroll in ESL or excessive remedial courses that do not apply to their degree or certificate may exhaust their financial aid eligibility prior to completing the program.

**Course Repetition and Academic Renewal:** To determine the student's GPA, the most recent grade for a repeated course and all grades for academic renewal courses will be used. All units (both current and prior) from repeated and academic renewal courses are counted toward the 150% maximum time frame of units a student is permitted to attempt. Students are not eligible to receive aid for more than one repetition or a course that has been previously passed.

**Warning:** Students who fail to meet SAP due to the GPA and/or PACE requirements may be placed on Financial Aid Warning for one semester. During the warning period, the student may be eligible to receive financial aid.

**Appeal Eligibility:** A student may be placed on financial aid dismissal for not meeting SAP. Students who are denied aid due to their failure to meet SAP standards may regain Title IV eligibility by meeting the SAP standards based on their own actions or have an opportunity to submit a Financial Aid Appeal. If the appeal is approved, the student will be placed on Financial Aid Probation during that term. If the student fails to meet SAP while on probation, financial aid will be denied. Read the Financial Aid Satisfactory Academic Progress Policy and Appeal Eligibility criteria online 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 Folsom Lake College for financial aid recipients
- Completion of a bachelor's degree or higher (including a foreign degree), or attempting 150% of the units required for a degree or certificate program
- Falsification of information that affects the determination of eligibility or aid
- Failure to provide necessary verification/documentation of income and resources

## Academic Honors

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

## Academic Renewal

A student may petition to have previous substandard work (Ds and Fs) 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 twelve (12) consecutive months shall have elapsed since the end of the semester or summer session in which the work to be alleviated was recorded; and a minimum of twelve (12) semester units (or its equivalent) with a grade of C or Pass/Credit or better shall have been attained. The coursework must have been completed at a regionally accredited college.
- Current educational objectives must be discussed with a counselor and the counselor's recommendation must be included on the petition.
- No more than thirty (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.

Students with questions regarding this policy should contact 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 (Los Rios Regulation R-2222).

All students who remain enrolled in a class after the last day to withdraw (see the Academic Calendar online) will be issued a letter grade for the course. If a student has stopped attending but not dropped the class, the student may receive an F grade for the course on their permanent record. Exception to this policy involves completion of the Folsom Lake College Student Petition, with appropriate signatures and documentation of extenuating circumstances.

## Excessive Absences

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

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

## Non-Attendance at First Class

Per Los Rios Regulation R-2222, students who fail to attend the first session of a class may be dropped by the instructor.

## Auditing Courses

Folsom Lake College does not permit auditing of classes, which is defined as attending a course(s) without having enrolled, 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 Community College District, students who remain in attendance in one regular session (semester or summer session) 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
2. Requirements in effect at the time the student originally enrolled in a regionally accredited college or university
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 (semester or summer session) in each calendar year. Absence for attendance at another regionally accredited institution shall not be considered an interruption in attendance (Los Rios Policy P-7242).

## Change of Address/Name

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

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

Students can submit birth date and social security number corrections to the Admissions & Records office along with proper documentation (official birth certificates or social security verification). 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 Title 5, 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 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 (Title 5, Section 55042).

### Repeatable Courses

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

These include:

- Courses for which repetition is necessary to meet the major requirements of CSU or UC for completion of a bachelor’s degree
- Intercollegiate athletics and their related conditioning courses may be repeated to meet requirements for California Community College Athletic Association (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 six (6) to sixteen (16) units.



### Repetition Without 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 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 (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 repeating the course in question (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 substandard grade [a notation of D, F, NC (No Credit), NP (No Pass), or W (Withdrawal)] in any course within a family, the substandard grade counts as one of the four course limitations in the family. The list of families of courses is available in the Counseling office. 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. The student must state their justification for enrolling in the overlapping class, and instructors must indicate how the missed time will be made up (Title 5, Section 58031).

### 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 (3) 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 (3) consecutive semesters.

#### Appeal Option

Per Los Rios Regulation 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).

### 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 twelve (12) or more semester units, earns a 2.0 GPA on a 4.0 grading scale, and completes more than 50% of all enrolled units, merits good standing with the college.

## 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/No Pass basis. The Pass/No Pass petition must be filed with the Admissions & Records office prior to the 30% mark of the class (see Academic Calendar for deadlines). 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 Dismissal and Probation information in this section).

A maximum of fifteen (15) P credit units may be applied toward an associate degree.

Please 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.

## 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 before the end of the semester because of an unforeseeable emergency or justifiable reason.

To receive credit for the course, the student must finish the incomplete work no later than one (1) year from the end of the semester in which it was assigned. A final grade will be assigned when the work stipulated has been completed and evaluated, or when the time limit for completing the work has elapsed. 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 (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 (see Academic Calendar for deadlines). 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 in the Admissions & 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 (see Academic Calendar for deadlines), 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.

## Honors at Graduation

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

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 (Los Rios Policy P-7242).

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

Per Los Rios 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 college 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.

## Phi Theta Kappa (Honor Society)

Phi Theta Kappa is an international honor society for two-year colleges. It offers recognition of academic excellence, scholarships, career placement resources, leadership development, and service opportunities. Membership is based on academic achievement, specifically students must have completed a minimum of twelve (12) units of course work at Folsom Lake College with a 3.50 GPA.

## Probation

There are two types of probation: academic and progress.

### Academic Probation

A student who has attempted at least twelve (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 twelve (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.

## 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 thirty (30). These courses are usually numbered 1-99. Students may petition for a waiver to the 30 unit limitation through a counselor. However, federal financial aid does not allow a student to receive aid for more than 30 remedial units.

## Transcripts - 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 business day) processing. There will be no cost to students for the first two regular processing transcripts they order.

*Please Note:* Any coursework completed prior to Summer 2003 will be reflected on a Cosumnes River College (CRC) official transcript and must be requested from CRC. Coursework completed at Folsom Lake College starting with the Summer 2003 term is reflected on a Folsom Lake College official transcript.

## Unit/Academic Load

Per Los Rios 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.

Spring/fall semester - 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 Folsom Lake College 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.

Summer session - 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 Folsom Lake College 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 twelve (12) units (with reduced benefit amounts dependent on the total number of enrolled units).

The following categories require the minimum unit load indicated:

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

## Unit of Credit

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

## Valedictorians

It is the intention of this college to honor those students with the highest scholastic standing. 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 the 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 Office of Student Life, the Commencement Planning Committee, and upon approval of the college president or their designee.

## Verification of Enrollment

Upon written request, verifications of enrollment are provided, free of charge, by Admissions & Records. Please allow ten business days for processing. For 24/7 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](http://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 (AP), College-Level Examination Program (CLEP), and International Baccalaureate (IB) Tests

Folsom Lake College grants credit towards its degrees for successfully completed College Board Advanced Placement (AP), College-Level Examination Program (CLEP), and International Baccalaureate (IB) examinations. Charts delineating how Folsom Lake College grants credit for these tests can be found at the end of this section. A student who meets the following requirements may receive credit for successfully passed exams:

- Official copies of test scores are on file at the Admissions & Records office.
- Student is in good standing, which is defined as having completed twelve (12) units of credit and having a 2.0 GPA.

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

## Cooperative Work Experience

Cooperative Work Experience (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 Work Experience and Internship office at (916) 608-6552. Students must have a cooperating employer by the end of the second week of the full semester or by the end of the first week of an 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 every 75 hours of paid work experience or for every 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 (for example, a teacher's aid should enroll in ECE 498 and a sales clerk should enroll in BUS 498).

Interested students may earn college credit in the following majors:

- Accounting
- Administration of Justice
- Anthropology
- Biology
- Business
- Business Technology
- Chemistry
- Communications Media
- Computer Information Science
- Dance
- Early Childhood Education
- Environmental Technology
- Gerontology
- History
- Kinesiology
- Management
- Marketing
- Music - Specializations in Music
- Nutrition
- Photography
- Social Work/Human Services
- Theatre Arts

Cooperative Work Experience has two ways to qualify for the program:

**New (First-Time) Students**

- You have completed a semester work experience course with a C grade or better.
- You are working a paid or non-paid job or internship.

- You must attend the class that meets each week. This class will cover workforce and career transition issues.
- Your grade and units are earned based on your performance in the workplace (developing new skills) and classroom assignments.

#### Returning Students

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

**General Work Experience** 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 student's current job per semester. No more than six (6) units may be earned in the program. One (1) unit of credit may be earned for every 75 hours of paid work experience or for every 60 hours of unpaid experience. Students must have a cooperative employer by the end of the second week of the semester to remain in the program.

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 twelve (12) units at Folsom Lake College with a minimum GPA of 2.0.

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

A maximum of fifteen (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 twelve (12) units residence requirement for graduation. Credit by exam units cannot be used to establish eligibility for financial aid, athletics, or veterans programs. Students will be assessed the regular enrollment fee for all credit by exam courses (for example, the California College Promise Grant 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 four-year colleges and universities do not accept units granted through credit by examination. Students are encouraged to meet with a counselor for more information. For the appropriate petition form and additional information, 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 the 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 1-3 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.

Please 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.

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 sixth 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. Regular enrollment fees apply.

### **Military Service - Credit**

Credit for military service is granted upon presentation of papers showing honorable discharge from and active duty of one (1) 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 their DD214 separation papers. Under rare circumstances, veterans may also receive credit for satisfactory training completed in service school.

After enrolling at Folsom Lake College, a veteran may apply for evaluation of military service experience for college credit. A copy of the veteran's DD214 separation paper must be submitted to the Admissions & Records office 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 instruction via the internet, including online course sections where all work is carried out online, and hybrid course sections where instruction is divided between online and on-ground modalities. Faculty teaching online, hybrid, and some on-ground courses may also use web-based learning materials, resources, assignments, and even some quizzes and tests, and may 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 college's open computer labs during regularly scheduled hours, as well as from home or other off-campus locations.

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 class 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 computer and internet skills and consistent access to a computer with internet capability.

### **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; Barcelona, Spain; and Florence, Italy. For more information on how to apply, contact the Study Abroad office at (916) 484-8967 or go to their website at: [www.arc.losrios.edu/study\\_abroad](http://www.arc.losrios.edu/study_abroad).

## AP Test Scores

Students may earn credit for College Board Advanced Placement (AP) tests with scores of 3, 4, or 5. AP can be used to meet IGETC, CSU GE, and AA/AS general education requirements. For credit to be applied, students must have official copies of their tests results sent to the Folsom Lake College Admission & Records office. Students can view how UC campuses accept AP credit at: [www.admission.universityofcalifornia.edu/counselors/exam-credit/ap-credits/index.html](http://www.admission.universityofcalifornia.edu/counselors/exam-credit/ap-credits/index.html)

AP Test	Folsom Lake College			IGETC		CSU GE			
	FLC Course equivalency for FLC degrees	FLC GE Area – 3 units unless more units listed under FLC units	FLC Units	IGETC Area	Sem. Units for IGETC	UC Units Earned	CSU GE Area	Sem Units for GE Cert.	CSU Sem Credits Earned
Art History		I	3	3A or 3B	3	8 qtr/5.3 sem	C1 or C2	3	6
Biology	BIOL 310: (score of 3), BIOL 400 (score of 4+)	IV	4-5	5B & 5C	4	8 qtr/5.3 sem	B2 & B3	4	6
Calculus AB	Math 400:	II(b)	5	2A	3	4 qtr/2.7 sem @	B4	3	3 #
Calculus BC	Math 400 (score of 3), MATH 400 & 401 (score of 4+)	II(b)	5-10	2A	3	8 qtr/5.3 sem @	B4	3	6 #
Calculus BC/AB Subscore		II(b)	3	2A	3	AB: 4 qtr/2.7 sem BC: 8 qtr/5.3 sem @	B4	3	3#
Chemistry taken F09 or later	CHEM 400 & 401	IV	10	5A & 5C	4	8 qtr/5.3 sem	B1 & B3	4	6
Chemistry taken prior to F09	CHEM 400 & 401	IV	10	5A & 5C	4	8 qtr/5.3 sem	B1 & B3	6	6
Chinese Language & Culture		I	3	3B & 6A	3	8 qtr/5.3 sem	C2	3	6
Comparative Government & Politics		V(b)	3	4	3	4 qtr/2.7 sem	D	3	3
Computer Science A #			3			2 qtr/1.3 sem	NA	NA	3 #
Computer Science AB #			3			4 qtr/2.7 sem	NA	NA	6 #
English Language & Composition	ENGWR 300	II(a)	3	1A	3	8 qtr/5.3 sem ^	A2	3	6
English Literature & Composition	ENGWR 300	II(a) or I	3	1A or 3B	3	8 qtr/5.3 sem ^	A2 & C2	6	6
Environmental Science taken F09 or later		IV	4	5A & 5C %	3	4 qtr/2.7 sem	B1 & B3	4	4
Environmental Science taken prior to F09		IV	4	5A & 5C %	3	4 qtr/2.7 sem	B2 & B3 OR B1 & B3	4	4
European History		I or V/b	3	3B or 4	3	8 qtr/5.3 sem	C2 or D	3	6
French Language and Culture		I	3	3B & 6A	3	8 qtr/5.3 sem	C2	3	6
French Language taken prior to F09	FREN 401 & 402	I	8	3B & 6A	3	8 qtr/5.3 sem	C2	6	6
French Literature taken prior to F09	FREN 401 & 402	I	8	3B & 6A	3	8 qtr/5.3 sem	C2	3	6
German Language and Culture		I	3	3B & 6A	3	8 qtr/5.3 sem	C2	3	6
German Language taken prior to F09		I	3	3B & 6A	3	8 qtr/5.3 sem	C2	6	6
German Language taken F 09 until F11		I	3	3B & 6A	3	8 qtr/5.3 sem	C2	3	6
Human Geography		V(b)	3	4	3	4 qtr/2.7 sem	D	3	3
Italian Language & Culture		I	3	3B & 6A	3	8 qtr/5.3 sem	C2	3	6
Japanese Language & Culture		I	3	3B & 6A	3	8 qtr/5.3 sem	C2	3	6
Latin		I	3	3B & 6A	3	8 qtr/5.3 sem \$	C3	3	6
Latin Literature taken prior to F09		I	3	3B & 6A	3	4 qtr/2.7 sem	C2	3	6
Latin: Vergil taken prior to F12		I	3	3B & 6A	3	4 qtr/2.7 sem	C2	3	3



## AP Test Scores (continued)

AP Test	Folsom Lake College			IGETC		UC Units Earned		CSU GE		CSU Sem Credits Earned
	FLC Course equivalency for FLC degrees	FLC GE Area – 3 units unless more units listed under FLC units	FLC Units	IGETC Area	Sem. Units for IGETC	UC Units Earned	CSU GE Area	Sem Units for GE Cert.		
Macroeconomics	ECON 302	V(b)	3	4	3	4 qtr/2.7 sem	D	3	3	
Microeconomics	ECON 304	V(b)	3	4	3	4 qtr/2.7 sem	D	3	3	
Music Theory		I	3			8 qtr/5.3 sem			6	
Music Theory taken prior to F09		I	3			8 qtr/5.3 sem	C1	3	6	
Physics 1		IV	4	5A & 5C	4	8 qtr/5.3 sem ~	B1 & B3	4	4+	
Physics 2		IV	4	5A & 5C	4	8 qtr/5.3 sem ~	B1 & B3	4	4+	
Physics B taken prior to F09		IV	3	5A & 5C	4	8 qtr/5.3 sem ~	B1 & B3	6	6+	
Physics B taken after F09 – expires F13		IV	3	5A & 5C	4	8 qtr/5.3 sem ~	B1 & B3	4+	6+	
Physics C (Electricity Magnetism)		IV	4	5A & 5C%	3	4 qtr/2.7 sem ~	B1 & B3	4+	4+	
Physics C (Mechanics)		IV	4	5A & 5C%	3	4 qtr/2.7 sem ~	B1 & B3	4+	4+	
Psychology	PSYC 300	V(b)	3	4	3	4 qtr/2.7 sem	D	3	3	
Spanish Literature & Culture	SPAN 401 & 402	I	8	3B & 6A	3	8 qtr/5.3 sem	C2	3	6	
Spanish Language & Culture	SPAN 401 & 402	I	8	3B & 6A	3	8 qtr/5.3 sem	C2	3	6	
Spanish Language taken prior to S14	SPAN 401 & 402	I	8	3B & 6A	3	8 qtr/5.3 sem	C2	6	6	
Spanish Literature taken prior to S13	SPAN 401 & 402	I	8	3B & 6A	3	8 qtr/5.3 sem	C2	6	6	
Statistics	STAT 300	II(b)	4	2A	3	4 qtr/2.7 sem	B4	3	3	
Studio Art – 2 D Design			3			8 qtr/5.3 sem			3	
Studio Art – 3 D Design			3			8 qtr/5.3 sem			3	
Studio Art – Drawing	ART 300	I	3			8 qtr/5.3 sem			3	
US Government and Politics		V(a) or V(b)	3	4 & US2 **	3	4 qtr/2.7 sem	D and US 2 **	3	3	
US History	HIST 310 & 311 or HIST 312 & 313	I or V(a) V(b)	6	3B or 4 & US 1 **	3	8 qtr/5.3 sem	C2 or D & US 1 **	3	6	
World History	HIST 307 & 308	V(b) or I	3	3B or 4	3	8 qtr/5.3 sem	C2 or D	3	6	

\*\* Student needs to complete a course which covers Cal. State and Local Gov. in order to complete CSU American Institutions Requirement

# If a student passes more than one AP exam in calculus or computer science, only one examination may be applied to the baccalaureate at a CSU campus.

+ If a student passes more than one AP exam in physics, only 6 units of credit may be applied to the baccalaureate, and only 4 units of credit may be applied to a certification of GE Breadth at a CSU campus.

% Test meets IGETC Science course and lab requirement but only grants 3 units toward the IGETC. Student will need to ensure he/she earns at least 7 units in IGETC area 5 in order to be certified.

@ Maximum UC credit for AP Calculus is 8 qtr/5.3 semester units total

^ 8 unit maximum for both English AP tests

\$ offered May 2013 and beyond

~ 8 units maximum for all AP Physics tests

## CLEP Test Scores

Students may earn credit for College-Level Examination Program (CLEP) tests with appropriate scores. CLEP can be used to meet CSU GE and AA/AS general education requirements. For credit to be applied, students must have official copies of their scores sent to the Folsom Lake College Admission & Records Office.

CLEP Test	Folsom Lake College GE			CSU GE			
	Scores	FLC GE Area	Units for FLC GE	Scores	CSU GE Area	Sem. Units for GE Cert.	Sem Units
American Govt.	50	V(a): American Institutions	3	50	D	3	3
American Literature	50	I: Humanities	3	50	C2	3	3
Analyzing & Interpreting Literature	50	I: Humanities	3	50	C2	3	3
Biology	50	IV: Natural Sciences	3	50	B2	3	3
Calculus	50	II(b): Languages & Rationality	3	50	B4	3	3
Chemistry	50	IV: Natural Sciences	3	50	B1	3	3
College Algebra	50	II(b): Languages & Rationality	3	50	B4	3	3
College Algebra – Trigonometry	50	II(b): Languages and Rationality	3	50	B4	3	3
College Composition	50			50	NA	0	0
College Composition – Modular	50			50	NA	0	0
College Mathematics	50			50	NA	0	0
English Composition (no essay)	50			50	NA	0	0
English Composition with Essay	50			50	NA	0	0
English Literature <i>taken prior to F11</i>	50	I: Humanities	3	50	C2	3	3
Financial Accounting	50			50	NA	0	3
French Level I*	50			50	NA	0	6
French Level II* <i>taken prior to F15</i>	59	I: Humanities	3	59	C2	3	12
French Level II*	59	I: Humanities	3	59	C2	3	9
Freshmen College Composition	50			50	NA	0	0
German Level I*	50			50	NA	0	6
German Level II* <i>taken prior to F15</i>	60	I: Humanities	3	60	C2	3	12
German Level II*	60	I: Humanities	3	60	C2	3	9
History, US I	50	V(a): American Institutions	3	50	D & US1	3	3
History, US II	50	V(a): American Institutions	3	50	D & US 1	3	3
Human Growth & Development	50	III(b): Living Skills	3	50	E	3	3
Humanities	50	I: Humanities	3	50	C2	3	3
Information Systems & Computer Applications	50			50	NA	0	3
Intro. to Educational Psychology	50			50	NA	0	3
Introduction to Business Law	50			50	NA	0	3
Introductory Psychology	50	V(b): Social Sciences	3	50	D	3	3
Introductory Sociology	50	V(b): Social Sciences	3	50	D	3	3
Natural Sciences	50	IV: Natural Sciences	3	50	B1 or B2	3	3
Pre-Calculus	50	II(b): Languages & Rationality	3	50	B4	3	3
Principles of Accounting	50			50	NA	0	3
Principles of Macroeconomics	50	V(b): Languages & Rationality	3	50	D	3	3
Principles of Management	50			50	NA	0	3
Principles of Marketing	50			50	NA	0	3
Principles of Microeconomics	50	V(b): Languages & Rationality	3	50	D	3	3
Social Science and History	50			50	NA	0	0
Spanish Level I*	50			50	NA	0	6
Spanish Level II* <i>taken prior to F15</i>	63	I: Humanities	3	63	C2	3	12
Spanish Level II*	63	I: Humanities	3	63	C2	3	9
Trigonometry <i>taken prior to F06</i>	50	II(b): Languages & Rationality	3	50	B4	3	3
Western Civilization I	50	I: Humanities or V(b): Social Sciences	3	50	C2 or D	3	3
Western Civilization II	50	V(b): Social Sciences	3	50	D	3	3

\*If a student passes more than one CLEP test in the same language other than English (i.e. two exams in French), then only one examination may be applied to the baccalaureate. For each test in a language other than English, a passing score of 50 is considered "Level I" and earns six units of baccalaureate credit; the higher score listed for each test is considered "Level II" and earns additional units of credit and placement in Area C2 of GE Breadth, as noted.

## IB Test Scores

Students may earn credit for International Baccalaureate (IB) test with scores of 4 or 5. IB can be used to meet IGETC, CSU GE, and AA/AS general education requirements. Students must have official scores sent to the Folsom Lake College Admission & Records office for credit to be applied toward GE/IGETC certification or toward FLC graduation requirements.

IB Test	FLC Graduation Requirements			IGETC Certification			CSU GE Certification				
	Min Score	FLC GE Area	FLC GE Units	Min Score	IGETC Area	Sem units for IGETC	UC units	Min Score	CSU GE Area	Sem. Units for GE Cert.	CSU Sem Units
Biology HL	5	IV: Natural Sciences	3	5	5B	3	8 qtr/5.3 sem	5	B2	3	6
Chemistry HL	5	IV: Natural Sciences	3	5	5A	3	8 qtr/5.3 sem	5	B1	3	6
Economics HL	5	V(b): Social Sciences	3	5	4	3	8 qtr/5.3 sem	5	D	3	6
Geography HL	5	V(b): Social Sciences	3	5	4	3	8 qtr/5.3 sem	5	D	3	6
History (any region) HL	5	I: Humanities or V(b): Social Sciences	3	5	3B or 4	3	8 qtr/5.3 sem	5	C2 or D	3	6
Language A: Literature HL (any language, except English)	5	I: Humanities	3	5	3B and 6A	3	8 qtr/5.3 sem	4	C2	3	6
Language A: Literature HL (any language)	3	I: Humanities	3	5	3B	3	8 qtr/5.3 sem	4	C2	3	6
Language A: Language and Literature HL (any language except English)	5	I: Humanities	3	5	3B and 6A	3	8 qtr/5.3 sem	4	C2	3	6
Language A: Language and Literature HL (any language)	5	I: Humanities	3	5	3B	3	8 qtr/5.3 sem	4	C2	3	6
Language A1 (any language) HL expires F13	4	I: Humanities	3	5	3B	3	8 qtr/5.3 sem	4	C2	3	6
Language A2 (any language) HL expires F13	4	I: Humanities	3	5	3B	3	8 qtr/5.3 sem	4	C2	3	6
Language B ** (any language) HL	4			5	6A	3	8 qtr/5.3 sem	4	NA	NA	6
Mathematics HL	4	II(b): Languages & Rationality	3	5	2A	3	8 qtr/5.3 sem	4	B4	3	6
Physics HL	5	IV: Natural Sciences	3	5	5A	3	8 qtr/5.3 sem	5	B1	3	6
Psychology HL	5	V(b): Social Sciences	3	5	4	3	8 qtr/5.3 sem	5	D	3	3
Theatre HL	4	I: Humanities	3	5	3A	3	8 qtr/5.3 sem	4	C1	3	6

\*\* The IB curriculum offers language at various levels for native and non-native speakers. Language B courses are offered at the intermediate level for non-native speakers. Language A1 and A2 are advanced courses in literature for native and non-native speakers, respectively.

# Libraries

## Main Folsom Campus Library

(916) 608-6613

## El Dorado Center Library

(530) 642-5695

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 the Main Folsom campus and El Dorado Center 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. The Main Folsom campus library also has a large silent study room with research computers.

## Librarians

Librarians provide one-on-one research help at all three campuses. For assistance, students can visit or call the Main Folsom campus Library Reference Desk, or use the online Ask-A-Librarian email or chat link. El Dorado Center and Rancho Cordova Center students can also contact the Outreach Librarian at: [pittsl@flc.losrios.edu](mailto:pittsl@flc.losrios.edu) to make an appointment for research help.

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 Academic Programs of Study 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 District Library Card. Cards can be obtained at the Welcome & Student Success Center at the Main Folsom campus in Aspen Hall/FL1, in the Computer Lab (C-204) at the El Dorado Center, and in the Learning Resource Center (RCC1-203) at the Rancho Cordova Center. Your card is valid at any of the Los Rios 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.

## Online Research

OneSearch, available through the library website, identifies books, eBooks, periodicals, media, and reserve materials available at the Main Folsom campus, El Dorado Center, and the other Los Rios libraries. Additional services, such as renewing books online, viewing your library account, and requesting books from the other Los Rios libraries are accessed through OneSearch. Ask a librarian if you need assistance.

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, encyclopedias, and streaming media. The library databases are available to all students, staff, and faculty. They are accessible through the library website. When off campus, you will need your Los Rios student ID number (example: w1234567) and password (this is the same password used by eServices, Los Rios Gmail, Canvas, 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 seven general circulating books at a time. General circulating media check out for seven days and may be renewed for an additional seven days. You may check out two general media at a time. Reserve materials check out for two hours (library use only), one day, three days, or seven days. You may check out two 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 per day
2-hr reserve materials (Library use only)	\$1 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 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 non-refundable processing fee.

# Tools for Success

**Please Note:** These URLs are subject to change. If you receive an error message, please go to the main college website at: [www.flc.losrios.edu](http://www.flc.losrios.edu) and search for the tool you are looking for.

## Class Schedules

[www.losrios.edu/class-schedules.php](http://www.losrios.edu/class-schedules.php)

View the full schedule of classes that each Los Rios college offers each semester. Use this tool to plan your schedule and classes for the upcoming semester by reviewing course offerings, days/times courses are offered, and prerequisite/corequisite information.

## eServices

[ps.losrios.edu/direct/signon.html](http://ps.losrios.edu/direct/signon.html)

Use eServices to search for open classes, register for or drop a class, view your class schedule, complete your supplemental enrollment form, view your grades, get an unofficial transcript, update your contact information, or make payments online.

## Canvas

[canvas.losrios.edu](http://canvas.losrios.edu)

Canvas is a web-based learning management system designed to create a rich online learning environment for students. Instructors choose many of the tools that are used in Canvas so each course is unique in how content is presented and how the class uses the communication tools.

## Distance Counseling

[www.flc.losrios.edu/counseling](http://www.flc.losrios.edu/counseling)

Distance counseling service provides FLC students an opportunity to connect with a counselor via email or telephone for brief questions pertaining to academic and/or career planning. Distance counseling can assist with questions about certificate, degree, and transfer requirements; course prerequisites; course offerings and majors available; referrals to programs/services; clarification of college procedures and policies; course transferability; and career exploration tools/resources.

## LINCS

[www.losrios.edu/lrc/lincs.php](http://www.losrios.edu/lrc/lincs.php)

Los Rios Internships & Career Services (LINCS) is a free online job board where Los Rios students and alumni can find jobs, internships, and volunteer opportunities.

## Los Rios Gmail

[apps.losrios.edu](http://apps.losrios.edu)

This is your official college email address (for example, [w1234567@apps.losrios.edu](mailto:w1234567@apps.losrios.edu)). Please check this inbox regularly for important college and district communications. You can also set up Los Rios Gmail to forward to your personal email.

## OneSearch

[www.library.losrios.edu/resources/databases/](http://www.library.losrios.edu/resources/databases/)

Provides access to the content of nearly every database held by Los Rios Libraries. Also provides access to books, videos, and other content from library shelves.

## Online Tutoring

[www.tutor.com/folsom](http://www.tutor.com/folsom)

Learning Skills provides online tutoring for students in selected math courses. Please visit the Learning Skills website to learn more.

# College Safety and Security

## Los Rios Police Department: (916) 558-2221

At Folsom Lake College, we are committed to maintaining a safe campus environment and supporting an ongoing comprehensive safety program. FLC faculty and staff are trained to lead our response to any number of incidents, the Los Rios Police Department (LRPD) employs sworn police officers who California P.O.S.T (Peace Officers Standards and Training) certified and are responsible for protecting life and property on district-owned property, and the college and district have excellent working relationships with emergency and law enforcement agencies in our communities.

What can you do? All faculty, staff and students are encouraged to exercise a sense of personal responsibility for their own safety and the well-being of others.

### Personal Safety on Campus

At Folsom Lake College, the Los Rios Police Department, staff, faculty, students, and campus visitors 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 community recognizes they are potential victims and take basic precautions and follow these helpful tips:

- Familiarize yourself with the layout of the campus. Review the maps at the back of this catalog or online. Survey the campus while classes are in session and after dark to see that academic buildings, walkways, facilities, and parking lots are adequately secured and well-lit.
- Know where the Blue Emergency Phones are located on campus (noted on campus maps). These phones are marked and easily identified by a blue light. When accessed, these emergency telephones will automatically connect the caller to the Los Rios Police Department.
- Familiarize yourself with the Emergency Procedures flipcharts found in classrooms and office areas. These red and white wall-mounted charts include initial response procedures for a wide variety of possible incidents.
- Emergency notification messages are sent out via text, email, and phone using Los Rios ALERT. Make sure your contact information is up-to-date by logging

into eServices and selecting “Los Rios ALERT Signup Page” under Personal Information.

- Share your class schedule with your parents and trusted friends and give them your telephone numbers.
- Tell a friend or roommate where you are going and what time you expect to return.
- Plan the safest route to your destination; choose well-lighted, busy pathways and streets. If you see any facility issues that need attention (such as lights burnt out), contact:
 

Main Folsom campus	(916) 608-6733
El Dorado Center	(530) 344-5716
Rancho Cordova Center	(916) 361-6340
- At night, stick to well-lit areas whenever possible and avoid alleyways or “short cuts” through isolated areas.
- Travel in groups and avoid going out alone at night. Make arrangements with other classmates to park near each other so you can walk together at night.
- Walk near the curb and avoid shrubbery or other places of potential concealment.
- Stay alert to your surroundings and the people around you.
- Don’t overload yourself with bags or packages and avoid wearing shoes that restrict your movements.
- Walk with a confident stride; keep your head up and look around. Avoid texting and talking on the phone while walking since it is easy to not pay attention to your surroundings.
- Carry your purse close to your body and keep a firm grip on it; carry your wallet in an inside coat pocket or your front pant pocket.
- Keep your keys separate from your purse or backpack. Carry keys in your hands with the keys between your knuckles.
- If you are being followed, change direction and go to the nearest building or blue emergency phone, call the Los Rios Police. Note the description of the person following you.
- Escorts are available if you don’t feel comfortable walking to your car alone. To request an escort, call (916) 558-2221 and press “0”.
- Program the Los Rios Police number, (916) 558-2221, in your cell phone.

## Crime Prevention

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

- **Emergency automobile assistance:** While not mechanics, Los Rios Police officers are equipped and trained to start cars with dead batteries or unlock non-electric car doors. Proper identification is required for the performance of these services.
- **Firearms:** California Penal Code Section 626.9 (h) prohibits the possession of a firearm on college grounds.
- **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 (Los Rios Policy P-2443).
- **Emergency Telephones:** Outdoor emergency telephones have been installed at strategic locations throughout the campuses. These blue phones, when accessed, will automatically connect the caller to the Los Rios Police Department.
- **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 (Los Rios Policies P-2441 and P-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 the Main Folsom campus, El Dorado Center, and Rancho Cordova Center follow the same parking regulations as the City of Folsom and the Counties of Sacramento and El Dorado. Vehicles not having a valid semester parking decal or daily permit properly displayed will be issued a parking citation. There is a \$283 fine for parking in designated disabled spaces (including hatch marks next to disabled spaces) without a state-issued disabled decal or plate.
- **Sexual Harassment:** Sexual harassment in any situation is unacceptable and is in violation of state and federal laws and regulations. Corrective action will be taken where evidence of sexual harassment is found (Los Rios Policy P-2424).

## 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 permit 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 semester or daily parking permit is required 24 hours a day/seven days a week throughout the year. Parking regulations will be enforced 24 hours a day, seven days a week (Los Rios Regulation R-2252).

## Reporting a Crime/Incident

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

Crimes occurring on campus should be reported immediately to a Los Rios Police officer or by calling (916) 558-2221. When appropriate, Los Rios Police will contact the local law enforcement agency for assistance and/or to conduct an investigation. A Los Rios Police report will be made; a copy of the report may be made available to the reporting individual provided they are 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 Falcon's Roost FR-140, at the El Dorado Center in B-132, or at the Rancho Cordova Center in RCC1-147.



## Reporting Sexual Assault

### Procedure

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.

### Notification

Any student, faculty, or staff member who is a victim of sexual assault at a college facility, as defined above, should notify the Los Rios Police Department. If the reporting party requests confidentiality or asks that a complaint not be pursued, college personnel will take all reasonable steps to investigate and respond to the complaint consistent with the request for confidentiality or request not to pursue an investigation. However, it is the obligation of the college to provide a safe and nondiscriminatory learning environment for all students. In that regard, the college may weigh the request for confidentiality against the following factors: the seriousness of the alleged harassment; the reporting party's age; whether there have been other harassment complaints about the same individual; and the alleged harasser's rights to receive information about the allegations if the information is maintained by the school.

### Legal reporting

Pursuant to legal requirements, the Los Rios Police Department will notify the appropriate local law enforcement agency of the reported sexual assault. 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. 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.

### Campus services and resources

Upon notification of a sexual assault, the Los Rios 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.

The listing of resources and services shall be available through the Los Rios Police Department and the Counseling office.

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.

### Case management

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.

The Counseling office shall assist, upon request, the victim of sexual assault in dealing with academic difficulties that may arise because of the victimization and its impact.

### Confidentiality and requests for information

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's 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.

### Dissemination of Procedure

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.

## The Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act

This information is updated annually and is available to all students, employees, applicants, and community members. Additional information is available from Los Rios 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 college 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 property
- Non-campus building or property officially recognized by the 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 Los Rios Police and other security authorities for the offense categories under The Clery Act. Although every effort has been made to avoid duplication between Los Rios 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. Los Rios Police shall request these statistics under The Clery Act offense categories, for each location that meets the criteria for off-campus property. [For online access to the Annual Clery Report, go to: police.losrios.edu.](http://police.losrios.edu) All statistics are also available in the Los Rios Police offices.



**Students who are required to comply with PC 290 must contact the Los Rios Police Department immediately.**

**Contact:  
(916) 558-2221 or go to  
Falcon's Roost FR-140  
on the Main Folsom campus.**

# Graduation Requirements

## Degree and Certificate Programs

Folsom Lake College offers degree and certificate 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. Folsom Lake College also offers associate degrees for transfer (AD-T), which are primarily designed to help students transfer to the California State University system.

### 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 by making an appointment with a counselor.

Check the deadline dates noted at the front of this catalog for the last date to petition 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 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 career education include technical and industrial trades, health occupations, business and finance, electronics and computer sciences, public safety, and many others. Folsom Lake College has up-to-date equipment, facilities, and 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.

There are two types of certificates: Certificate of Achievement (with unit requirements of 18 and over) and Certificate of Recognition (with unit requirements less than 18 units). Per Title 5 Regulation 55070.b, certificates of less than 18 units cannot be posted to a student transcript unless the certificate has been submitted to and approved by the California Community College Chancellor's Office.

Although some equivalent course work from other accredited institutions might apply toward a Certificate, a minimum of twelve (12) units must be completed at Folsom Lake College. A grade of C or better is required in each course leading to a certificate. Certificate programs with requirements of fewer than twelve (12) units may be completed by satisfying only the certificate program requirements (and do not need to meet residency).

## Petitioning for Graduation/Certification

The college does not automatically confer degrees or certificates because eligibility requirements vary. Students are encouraged to meet with a counselor regularly during their studies at FLC to ensure that they're taking courses that will meet degree and certificate requirements.

It is the student's responsibility to file a Petition for Degree or Certificate with a counselor by the deadline date:

- Fall semester: 1st Friday of October
- Spring semester: 1st Friday of March
- Summer term: 3rd Friday of June

### The Process

Call the Counseling office at (916) 608-6510 for a one-hour appointment. Do not wait until the last minute to do this since counseling appointments fill quickly.

The following must be on file in the Admissions & Records office prior to your counseling appointment in order for your petition to be processed:

- Official transcripts of all coursework completed at other colleges (non Los Rios).
- Official copies of AP test scores, if applicable.
- Copy of DD214-military discharge papers, if veteran desires credit for Military Units.
- List of courses in progress if attending another college. Official final transcripts will be required at the end of the semester for final evaluation of degree/certificate.
- Copy of any required competency tests, if applicable.

To qualify for the degree during the semester of application, all requirements must be completed during the semester when the student applied for the degree.

Please Note: You should allow up to three months from the end of the semester or term before you receive your diploma or certificate. As evaluators discover any problems or issues, they will notify affected students.

**Notification**

Students are only notified in writing if the petition cannot be approved. All approved petitions will be fully evaluated after final grades have been posted (after the semester is over). If the petition is denied, students will be required to contact their counselor to resubmit the degree petition if requirements are not met.

Possible Reasons for denial of a degree petition include, student did not:

- Complete a minimum of 60 units for an associates degree
- Complete the competency requirements
- Make up an Incomplete (I) grade from a past semester
- Have 2.0 cumulative GPA
- Submit official copy of transcripts from other institution(s)
- Complete required courses for major
- Complete 12 units in residency at FLC

**When To Expect the Diploma/Certificate**

Diplomas and certificates are mailed approximately three months after the end of the semester.

If you need proof of your graduation date or major prior to receiving your diploma in the mail, please order an official transcript and indicate “to be held for posting of degree.” Diplomas will be mailed to the address written on the degree petition.

**Commencement**

Folsom Lake College has one commencement ceremony each year, at the end of spring semester in May. Summer (August) and fall (December) graduates, and spring (May) candidates may participate in this commencement exercise. All students who are eligible for an associate degree must petition by the deadline dates noted at the front of this catalog.

# 2018-2019 Associate Degree Graduation Requirements

Minimum requirements for the Associate Degree are outlined as follows:

- A. Satisfactory completion of 60 semester units of collegiate/degree applicable coursework (Folsom Lake College Courses numbered 100 – 499) with a “C” (2.0) grade point average
- B. 12 degree applicable semester units must be completed at Folsom Lake College
- C. MAJOR –Complete a 2 year major program of study offered at Folsom Lake College with a minimum “C” grade in each course used for the major. “Pass” grades earned at Folsom Lake College are acceptable.
- D. GENERAL EDUCATION: Complete a minimum of 21 units of coursework with a 2.0 GPA from the pattern below or possess a Baccalaureate Degree or higher from a regionally accredited college or university in the United States.
- E. Courses listed in more than one GE area can only be used in one GE area with the exception of area VI
- F. Meet competency in reading, writing and mathematics as listed in section D on next page

	C	IP	N
<p>I. <b>HUMANITIES</b> (3 units minimum):  <b>ART</b> 300, 304, 320, 323, 361, 370, 372, 390, 402, 430; <b>ARTH</b> 300, 303, 304, 306, 307, 309, 311, 312, 313, 314, 318, 324, 326, 328, 330, 332, 333; <b>COMM</b> 305; <b>DANCE</b> 380; <b>ECE</b> 361; <b>ENGLT</b> 303, 310, 311, 313, 319, 320, 321, 330, 339, 340, 341, 345, 360, 370, 402; <b>ENGWR</b> 301; <b>FREN</b> 401, 402, 411, 412; <b>HIST</b> 307, 308, 398; <b>HUM</b> 300, 310, 320, 325, 332, 370; <b>MUFHL</b> 300, 308, 310, 311, 321, 330, 400, 401; <b>MUSM</b> 370; <b>PHIL</b> 300, 310, 330, 331, 350, 352; <b>SILA</b> 305, 306, 315, 316; <b>SPAN</b> 401, 402, 411, 412; <b>TA</b> 300, 302, 303, 304, 310, 314, 315, 350                      Course: _____ College: _____ AP/IB/CLEP: _____</p>			
<p>II. <b>LANGUAGES AND RATIONALITY</b> (6 units minimum) Select at least 3 units from each area:                      a) <b>English Composition</b>: <b>BUS</b> 310; <b>ENGED</b> 305; <b>ENGWR</b> 300                      Course: _____ College: _____ AP: _____                      b) <b>COMMUNICATION AND ANALYTICAL THINKING</b>:  <b>ACCT</b> 301; <b>CISC</b> 310; <b>CISP</b> 360, 400; <b>COMM</b> 301, 311, 315, 331, 361, 363; <b>ENGCW</b> 400, 410, 420, 430; <b>ENGRD</b> 208, 310; <b>ENGWR</b> 301, 302; <b>GEOG</b> 330; <b>MGMT</b> 360; <b>MATH</b> 110, or higher level mathematics course; <b>PHIL</b> 300, 320, 325, 328; <b>PSYC</b> 330, 335; <b>STAT</b> 300                      Course: _____ College: _____ AP/IB/CLEP: _____</p>			
<p>III. <b>LIVING SKILLS</b> (3 units minimum) one course must be completed from each area. DD214 will clear IIIa and IIIb:                      a) <b>PHYSICAL EDUCATION ACTIVITY COURSE</b>:                      Any physical education activity course with a <b>DANCE</b> (except <b>DANCE 381</b>), <b>FITNS</b>, <b>PACT</b>, <b>SPORT</b>, <b>TMACT</b> designation and <b>HEED 351</b>. <b>Students with medical excuses on file</b> may enroll in Adapted Physical Education, or be exempt from the physical education activity course requirement. <b>Students receiving an exemption for any reason must complete a minimum of 3 units under (b) of this section</b>                       b) <b>LIFE DEVELOPMENT SKILLS</b> (a minimum of 2 units must be completed from this area:  <b>BUS</b> 320; <b>BUSTEC</b> 307, 307.1, 332; <b>CISC</b> 300, 310; <b>COMM</b> 321; <b>ECE</b> 312*, 314, 350, 415; <b>DANCE</b> 382; <b>ECON</b> 320; <b>ENGED</b> 320; <b>GERON</b> 340; <b>HEED</b> 300, 351; <b>HCD</b> 310, 315, 318, 330, 335, 345, 375; <b>INDIS</b> 313, 360; <b>KINES</b> 300, 416, 417; <b>LIBR</b> 318; <b>LTAT</b> 310; <b>NUTRI</b> 300, 302, 320, 322; <b>PSYC</b> 356, 360, 368, 370*, 372*; <b>SOC</b> 310, 341; <b>SWHS</b> 302, 331, 340; <b>WEXP</b> (General or Subject): 198, 498; <b>Field Experience (General or Subject):</b> 393                      Course(s): _____, _____, _____, _____ College: _____ AP/CLEP/DD214: _____</p>			
<p>IV. <b>NATURAL SCIENCES</b> (3 units minimum):  <b>ANTH</b> 300; 303; <b>ASTR</b> 300; <b>BIOL</b> 300, 307, 310, 323, 350*, 400, 410, 420, 430, 440, 442; <b>CHEM</b> 305, 306, 400, 410, 420, 421; <b>ENVT</b> 304*; <b>GEOG</b> 300; 306; <b>GEOL</b> 300, 305, 310, 330, 345; <b>HORT</b> 300; <b>NUTRI</b> 300, 340; <b>PS</b> 302; <b>PHYS</b> 310, 311, 350, 411; <b>PSYC</b> 312                      Course: _____ College: _____ AP/IB/CLEP: _____</p>			
<p>V(a). <b>AMERICAN INSTITUTIONS</b> (3 units minimum): <b>HIST</b> 310, 311, 312, 313, 314, 331; <b>POLS</b> 301                      Course: _____ College: _____ AP/CLEP: _____</p>			
<p>V(b). <b>SOCIAL AND BEHAVIORAL SCIENCES</b> (3 units minimum):  <b>ADMJ</b> 300, 302, 320; <b>ANTH</b> 310, 319, 320, 330; <b>BUS</b> 320, 330, 345; <b>COMM</b> 325, 341, 351*, 363; <b>ECE</b> 312*; 330, 430; <b>ECON</b> 302, 304, 320; <b>GEOG</b> 310; 322; <b>GERON</b> 300; <b>HIST</b> 307, 308, 310, 311, 312, 313, 314, 319, 331, 344, 398; <b>JOUR</b> 310*; <b>NUTRI</b> 310; <b>PHIL</b> 360; <b>POLS</b> 301, 302, 310, 320; <b>PSYC</b> 300, 320, 340, 356, 368, 370*, 372*; <b>SOC</b> 300, 301, 310, 321, 341, 379; 31, <b>SWHS</b> 331                      Course: _____ College: _____ AP/IB/CLEP: _____</p>			
<p>VI. <b>ETHNIC/MULTICULTURAL STUDIES</b> (3 units minimum – courses may also be used to meet other GE requirements – effective term and year listed in parenthesis:  <b>ADMJ</b> 302 (SU08); <b>ANTH</b> 310 (SP04), 330 (SP04); <b>ARTH</b> 312 (F09), 324 (F09), 328 (F09), 330 (F09), 332 (SP04), 333 (F07); <b>BUS</b> 330 (SP04); <b>COMM</b> 325 (SP04); <b>DANCE</b> 380 (FA10); <b>ECE</b> 430 (SP04); <b>ENGLT</b> 340 (SP04), 345 (SP04), 360 (SP04); <b>GEOG</b> 310 (SP04), 322 (F12); <b>HIST</b> 308 (SP04), 331 (F12), 344 (SP04); <b>HUM</b> 320 (F10), 325 (F11), 332 (SP04); <b>MUFHL</b> 330 (SP04); <b>NUTRI</b> 310 (SP07); <b>PHIL</b> 352 (SP04); <b>PSYC</b> 356 (F10), 368 (SP07); <b>SOC</b> 321 (SP04), 341 (Su 2018); <b>SWHS</b> 331 (SU2018)                      Course: _____ College: _____</p>			

C = Completed, IP=In Progress, N=Need

## 2018-19 Associate Degree Graduation Requirements (continued)

<b>D: Reading, Writing and Math Competency Requirements</b>			
	C	IP	N
<b>Reading Competency – meet one of the following:</b> <ol style="list-style-type: none"> <li>1. Complete ENGRD 208 or 310 with a grade of ‘C’ or better</li> <li>2. Complete with a grade of “C” or better a reading course in the Los Rios District at the 200 or 300 level that has been approved for competency</li> <li>3. Complete with a grade of “C” or better an equivalent college level reading course at a regionally accredited college in the U.S.</li> <li>4. Achieve a qualifying score on a reading competency test administered by a Los Rios Assessment Center (only 2 attempts are permitted district-wide)</li> <li>5. Achieve a satisfactory reading competency score on the first time taking a standardized reading test for placement</li> <li>6. Tests taken outside of the Los Rios District will not be accepted.</li> <li>7. Complete the CSU GE Breadth or IGETC pattern</li> <li>8. Possess an A.A. or A.S. degree or higher from a regionally accredited college in the US.</li> </ol> Course: _____ College: _____ LRCCD Test: _____ Other: _____			
<b>Writing Competency – meet one of the following:</b> <ol style="list-style-type: none"> <li>1. Complete one of the following with a grade of “C” or better – ENGWR 300, BUS 310</li> <li>2. Complete an equivalent college writing course at a regionally accredited college in the US with a grade of “C” or better</li> <li>3. Possess a BA or BS from a regionally accredited college in the US.</li> </ol> Course: _____ College: _____ AP: _____ Assessment: _____ Other: _____			
<b>Math Competency – meet one of the following:</b> <ol style="list-style-type: none"> <li>1. Complete one of the following with a grade of “C” or better: MATH 110, 120, 310, 335, 341, 343, 370, 400, 401, 402, 410, 420; PSYC 330; STAT 300</li> <li>2. Complete an equivalent course with a grade of “C” or better from a regionally accredited college in the U.S.</li> <li>3. Pass a Los Rios Math Competency test (only 4 attempts allowed in a two year period and no more than twice in a semester or once during the summer session)</li> <li>4. Tests taken outside of the Los Rios District will not be accepted</li> <li>5. Possess a BA or BS from a regionally accredited college in the US.</li> </ol> Course: _____ College: _____ Assessment: _____ Other: _____			

C = Completed, IP = In Progress, N = Need

- Students wishing to earn an Associate Degree for Transfer (AD-T) degree will need to follow one of the following GE patterns: CSU General Education Breadth, CSU General Education Breadth for STEM, IGETC, or IGETC for STEM. Please check with your counselor to determine the correct GE pattern for the AD-T degree you wish to earn.
- Students wishing to earn an associate degree must meet with their Folsom Lake College counselor to petition for graduation. Graduation petition deadlines are:
  - **Summer:** Third friday in June
  - **Fall:** First friday in October
  - **Spring:** First friday in March
  - AD-T deadlines are usually earlier. Please check with your counselor.
- Students with coursework from other colleges must ensure that official copies of their transcripts are on file at Folsom Lake College.
- AP, IB, and CLEP test scores may be used to fulfill GE requirements. Please check with your counselor.

# Student Rights and Responsibilities

## Essential Elements of a High-Quality Education

Folsom Lake College 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 the college considers 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 they are 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 their future
- 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
- Contribute to maintaining a safe, positive college environment

The Los Rios Student Rights and Responsibilities are 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, have established policies giving students and parents of dependent students access to certain designated records. Complete copies of the Act, Education Code, and Board policies are available in the Admissions & Records offices. The primary rights afforded each student are the right to inspect and review their 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.

Los Rios Regulation R-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 Colleges Chancellor's Office website at: [www.cccco.edu](http://www.cccco.edu).

## Student Academic Rights

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

1. In preparing student publications, the editorial staff and faculty advisors shall be free from censorship and advance copy approval except as provided by published district policy, statutes, or college regulation. These publications should do the following:
  - Adhere to canons of responsible journalism, such as avoidance of libel, indecency, undocumented allegations, attacks on personal integrity, and the techniques of harassment and innuendo.
  - State on the editorial page that the opinions expressed are not necessarily those of the college or the student body.
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 college recognized student organizations shall have the right to present speakers on any subject. In addition, students shall have the right of free assembly on each campus subject to regulations that assure the regular functioning of the institution. The policies and regulations shall include reasonable provisions for the time, place, and manner of conducting these activities, but shall not prohibit the right of students to exercise free expression including, but not limited to, the use of bulletin boards, the distribution of printed materials or petitions, and the wearing of buttons, badges, and other insignia. Expression which is obscene, libelous, or slanderous according to current legal standards, or which so incites students as to create a clear and present danger of the commission of unlawful acts on college premises, or the violation of lawful district or college regulations, or the substantial disruption of the orderly operation of the college, shall be prohibited.
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 college and district regulations.

5. Students shall have the right to be informed on all college matters that can be shown to be directly relevant to them by having a voice in decision making that affects their academic future, with the exception of staff appointment, termination, and tenure. In case of conflict in determining what college matters are relevant to students, the determination will be made by a college-designated student, faculty, and administrative committee. In addition, student representatives shall be members of all faculty and administrative committees related to students' concerns; such student representatives shall have a vote as committee members.
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 Los Rios 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.

## 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
- 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 college policy.

## Student Standards of Conduct

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 Los Rios Regulation R-2441. 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):

- Continued disruptive behavior, continued willful disobedience, habitual profanity or vulgarity, or the open and persistent defiance of the authority of, or persistent abuse of, members of the college community.
- Assault, battery, or any threat of force or violence upon members of the college community.
- Willful misconduct which results in injury or death to members of the college community, or which results in cutting, defacing or other injury to any real or personal property owned by the district.
- The use, sale, or possession on campus of, or presence on campus under the influence of, any controlled substance.
- Willful or persistent smoking in any area where smoking has been prohibited by law or District Policy.
- Persistent, serious misconduct where other means of correction have failed to bring about proper conduct.

- Violation of College rules and regulations including those concerning student organizations, the use of College facilities, or the time, place and manner of public expression and distribution of materials.
- Obstruction or disruption of teaching, research, administrative disciplinary procedures or other College activities, including its community service activity, or of other authorized activities on College-controlled premises.
- Theft of or non-accidental damage to property of the college or a member of the College community while on campus or at College-sponsored events.
- Unauthorized entry to or use of College facilities.
- Dishonesty, such as cheating, plagiarism or furnishing false information to the college, forgery, alteration or misuse of College documents, records or identifications.
- Knowing possession or use of explosives, dangerous chemicals or deadly weapons on College property or at a college function without prior authorization of the College President or designated representative.
- Use, possession, distribution or being under the influence of alcoholic beverages, narcotics or dangerous drugs on college property or at College-sponsored events.
- Soliciting or assisting another to do any act which would subject a student to expulsion, suspension, probation or other discipline pursuant to this Administrative Regulation.
- Violation of any order of a College President, notice of which has been given prior to such violation, and which order is not inconsistent with any of the other provisions of this policy. This notice may be given by publication in the College newspaper, by posting on an official bulletin board designated for this purpose or by any other means reasonably calculated to inform students of its provisions.
- Attempting to commit an act that would be cause for disciplinary action identified above.

For additional information on student conduct, please contact the Student Conduct Officer, the Vice President of Student Services, at (916) 608-6653.

## 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. Students are accountable for all that they say and write. Since trust is the foundation of an intellectual community, and since student work is the basis for instructors to evaluate student performance in courses, students should not misrepresent their work nor give or receive unauthorized assistance.

### What is academic dishonesty:

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

### Plagiarism

From the Latin word “plagiarius” meaning kidnapper, plagiarism is generally the taking of words, sentences, organization, and ideas from another source without acknowledging the source(s).

Plagiarism may include:

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

### Cheating

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

Cheating may include:

- Giving or receiving unauthorized assistance during an examination
- Fabricating or altering a source of data in a laboratory or experiment

- Collaborating with others when collaboration is not permitted, or when the contributions of others are not made clear
- Using unauthorized materials or aids during an examination, including calculators, dictionaries, or information accessed via any electronic devices
- Acquiring, without permission, tests or other academic material belonging to a member of the college faculty or staff

## 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 the college community to actively support a drug- and alcohol-free learning environment by knowing and making others aware of college policies and the substantial health and legal consequences of abuse. If you or someone you know is having problems with alcohol or drugs, contact one of the agencies listed on the next page.

### District Policy

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

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

- Possession or use of alcohol: 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
	RCC (916) 361-6309
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 the indoor areas of all facilities of the district/colleges and outdoors as required by law, the Administrative Regulations, and as implemented by the colleges (Los Rios Policy P-1411.1.4).

Smoking is prohibited inside all district/college facilities. Smoking is prohibited outside of district/college facilities within thirty (30) feet of any building entrance, exit, door, operable window, and/or air intake duct. The colleges may further limit when and where smoking is permitted. Smoking is defined as inhaling, exhaling, burning, or carrying any lighted or heated cigar, cigarette, pipe, or any other lighted or heated tobacco or other product intended for inhalation in any matter or in any form. Smoking also includes the use of e-cigarettes. An e-cigarette is any oral device that provides a vapor of nicotine or any other substance for inhalation (Los Rios Regulation R-1411.2.23).

### College Directive on Smoking

In accordance with Los Rios smoking policy and regulations, Folsom Lake College and its centers are smoke, tobacco, and vapor-free. For more information, please visit the website.

For individuals interested in quitting smoking or smokeless tobacco use, free cessation services are provided at Health & Wellness Services. Additionally, contact the California Smokers' Helpline at 1 (800) NO-BUTTS or visit: [www.nobutts.org](http://www.nobutts.org).

### Computer Use Policy

- Equipment use in the lab is intended for **class assignments only**. Use of computers is closely monitored for compliance with acceptable use standards.
- Computers are available on a first-come, first-served basis.
- Food and/or drinks (including water bottles) are not allowed in the facility at any time.
- Please turn off cellular phones. Phone conversations disrupt others' study time and may affect other devices.
- Children (under the 18) are not allowed to use computer equipment unless they are current Folsom Lake College 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 college computers is prohibited.
- Playing games on college computers is prohibited except for class assignments.
- Directions from any lab assistant or instructor concerning equipment/facilities or student conduct must be followed in order to continue use of the facilities.

## Internet Use Policy

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

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

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

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

### Copyright/Piracy

Folsom Lake College supports the Higher Education Opportunity Act and Digital Millennium Copyright Act, including efforts to eliminate the illegal distribution of copyrighted material. Los Rios Policy P-8861 provides guidelines to students, faculty, and staff to assist in compliance with federal copyright laws. More information on copyright and piracy can be viewed on the website.

## Student Disciplinary Procedures and Due Process

I was referred to the Office of Student Conduct: What happens next (Los Rios Regulation R-2000)?

1. You are required to meet with the Vice President of Student Services, who serves as the Student Conduct Officer in the Office of Student Conduct. This referral means that the student alleged behavior is believed to have been a violation of the Los Rios Student Standards of Contact as outlined in the section.
2. The student will receive a certified letter notifying the student of their referral via US standard mail. In the notification, you are instructed to make an appointment for an investigative meeting with the Student Conduct Officer.
3. At this informal meeting, the Student Conduct Officer shall interview the student for the purpose of discussing the alleged misconduct and the disciplinary action, if any, which should be taken.
4. At this meeting, the parties shall have the right to present statements, testimony, evidence, and witnesses, except that neither party shall have the right to be represented by an attorney.
5. This is a mandatory meeting. If the student fails to make an appointment and/or does not attend the meeting, the Student Conduct Officer may review the case and initiate disciplinary action without input from the student.
6. After the investigative meeting, the Student Conduct Officer may initiate disciplinary action by filing a notice with the Vice President of Student Services and serving such notice on the student charged. This decision depends entirely on the information obtained during the investigation.
7. The student has the right to request an appeal to the disciplinary action with the Vice President of Student Services. No later than seven (7) days after the service of the notice of disciplinary action. A copy of the appeal form will be mailed to you along with your notice of disciplinary action.
8. After an appeal hearing, a written decision will be mailed to the student from the Office of the President within ten (10) days of the conclusion of the hearing.
9. At this point, the final decision for disciplinary action rests with the college president. The president may approve, reject, or modify the written decision. The decision of the college president for disciplinary action is final.

## Class Related Concerns

### Steps to Resolution

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

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

that are not resolved at the college or district level may be presented via resources provided by the California Community Colleges Chancellor's Office ([www.cccco.edu](http://www.cccco.edu)). Complainants are encouraged to use the official form provided by the Chancellor's office, however, that form is not required and complaints will not be considered defective or rejected if you do not use the form. In addition to complaints being filed by students or employees, complaints may be initiated by other individuals or entities, such as a family member, representative, organization, or other third party wishing to file on behalf of an individual or group alleged to have suffered unlawful discrimination or harassment (Los Rios Regulation 2423).

# Equity, Discrimination, & Harassment

## Diversity/Equity Commitment

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

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

## Los Rios Community College District Non-Discrimination Policy

It is the policy of the District to implement policies to guarantee that no qualified student or prospective student or any person having an educational relationship with the District shall be unlawfully discriminated against, harassed, or excluded from any benefits, activities, or programs on the grounds of one or more of the following actual or perceived characteristics, or due to the association with a person or group with one or more of the following actual or perceived characteristics: ethnic group identification, race, color, sex, gender, gender identity, gender expression, pregnancy or childbirth-related condition, sexual orientation, sexual identity, religion or religious creed, age (over forty), national origin, ancestry, physical or mental disability, medical condition, political affiliation or belief, military and veteran status, marital status, or conversing in a language other than English. However, students shall be required to speak English when the use of English is necessary for educational or communication purposes

Sexual harassment is a form of unlawful discrimination based on sex and is prohibited in the District/College programs and activities under Title IX of the Education Amendments of 1972, 20 USC, sections 1681 and following (Title IX).

Where evidence of unlawful discrimination, harassment, or exclusion based on any of the statuses enumerated in this District Policy is found:

- The District shall take appropriate steps to halt any unlawful discrimination, harassment, or exclusion and prevent its recurrence; and
- The District shall take appropriate steps to remedy the effects of any unlawful discrimination, harassment, or exclusion.

## Discrimination & 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

No person shall, on the grounds of any of the categories above, 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.

## Sexual Harassment or Assault

### Title IX (Sex Discrimination)

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

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

For additional information on Title IX or to report a sex discrimination claim, please contact the Title IX Coordinator, (916) 608-6688.

### Gender Harassment

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

Examples of gender harassment include the following:

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

## Sexual Harassment Policy

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

### Definition of Sexual Harassment

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

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

Sexual harassment includes, but is not limited to:

- Making unsolicited written, verbal, visual, or physical contact with sexual overtones. Some examples are: epithets, derogatory comments, or slurs of a sexual nature; impeding or blocking movements or any physical interference with normal work; derogatory posters or cartoons
- Continuing to express sexual interest after being informed that the interest is unwelcome (Reciprocal attraction is not considered sexual harassment.)
- Within the work environment, engaging in explicit or implicit coercive sexual behavior which controls, influences, or affects the career, salary, and/or work environment, or any other term or condition of employment; within the educational environment, engaging in explicit or implicit coercive sexual behavior which controls, influences, or affects the educational opportunities, grades, and/or learning environment of the student

- Making reprisals, threats of reprisal, or implied threats of reprisal following a negative response to a sexual advance. For example, within the work environment, either suggesting or actually withholding support for an appointment, promotion, or change of assignment; suggesting a poor performance report will be prepared; or suggesting probation will be failed. Within the educational environment, either suggesting or actually withholding grades earned or deserved; suggesting a poor performance evaluation will be prepared; or suggesting a scholarship recommendation or college application will be denied
- Offering favors of educational or employment benefits, such as grades or promotions, favorable performance evaluations, favorable assignments, favorable duties or shifts, recommendations, reclassifications, etc., in exchange for sexual favors

For issues regarding sexual harassment, you have the following resources available:

Los Rios Police, (916) 558-2221

Title IX Coordinator, (916) 608-6688

WEAVE Confidential Advocate, (916) 568-3011 or

WEAVEConfidentialAdvocate@losrios.edu

## Sexual Assault

Sexual assault includes, but is not limited to, rape, forced sodomy, forced oral copulation, rape by a foreign object, sexual battery, domestic violence, dating violence, stalking, or threat of sexual assault. Sexual assault is a form of sexual harassment and should be reported under the district's Discrimination and Harassment Procedures Policy and Administrative Regulation (Los Rios Policy and Regulation P-2423, R-2423).

For issues regarding sexual assault, you have the following resources available:

Los Rios Police, (916) 558-2221

Title IX Coordinator, (916) 608-6688

WEAVE Confidential Advocate, (916) 568-3011 or

WEAVEConfidentialAdvocate@losrios.edu

## Sexual Violence

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

## Consent

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

- Consent must be voluntary, and given without coercion, force, threats, or intimidation. Consent requires positive cooperation in a particular sexual act, or expression of intent to engage in that sexual act through the exercise of free will.
- Consent can be withdrawn or revoked. Consent to one form of sexual activity (or one sexual act) does not constitute consent to other forms of sexual activity (or other sexual acts). Consent to sexual activity given on one occasion does not constitute consent to sexual activity on another occasion. The fact that two people are, or were in, a dating or sexual relationship does not constitute consent to engage in sexual activity. There must always be mutual and affirmative consent to engage in sexual activity. Consent to a sexual act may be withdrawn or revoked at any time, including after penetration. The victim's request for the perpetrator to use a condom or birth control does not, in and of itself, constitute consent. Once consent is withdrawn or revoked, the sexual activity must stop immediately.
- Consent cannot be given by a person who is incapacitated. For example, a person cannot give consent if she/he is unconscious or coming in and out of consciousness. A person is incapacitated if she/he lacks the physical and/or mental ability to make informed, rational judgments. Examples of incapacitation include unconsciousness, sleep, and blackouts. Whether an intoxicated person (as a result of using alcohol or other drugs) is incapacitated depends on the extent to which the alcohol or other drugs impact the person's decision-making capacity, awareness of consequences, and ability to make fully informed judgments. A person with a medical or mental disability may also lack the capacity to give consent.
- Being intoxicated by drugs or alcohol does not diminish a person's responsibility to obtain consent from the other party before engaging in sexual activity. Factors to be considered include whether the person knew, or whether a reasonable person in the accused's position should have known, that the victim did not give, or revoked, consent; was incapacitated; or was otherwise incapable of giving consent.
- Sexual intercourse with a minor is never consensual when the victim is under 18 years old, because the victim is considered incapable of giving legal consent due to age.



**Domestic violence** is a form of sexual violence and is abuse committed against someone who is a current or former spouse, current or former cohabitant, someone with whom the abuser has a child, someone with whom the abuser has or had a dating or engagement relationship, or a person similarly situated under California domestic or family violence law. Cohabitant means two unrelated persons living together for a substantial period of time, resulting in some permanency of relationship. Factors that may determine whether persons are cohabiting include, but are not limited to, (1) sexual relations between the parties while sharing the same living quarters, (2) sharing of income or expenses, (3) joint use or ownership of property, (4) whether the parties hold themselves out as husband and wife, (5) the continuity of the relationship, and (6) the length of the relationship.

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

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

## 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 Section 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.

### 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.

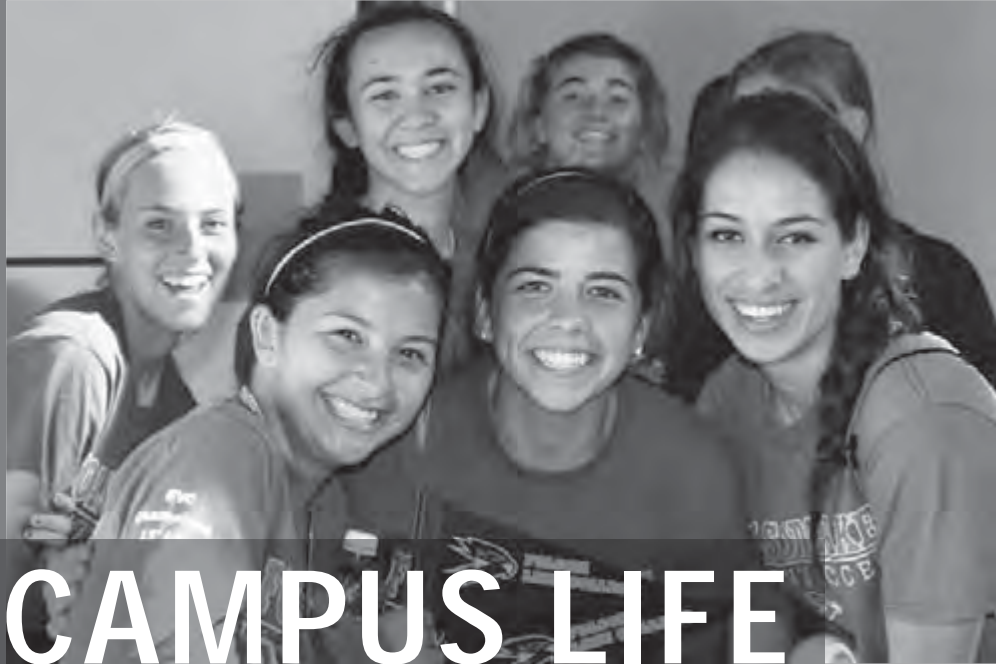
**Discrimination and Harassment****Complaint Procedures**

Information on student concerns or complaints (including, but not limited to, equity, sexual harassment, Title IX, 504, ADA) may be viewed on the college website. In addition to complaints being filed by students or employees, complaints may be initiated by other individuals or entities, such as a family member, representative, organization, or other third party wishing to file on behalf of an individual or group alleged to have suffered unlawful discrimination or harassment. The Los Rios district has an official Unlawful Discrimination Complaint form online at: [www.losrios.edu](http://www.losrios.edu). However, while complainants should be encouraged to use the form, the form is not required and complaints shall not be considered defective or rejected based on the failure to file the complaint on the form.

Any individual or group who believes unlawful discrimination or harassment has been suffered is encouraged to follow the complaint procedures as set forth in Los Rios Regulation R-2423. Throughout the complaint procedures process, the college president and the college/district equity officers will take all reasonable steps to ensure confidentiality is maintained, prevent retaliation and take action if it occurs, and insure 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 discrimination or harassment is brought solely for the purpose of vexation, the appropriate disciplinary action will be taken. Copies of the Los Rios Discrimination Complaint policy and procedures and forms are also available from the Equity Officer, (916) 608-6752.



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# CAMPUS LIFE



# Office of Student Life

## Office of Student Life

**(916) 608-6603**

The Office of Student Life, located at the Main Folsom campus in Falcon's Roost FR-113, offers a variety of ways for students to become involved.

The Office of Student Life will provide assistance and information to campus clubs and groups on event planning, publicity, and fundraising. The Office of Student Life also provides information to students who are interested in becoming involved with the Associated Students of Folsom Lake College (ASFLC) or serving on college committees.

## Associated Students of Folsom Lake College (ASFLC)

**(916) 608-6591**

Associated Students of Folsom Lake College (ASFLC) is the college's official student association. 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 campuses; 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 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 GPA of at least 2.0 are eligible to serve as ASFLC officers, either on the Student Senate or the Clubs and Events Board.

For more information, call the number above or go to the website.

Students can serve in ASFLC leadership through:

### Student Senate

Members of the Student Senate advocate for students' rights and interests and work to influence change, voice student opinion, and are actively involved in participatory governance.

## Clubs and Events Board (CAEB)

Members of the Clubs and Events Board promote club activities on campus and charter clubs, plan activities, and coordinate events.

## Clubs

**(916) 608-6591**

Clubs offer diversified social and academic 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.

Some of the Folsom Lake College clubs include:

- Cast of Falcons: Theatre Club
- Circle K International
- Dance Club: MOSAIC
- ECO Club
- EDC Student Activities Club
- Feminist Alliance
- FLC Data Science Club
- LatinX Club
- Math & Engineering Club
- Newspaper Club
- Phi Theta Kappa (Honor Society)
- Pre-Health Professional Alliance
- Queer-Straight Alliance

## Student Ambassador Program

**(916) 608-6591**

Student Ambassadors represent the college at community events and assist new and prospective students. Services provided by Student Ambassadors include assisting with new student group academic planning sessions, registration, campus tours, and resource navigation. Ambassadors gain valuable leadership experience while benefiting from the many incentives this program has to offer.

# Athletics



**Athletics**  
**(916) 608-6687**  
**www.flcfalcons.com**

Folsom Lake College has a state-of-the-art athletics and physical education complex featuring nine tennis courts, an all-weather track, a turf soccer field, a cross country course, a softball stadium, a baseball stadium, and a spectator and practice gymnasium. Folsom Lake College currently offers opportunities for students to compete in men's and women's tennis, men's golf, men's and women's soccer, men's baseball, women's fast pitch softball, men's and women's basketball, and women's volleyball. All teams compete in the Big 8 Conference.

Folsom Lake College intercollegiate athletics 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 Big 8 Conference, and Folsom Lake College's vision, mission, and equity statements.

If you are interested in participating in intercollegiate athletics at Folsom Lake College, please go to: [www.flcfalcons.com](http://www.flcfalcons.com) and fill out a recruiting form under the "Prospective Student Athlete" tab. You can also contact the Athletic Coordinator at (916) 608-6812 for additional information.

## Becoming a Falcon

Interested in participating in an intercollegiate sport at Folsom Lake College? Follow the steps below:

1. Contact the coach of the sport you would like to play, and provide a brief history of your experience and accomplishments within that sport. The coach will inform you of which classes (if applicable) you may

need to register for as a requirement to participate in that sport. Visit Folsom Lake College's Athletics webpage to find contact information for our coaches: [www.flcfalcons.com](http://www.flcfalcons.com).

2. Attend the New Student Orientation or Student Athlete Orientation for all new, incoming college students.
3. Complete your assessment tests for math and English classes. Be sure to study for the assessments; preparation increases your chances of placing into higher levels of math and English courses, which will save you both time and money in tuition and other related costs.
4. Attend an Academic Planning Session to select classes for the first semester on your Student Education Plan (SEP). Academic Planning Sessions for student athletes are available in the spring for students enrolling in the summer/fall; contact the Counseling office to register for a Student Athletes Academic Planning Session at (916) 608-6510. (If enrolling in spring semester, register for a general Academic Planning Session.)
5. Meet with the Athletic Counselor to get help picking out classes, discuss eligibility requirements and expectations of student athletes, and to make sure that you are on track as a new student. Contact the Athletics office to schedule an appointment with the Athletic Counselor at (916) 608-6687. Note: Contact the Athletic Counselor AFTER attending the Academic Planning Session.
6. Register for classes through your eServices account.
7. Pay for classes immediately after registering to avoid being dropped from classes and losing eligibility to participate in athletics.
8. Check your eServices and Los Rios Gmail frequently for important communications from the Athletics department and other school-related emails.
9. Follow up with the coach and Athletic Counselor for next steps and additional information on becoming a student athlete.
10. Visit the Student Athlete Success Center (SASC) at the Main Folsom campus in Physical Education PE-112 to take advantage of free services designed to help student athletes grow academically. SASC is a collaborative study environment that offers tutoring in math, science, and writing skills.

# Harris Center for the Arts

## Harris Center for the Arts

Ticket Office (916) 608-6888

[www.harriscenter.net](http://www.harriscenter.net)

Folsom Lake College is home to the renowned regional visual and performing arts center, the Harris Center for the Arts. The Harris Center for the Arts seeks to enrich the lives of people throughout California's capital region by providing venues and opportunities to experience artistic work, celebrate cultural traditions, and participate in the creative process.



Main Entrance to the Harris Center for the Arts

It does this through operation of a 80,000 square foot regional arts center opened in 2011, and an evolving array of vibrant programs geared for people of all ages and backgrounds. Among these,

- Presentations bring artists from around the world to the Center to perform and share
- Partnerships make the Center a home for local artists and arts organizations
- Productions are work created and/or developed on site.

This unique partnership allows students in FLC's instructional programs to train with acclaimed International and local artists in a state-of-the-art facility.

## Falcon's Eye Theatre

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

Falcon's Eye Theatre is the production arm of the Department of Theatre and Cinema at Folsom Lake College. Falcon's Eye produced its first season of plays in 2007, and has been offering two productions each year ever since. The company is known for creating provocative theatre that looks into what it means to be alive and how

we manage to live together. Students and community members are encouraged to audition for the productions and serve as on-stage or technical talent.

## MOSAIC Dance Company

Folsom Lake College's MOSAIC Dance Company performs a variety of dance styles including ballet, jazz, tap, hip-hop, lyrical, contemporary, African dance, and theatrical dance styles. The name derives from the group representation of a MOSAIC of diverse people, with different bodies, colors, shapes and sizes, ethnicities, religious affiliations, and ideological positionings... a MOSAIC not just of dance, but of life! Each semester is capped off with the its signature "Evening of Dance" event featuring an all-student cast. Since 2007, FLC's dance program has trained MOSAIC dancers who have had the opportunity to tour to places such as Hawaii, New York, and Los Angeles as performers.

## Music

Folsom Lake College music ensembles, solo performance studies, and creative music studies provide students with the opportunity to develop performance skills by the study of music through performance with a capstone experience in public performance. Students have the opportunity to join the 85-member strong college choir or instrumental ensembles ranging from jazz fusion to Afro Caribbean Funk to traditional orchestras. Additional classes in commercial music performance and technology introduce students to the latest developments in the field.

## Visual Arts

FLC's Visual Arts department seeks to give every student a solid foundation of concepts and skills that will lead to an open exploration of the historic, aesthetic, fine, and applied aspects of the visual arts. Visual arts students are instructed in a wide range of styles, techniques, and approaches supported by FLC visual arts faculty. Each spring, students have the opportunity of a public exhibition with the FLC Student Art Show held in the Harris Center's Bank of America Gallery.



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# PREPARING TO TRANSFER



# 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 records 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, 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 colleges and universities, including:

- University of California:
  - UC Davis
  - UC Irvine
  - UC Merced
  - UC Riverside
  - UC Santa Barbara
  - UC Santa Cruz
- California Private Colleges:
  - Golden Gate University
  - St. Mary's University
  - University of the Pacific
- Out of State Colleges:
  - Arizona State University
- Historically Black Colleges and Universities (HBCUs):
  - Bennett College
  - Behune-Cookman University
  - Central State University
  - Clark Atlanta University
  - Dillard University
  - Edward Waters College
  - Fisk University
  - Florida Memorial University
  - Grambling State University
  - Huston-Tillotson University
  - Kentucky State University
  - Lane College
  - Lincoln University of Missouri
  - Lincoln University of Pennsylvania
  - Philander Smith College

Stillman College  
Talladega College  
Tougaloo College  
Tuskegee College  
W. Virginia State University  
Wiley College

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 (CSU)

### 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 (refer to CSU General Education Requirements):

- Complete Area A, sections 1, 2, and 3 (C grade or better for each course)
- Complete Area B, section 4 (C grade or better)
- Complete a minimum of 30 semester units of general education with a 2.0 grade point average. This includes items 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 requirements and graduation requirements. Lower-division major requirements can be obtained from ASSIST ([www.assist.org](http://www.assist.org)), the official state-wide repository for transfer and course articulation information.



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

## Transfer to University of California (UC)

### 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 average (2.0 GPA) 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 (2.0 GPA) 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 average (2.0 GPA) in all transferable college coursework completed.

Students who did not meet the scholarship requirement must:

- A. Complete 60 semester units of UC transferable college credit with a grade point average of at least 2.4 for California residents, 2.8 for non-residents
- 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
  - One transferable college course (3 semester units) in mathematical concepts and quantitative reasoning
  - 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, or the physical and biological sciences

Note: 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 Career & Transfer Center. Students are urged to contact their counselor for additional information.

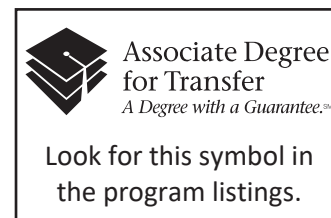
### Associate Degrees for Transfer (AD-T)

California community colleges offer associate degrees for transfer to the California State University (CSU) system. These may include associate of arts for transfer (AA-T) or associate of science for transfer (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 at a CSU campus.

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

- Administration of Justice
- Art History
- Biology
- Business Administration
- Communication Studies
- Early Childhood Education
- Economics



- English
- Geography
- Geology
- Kinesiology
- Mathematics
- Nutrition
- Philosophy
- Physics
- Political Science
- Psychology
- Public Health Science
- Sociology
- Studio Art
- Theatre Arts

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. Completion of 60 semester units or 90 quarter CSU transferable units, including both of the following.
  - A. One of the following GE patterns - Check with your counselor to determine the appropriate pattern of the degree you are pursuing.
    - a. The CSU Intersegmental General Education Transfer Curriculum (IGETC)
    - b. The CSU Intersegmental General Education Transfer Curriculum (IGETC) for STEM
    - c. The California State University General Education Certification pattern
    - d. The California State University General Education Certification pattern for STEM
  - B. A minimum of 18 semester or 27 quarter units in a major or area of emphasis, as determined by the college
2. Obtainment of a minimum grade point average of 2.0 in 60 CSU transferable units. AD-T degrees also require that students must earn a C or better in all courses used in the major or area of emphasis. Pass grades can be used from colleges where Pass denotes a C or better.

# 2017-2018 CSU General Education Requirements

**Please Note: The 2018-2019 CSU GE pattern was not available in time to be included in the publication of this catalog. See your counselor for the updated pattern.**

<p>FLC may certify a total of 39 units of lower division general education. Students are encouraged to complete lower division major requirements as part of their 60 units required for transfer. These requirements can be found at <a href="http://www.assist.org">www.assist.org</a>. It is important to meet with a counselor in selecting courses to determine the most appropriate courses to take depending on transfer institution and major. Students should request certification of their CSU GE prior to transfer. Courses listed in more than one area can only be used in one area for certification except courses listed in area B.</p>					
<b>A. English Language Communication &amp; Critical Thinking:</b> 9 units minimum, 1 course from each area			C	IP	N
A1	<i>Oral Communication:</i> COMM 301, 311, 331, 361 Course: _____ College: _____				
A2	<i>Written Communication:</i> ENGWR 300 Course: _____ College: _____ AP: _____				
A3	<i>Critical Thinking:</i> COMM 311, 315; ENGRD 310; ENGWR 301, 302; PHIL 300, 320, 325, 328 Course: _____ College: _____				
<b>B. Scientific Inquiry &amp; Quantitative Reasoning:</b> 9 units minimum. 1 course from each area. Courses used in area B3 may also be used in areas B1 or B2 where appropriate. Related lecture course must be completed prior to or concurrently with lab.					
B1	<i>Physical Science:</i> ASTR 300; CHEM 305, 306, 400, 401, 410, 420, 421; GEOG 300, 306; GEOL 300, 305, 310, 330, 345; PHYS 310, 311, 350, 360, 411, 421, 431; PS 302 Course: _____ College: _____ AP/IB/CLEP: _____				
B2	<i>Life Science:</i> ANTH 300; BIOL 300, 307, 310, 323, 350, 400, 410, 420, 430, 431, 440, 442; ENVT 304; PSYC 312 Course: _____ College: _____ AP/IB/CLEP: _____				
B3	<i>Lab:</i> ANTH 301; ASTR 400; BIOL 307, 310, 323, 400, 410, 420, 430, 431, 440, 442; CHEM 305, 306, 400, 401, 410, 420, 421; GEOG 301; GEOL 301, 306, 311; PHYS 350, 360, 411, 421, 431; PS 302; PSYC 312 Course: _____ College: _____ AP: _____				
B4	<i>Quantitative Reasoning:</i> MATH 310, 335, 341, 343, 370, 400, 401, 402, 410, 420; PSYC 330; STAT 300 Course: _____ College: _____ AP/IB/CLEP: _____				
<b>C. Arts &amp; Humanities:</b> 9 units minimum. One course from Arts, one from Humanities plus one from either Arts or Humanities					
C1	<i>ARTS:</i> ART 300, 302, 304, 305, 312, 320, 323, 327, 328, 370, 372, 430; ARTH 300, 303, 304, 306, 307, 309, 311, 312, 313, 314, 318, 324, 326, 328, 330, 332, 333; COMM 305; DANCE 380; MUFHL 300, 308, 310, 311, 321, 330, 400, 401, 410; MUIVI 310, 311, 370, 371; MUP 350, 357; TA 300, 302, 303, 304, 310, 314, 315 Course: _____ College: _____ AP/IB/CLEP: _____				
C2	<i>Humanities:</i> ENGCW 400, 410; ENGLT 303, 310, 311, 313, 319, 320, 321, 330, 339, 340, 341, 345, 360, 370, 402; ENGWR 301; FREN 401, 402, 411, 412; HIST 307, 308; HUM 300, 310, 320, 325, 332, 370; MUFHL 308; PHIL 300, 310, 330, 331, 350, 352; SILA 315, 316; SPAN 401, 402, 411, 412 Course: _____ College: _____ AP/IB/CLEP: _____				
	Choose one course from C1 or C2 Course: _____ College: _____ AP/IB/CLEP: _____				
<b>D. Social Sciences:</b> – 9 units minimum – 3 courses from at least 2 different subject areas					
D	<i>Social Sciences:</i> one course from the following: ADMJ 300, 302^^, 320; ANTH 310, 319, 320, 330; BUS 330, 345; COMM 325^^, 341, 351, 363; ECE 312, 314; ECON 302, 304; GEOG 310, 322; GERON 300; HIST 307, 308, 312, 313, 314, 319, 331, 344; HSER 331; JOUR 310; NUTRI 310; POLS 301, 302, 310, 320; PSYC 300, 312, 320, 335, 340, 356, 368^^, 370, 372; SOC 300, 301, 310, 321^^, 379 Course: _____ College: _____ AP/IB/CLEP: _____  Course: _____ College: _____ AP/IB/CLEP: _____  Course: _____ College: _____ AP/IB/CLEP: _____				
<b>E. Lifelong Understanding &amp; Self Development:</b> 3 units minimum					
E	<i>Lifelong Learning &amp; Self Development:</i> COMM 321; ECE 312, 314; ENGED 320; GERON 300; HEED 300, 351; HCD 310; HSER 302, 340; KINES 300; NUTRI 300, 302; Physical Education Activity (not more than one unit of PE activity may count in Area E); PSYC 340, 356, 360, 370, 372; SOC 310 Course: _____ College: _____ CLEP/DD214: _____				
<b>F. US History, Constitution and American Ideals (This is a CSU graduation requirement and not a part of CSU Certification)</b>					
F	Choose one two-course combination from Group 1 or Group 2 <b>Group 1:</b> One course from HIST 312, 313, or 331 paired with POLS 301 OR <b>Group 2:</b> HIST 312 paired with HIST 313 These courses can also be used in area D for CSU GE certification purposes.				

Courses marked with ^^meet CSUS Race and Ethnicity requirement.

# 2017-2018 Intersegmental General Education Transfer Curriculum (IGETC)

**Please Note: The 2018-2019 IGETC pattern was not available in time to be included in the publication of this catalog. See your counselor for the updated pattern.**

Completion of the IGETC permits a student to transfer from a California Community College to a CSU or UC campus without the need, after transfer, to take additional lower division 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 except in Area 5. 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](http://www.assist.org) for major preparation course work required.

	Area 1: English Communication. CSU 3 Courses required- 1 from each area. UC: 2 courses required – one each from Group A & B: 6 – 9 semester units, 8 – 12 quarter units minimum	C	IP	N
1A	English Composition: <b>ENGWR 300</b> Course: _____ College: _____ AP: _____			
1B	Critical Thinking-English Composition: <b>COMM 315, ENGWR 301, 302; PHIL 328</b> Course: _____ College: _____			
1C	Oral Communication (CSU requirement only): <b>COMM Studies 301, 311, 331*, 361*</b> Course: _____ College: _____			
<b>Area 2A-Mathematical Concepts &amp; Quantitative Reasoning – 1 course required, 3 semester/4 quarter units</b>				
2A	<b>MATH 341, 370, 400*, 401*, 402; PSYC 330*; STAT 300*</b> Course: _____ College: _____ AP/IB: _____			
<b>Area 3 – Arts &amp; Humanities (at least 3 courses with at least one from Arts and one from Humanities) 9 semester/ 12 quarter units minimum</b>				
3A	Arts: <b>ARTH 300, 303, 304, 306, 307, 309, 311, 312, 313, 314, 318, 324, 326, 328, 330, 332, 333; COMM 305; DANCE 380; MUFHL 300*, 308, 310, 311, 321*, 330*, 400, 401, 410; TA 300, 302, 303, 304, 310, 314, 315</b> Course: _____ College: _____ AP/IB: _____			
3B	HUMANITIES: <b>ENGLT 303, 310, 311, 313, 319, 320, 321, 330, 339, 340, 341, 345, 360, 402; FREN 411, 412; HIST 307, 308; HUM 300, 310, 320, 325, 332, 370; PHIL 300, 310, 330, 331, 350, 352; SILA 316; SPAN 411, 412</b> Course: _____ College: _____ AP/IB: _____			
	3A or 3B: Course _____ College: _____ AP/IB: _____			
<b>Area 4 – Social and Behavioral Sciences (At least 3 courses from at least 2 academic disciplines ) 9 semester/12 quarter units minimum</b>				
4	(4A-4J) Social and Behavioral Sciences: <b>ADMJ 300, 302; ANTH 310, 320, 330; BUS 345; COMM 325^^, 351, 363; ECON 302, 304; ECE 312*; GEOG 310, 322; HIST 307, 308, 312, 313, 314, 319, 331, 344; HSER 331; JOUR 310; NUTRI 310; POLS 301, 302, 310, 320; PSYC 300, 320, 340, 356, 360, 368^^, 370* 372*; SOC 300, 301, 310, 321^^</b> Course: _____ College: _____ AP/IB: _____ Course: _____ College: _____ AP/IB: _____ Course: _____ College: _____ AB/IB: _____  ^^Indicates courses that satisfy CSUS' Race and Ethnicity Graduation Requirement			
<b>Area 5 – Physical &amp; Biological Sciences (At least 2 courses, with 1 from the Physical Science and 1 from the Biological Sciences, at least one of the 2 courses must include a lab – lecture course must be completed prior to or concurrently with lab) 7 semester/9 quarter units minimum – courses used in area 5C and also be used in 5A or 5B.</b>				
5A	Physical Science: <b>ASTR 300, CHEM 305*, 306*, 400*, 401*, 420, 421; GEOG 300, 306; GEOL 300, 305*, 310, 330, 345; PHYS 310*, 311*, 350*, 360*, 411*, 421*, 431*; PS 302*;</b> Course: _____ College: _____ AP/IB: _____			
5B	Biological Science: <b>ANTH 300; BIOL 300*, 307*, 310*, 323, 350, 400, 410, 420, 430, 431, 440, 442; ENVT 304; PSYC 312;</b> Course: _____ College: _____ AP/IB: _____			
5c	Lab: <b>ANTH 301; ASTR 400; BIOL 307*; 310*, 323, 400, 410, 420, 430, 431, 440, 442; CHEM 305*, 306*, 400*, 401*, 420, 421; GEOG 301; GEOL 301; 306*, 311; PHYS 350*, 360*, 411*, 421*, 431*; PS 302*; PSYC 312;</b> Course: _____ College: _____ AP/IB: _____			
<b>Area 6 – Language Other Than English (UC requirement only – proficiency equivalent to 2 years of high school study in the same language)</b>				
6	<b>FREN 401, 402, 411, 412; SILA 305, 306, 315, 316; SPAN 401, 402, 411, 412</b> Course: _____ College: _____ HS: _____ Test: _____ Other: _____			
<b>CSU Graduation Requirement in US History, Constitution &amp; American Ideals (not part of IGETC) May be completed prior to transfer – 6 units – choose from one group below:</b> <b>Group 1: POLS 301 plus one of the following: HIST 312, 313, 331</b> <b>GROUP 2: HIST 312 paired with HIST 313</b>				

Courses marked with an \* have UC credit limitations – see a counselor for information



FOLSOM LAKE COLLEGE  
EL DORADO CENTER | RANCHO CORDOVA CENTER



# ACADEMIC PROGRAMS OF STUDY



# Folsom Lake College Degrees & Certificates

Folsom Lake College offers over 85 degree and certificate options. Requirements are identified for each career and general education program. Program requirements must be completed to earn the desired degree or certificate, regardless of the order of completion. Visit with a counselor to make your education plan!

Find out more at: [www.flc.losrios.edu](http://www.flc.losrios.edu)

## TOTALS:

- ◆ Certificate of Recognition (CR): 10
- Certificate of Achievement (CA): 30
- Associate of Science Degree (AS): 6
- ▲ Associate of Arts Degree (AA): 21
- ★ Associate Degree for Transfer (AD-T): 21

### ACCOUNTING

- ▲ ■ Accounting
- Accounting, Computer Applications

### ADMINISTRATION OF JUSTICE

- ▲ ★ Administration of Justice

### ART

- ▲ ★ Art History
- Clay Arts
- ▲ ★ Studio Art

### BIOLOGY

- ★ Biology
- Biological Sciences
- Biological Sciences, Pre-Nursing

### BUSINESS

- ★ Business Administration
- ▲ Business: General
- ▲ Business: General Transfer
- International Entrepreneurship/Global Exporting
- Office Technician
- ▲ ■ Small Business Management/Entrepreneurship

### COMMUNICATION STUDIES

- ◆ Applied Communication Skills
- ★ Communication Studies

### COMPUTER INFORMATION SCIENCE

- Computer Science
- Computer Programmer - SQL
- Computer Programming
- ◆ Database Analyst - SQL
- Information Technology\*
- Mobile Programming
- Relational Database Administration

### DANCE

- ▲ Dance Studies

### EARLY CHILDHOOD EDUCATION

- ◆ ECE - Assistant Teacher
- ◆ ECE - Associate Teacher
- ▲ ★ Early Childhood Education
- Early Childhood Education Teacher
- ▲ ■ ECE - Site Supervisor
- ECE - Infant Specialist

### EARLY CHILDHOOD EDUCATION (CONT.)

- ECE - Master Teacher
- ECE - School Age Specialist

### ECONOMICS

- ★ Economics

### EDUCATION

- ▲ Liberal Studies for Elementary Education

### EMERGENCY MEDICAL TECHNOLOGY

- Emergency Medical Studies

### ENGLISH

- ▲ ★ English

### ENVIRONMENTAL TECHNOLOGY

- Water/Wastewater Management

### GENERAL EDUCATION

- CSU General Education
- IGETC

### GEOGRAPHY

- Geographic Information Systems
- ★ Geography

### GEOLOGY

- ★ Geology

### GERONTOLOGY

- ▲ ■ Social Work/Human Services, Gerontology

### HEALTH EDUCATION

- ★ Public Health Science

### IMAGING

- Computer Tomography
- Magnetic Resonance Imaging
- Vascular-Interventional Radiography\*

### INTERDISCIPLINARY STUDIES

- ▲ Art and Humanities
- ▲ Communication and English
- Heritage Interpretation
- ▲ Math and Science
- ▲ Pre-Law
- ▲ Social and Behavioral Sciences
- ▲ Women's Studies

### KINESIOLOGY/ATHLETICS

- ★ Kinesiology

### MANAGEMENT

- Public Management/Civil Service

### MATHEMATICS

- ★ Mathematics

### MEDICAL TECHNOLOGY

- Medical Laboratory Technician

### MODERN MAKING

- ◆ Digital Fabrication
- Modern Making\*
- ◆ Physical Computing and the Internet of Things

### MUSIC

- ◆ Commercial Music: Live Sound Technician
- ◆ Commercial Music: Music Entrepreneurship

### NUTRITION

- ★ Nutrition and Dietetics

### PHILOSOPHY

- ★ Philosophy

### PHYSICS

- ★ Physics

### POLITICAL SCIENCE

- ★ Political Science

### PROJECT MANAGEMENT

- Project Management

### PSYCHOLOGY

- ▲ ★ Psychology

### REAL ESTATE

- ◆ Real Estate Sales

### SOCIAL WORK/HUMAN SERVICES

- ▲ ■ Social Work/Human Services - General
- ◆ Social Work/Human Services - Home Caregiver

### SOCIOLOGY

- ★ Sociology

### THEATRE

- ★ Theatre Arts
- Theatre Arts, Technical

\*Pending CCCC approval.

# 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.

<b>Number</b>	<b>Course Type</b>
<b>1-99</b>	Credit courses that are considered developmental or basic skills and are not acceptable for the associate degree or transfer credit
<b>100-299</b>	Applicable to an associate degree, but not transferable to a four-year institution
<b>300-499</b>	Articulated for transfer with four-year institutions and are intended to meet major, general education, or elective credit requirements

**Transfer Credit** – Courses accepted for transfer by the University of California (UC) and/or California State University (CSU) systems 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 CSU campuses. 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](http://www.assist.org) to confirm how each college’s course will be accepted for a) majors at CSU and UC campuses, b) CSU general education requirements, and c) IGETC general education requirements. Please check with counselors on how your courses meet requirements at private and out-of-state colleges and universities.

An up-to-date listing of Folsom Lake College C-ID approved courses can be accessed at: [www.c-id.net](http://www.c-id.net).

## 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 ENGWR 301, you must already have completed ENGWR 300 with a grade of C or better.
- **Corequisite:** A course that a student is required to take the same semester as another course, or prior to another course. For example, GEOL 300 needs to be taken with GEOL 301 or prior to taking GEOL 301.
- **Advisory:** 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.

### 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 they 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 prior, 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 in all instructional area deans' offices, in the Admissions & Records office, and online.

**Criteria for challenging a course**

- You have completed a course at a college outside of Los Rios which meets the prerequisite requirement.
- 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 (5) working days of 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 Prerequisite Process -  
MATH and English (ENGWR, ENGED, ENGCW) courses**

The prerequisite for all MATH and ENGWR, ENGED, ENGCW courses must be cleared prior to enrollment. See a counselor or the website for prerequisite equivalencies. Do not delay your enrollment! Students should start this process well in advance of registration.

You are automatically cleared to enroll in a mathematics or English class if:

- You are currently enrolled in the appropriate prerequisite course at a Los Rios college (you must earn a C or better grade or you will be automatically dropped from the higher level course before the new semester begins).
- You have completed and passed the appropriate prerequisite course at a Los Rios college.
- You have taken a Los Rios assessment test and been placed into the math or English course you want to add.

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

- If your prerequisite course/external college is on the approval list (view lists online). Official transcripts along with an English or math Prerequisite Clearance Form must be submitted to the Admissions & Records office. Please Note: In-progress coursework cannot be used.
- If verified through an official transcript, the external course will be posted as transfer credit on your unofficial Los Rios transcript, which will clear enrollment for math courses.
- If you did not find your course on the list, but believe you have the knowledge or ability to succeed in an English or math course through other college/university coursework (or other credentials), then you may challenge the prerequisite. Follow the guidelines set forth regarding the prerequisite challenge process in this section and submit form to English or Math department. If approved, the department will clear you to enroll.

**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.



# Course Prefixes

## A

ACCT	Accounting
ADMJ	Administration of Justice
AH	Allied Health
ANTH	Anthropology
ART	Art
ARTH	Art History
ASTR	Astronomy

## B

BIOL	Biology
BUS	Business
BUSTEC	Business Technology

## C

CHEM	Chemistry
CISA	Computer Information Sciences - Applications
CISC	Computer Information Sciences - Core
CISN	Computer Information Sciences - Network
CISP	Computer Information Sciences - Programming
CISW	Computer Information Sciences - Web
COMM	Communication Studies

## D

DANCE	Dance
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## E

ECE	Early Childhood Education
ECON	Economics
EMT	Emergency Medical Technology
ENG CW	English - Creative Writing
ENG ED	English - Education
ENGL B	English - Laboratory
ENGL T	English - Literature
ENGR	Engineering
ENGR D	English - Reading
ENGR W	English - Writing
ENVT	Environmental Technology
ESL	English as a Second Language
ESL G	English as a Second Language - Grammar
ESL L	English as a Second Language - Listening
ESL P	English as a Second Language - Pronunciation
ESL R	English as a Second Language - Reading
ESL W	English as a Second Language - Writing

## F

FITNS	Fitness
FREN	French

## G

GEOG	Geography
GEOL	Geology
GERON	Gerontology

## H

HCD	Human/Career Development
HEED	Health Education
HIST	History
HORT	Horticulture
HUM	Humanities

## I

IMAGE	Imaging
INDIS	Interdisciplinary Studies

## J

JOUR	Journalism
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## K

KINES	Kinesiology
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## L

LIBR	Library
LTAT	Learning, Tutoring, and Academic Technology

## M

MAKR	Modern Making
MATH	Mathematics
MEDTEC	Medical Technology
MGMT	Management
MKT	Marketing
MUFHL	Music - History & Literature
MUIVI	Music - Instrumental/Voice Instruction
MUP	Music - Performance
MUSM	Music - Specialization in Music

## N

NATR	Natural Resources
NUTRI	Nutrition

## P

PACT	Personal Activities
PHIL	Philosophy
PHOTO	Photography
PHYS	Physics
POLS	Political Science
PRJMGT	Project Management
PS	Physical Science
PSYC	Psychology

## Course Prefixes (continued)

<b>R</b>		<b>T</b>	
RE	Real Estate	TA	Theatre Arts
		TAP	Theatre Arts Performance
<b>S</b>		TMACT	Team Activities
SILA	Sign Language Studies		
SGVT	Student Government	<b>V</b>	
SOC	Sociology	VITI	Viticulture
SPAN	Spanish		
SPORT	Sports	<b>W</b>	
STAT	Statistics	WEXP	Work Experience
SWHS	Social Work/Human Services		

# Accounting

**Dean**  
 Brian Robinson  
 (916) 361-6330  
 RCC, RCC1-144

**Department Chair**  
 C.D. Vickrey  
 (916) 361-6327  
 RCC, RCC1-146

**DEGREE**

AA — Accounting

**CERTIFICATES OF ACHIEVEMENT**

Accounting  
 Accounting, Computer Applications

**Description**

The Folsom Lake College accounting curriculum provides training for entry-level employment in private industry or in government accounting. Study is also available for self-employment as a provider of computer-based bookkeeping and/or tax services. 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	Insurance Employment
Accounting Technician	Revenue Agent (FTB/IRS)
Accountant Trainee	Tax Preparer
Auditor	Bookkeeper for:
Bank Employee/Examiner	Accounts Receivable
Certified Public Accountant	Accounts Payable
Cost Accountant	General Ledger
	Full-Charge Bookkeeper

*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, and field trips to accounting offices
- A lab with tutorial assistance

**DEGREE**

**AA — Accounting**

<u>REQUIRED PROGRAM</u>	<u>Units</u>
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 307.1 Intro to Keyboarding/Application.....	2
ECON 302 Principles of Macroeconomics (3)	
or BUS 320 Concepts of Personal Finance (3)	
or ECON 320 Concepts of Personal Finance (3) .....	3
MKT 300 Principles of Marketing (3)	
or MGMT 362 Techniques of Management (3).....	3
<b>TOTAL UNITS REQUIRED .....</b>	<b>45</b>

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
<b>TOTAL UNITS REQUIRED .....</b>	<b>19</b>

*For Gainful Employment Info and Opportunities:*  
[www.losrios.edu/gainful-emp-info/gedt.php?major=041001C01](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, 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
BUSTEC 102 Computer Keyboarding 10-Key.....	1
BUSTEC 363 Introduction to Electronic Spreadsheets.....	1
BUSTEC 364 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 Intro to Computer Info Science (3) .....	1-3
<b>TOTAL UNITS REQUIRED .....</b>	<b>19-21</b>

*For Gainful Employment Info and Opportunities:*  
[www.losrios.edu/gainful-emp-info/gedt.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.

### 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.

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## 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. Students must purchase (or have in their possession) a financial calculator for this course.

### 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. Students must purchase (or have in their possession) a financial calculator for this course.

### 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 is a study of the planning, evidence gathering, internal control review, sampling, and application of procedures used to audit assets, liabilities, equity and related income statement accounts of a company. The course also covers professional ethics, legal liabilities of CPAs, and auditors' reports.

### ACCT 111

#### Cost Accounting 3 Units

*Prerequisite: ACCT 311 with a grade of "C" or better.*

*Hours: 54 hours LEC*

This course is a continuation of the study of managerial accounting with an emphasis on cost accounting systems. Special attention is placed on the development of cost information needed by managers in manufacturing, merchandising, and service related businesses.

### ACCT 121

#### Payroll Accounting 3 Units

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

*Hours: 54 hours LEC*

This course will cover fundamental principles of payroll tax laws as defined by the Federal and State government. The course will include a study of Social Security taxes, Federal and State income tax withholding, Federal and State Unemployment Insurance, and journal entries to record payroll information. Payroll tax payment requirements and preparation of the employer's California and Federal payroll tax returns will be included. A comprehensive simulation project will be completed as part of the course. The project will include one quarterly payroll reporting cycle.

### ACCT 295

#### Independent Studies in Accounting 1-3 Units

*Prerequisite: None*

*Hours: 54-162 hours LAB*

### ACCT 299

#### Experimental Offering in Accounting .5-4 Units

*Prerequisite: None*

**ACCT 301**  
**Financial Accounting** **4 Units**

*Prerequisite: None*

*Advisory: 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, examining why it is important and how it is used by investors, creditors, and others to make decisions. The course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and statement analysis. It includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics. (C-ID ACCT 110)

**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 the study of how managers use accounting information in decision-making, planning, directing operations, and controlling. The course focuses on cost terms and concepts, cost behavior, cost structure, and cost-volume-profit analysis. It includes issues relating to cost systems, cost control, profit planning, ethics, segment reporting and performance analysis in manufacturing and service environments. This course is required of all business majors, minors, and accounting certificate candidates. Students must purchase (or have in their possession) a financial calculator for this course and may require (purchase or receive with text) an online access code from publisher's site. (C-ID ACCT 120)

**ACCT 341**  
**Computerized Accounting** **2 Units**

*Prerequisite: ACCT 301 with a grade of "C" or better; or 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 statements and other accounting reports used in business. This course emphasizes the areas of study: general ledger, accounts payable, accounts receivable, banking, bank reconciliations, depreciation, fixed assets, inventory, job order and payroll. This course provides practical experience using contemporary computerized accounting software. Consult the class schedule for specific software.

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

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54-162 hours LAB*

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

*Prerequisite: None*

*Advisory: ENGWR 101 or ESLW 320*

*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 the field of Accounting. Course content will include understanding the application of education to the workforce completing required forms which document the student's progress and hours spent at the work site and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

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

*Prerequisite: None*

*Course Transferable to CSU*

# Administration of Justice

**Dean**

Vicky Maryatt  
(916) 608-6925  
FLC, Cypress Hall FL2-149

**Department Chair**

Reynando Accooe  
(916) 608-6912  
FLC, Harris Center PAC-2360

**DEGREES**

AA — Administration of Justice  
AS-T — Administration of Justice

**Description**

The program applies analytical learning to understand the broad dimensions of the administration of justice and its impact on people. It is designed to prepare our students for entry into the field of law enforcement/corrections employment, as well as transfer to four-year universities.

**Career Options**

Community Service Officer  
Corrections Officer  
Deputy Sheriff  
Identification Technician  
Police Officer  
Parole Agent  
Probation Officer  
A variety of support service occupations

**Potential employers include local, state, and federal law enforcement agencies:**

Sheriff's Deputy  
Police Officer  
California Highway Patrol  
Federal Bureau of Investigations  
Drug Enforcement Administration  
Department of Justice  
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.*

**Highlights**

- Emphasizes a social justice lens that allows students to explore justice at many different levels.
- Faculty members foster an inclusive environment of learning for all students and we are committed to educating traditionally underrepresented groups and increase diversity in the administration of justice workforce.

**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:** .....6  
ADMJ 308, 322, 331, 333, 340, 370, 498

**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.

In the history of the Administration of Justice there has never been a greater demand for well-trained and educated professionals in the law enforcement, courts, and corrections fields. Folsom Lake College's Administration of Justice program provides training to individuals for positions in a wide variety of careers in the Administration of Justice field. Graduates will be better prepared to seek employment at the local, state, federal and private levels.

**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.
- Evaluate various local, state, and federal law enforcement career options and design a viable career path strategy.
- Define and apply the ethical and leadership standards placed on administration of justice professionals.
- Analyze cause in fact and proximate cause in relation to criminal activity and describe how they apply to criminal statutes, case law, and constitutional law.
- identify diverse cultural groups and unique crime related problems they face, and describe strategies law enforcement professionals can use to eliminate or reduce those problems.
- apply effective written and oral communication skills.  
describe the role of computers in crime and investigations.



Associate Degree  
for Transfer  
*A Degree with a Guarantee.<sup>SM</sup>*

## DEGREE

### AS-T — Administration of Justice

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

The Associate of Science in Administration of Justice for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Administration of Justice at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

#### This program has the following completion requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
    - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
    - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
  2. Obtainment of a minimum grade point average of 2.0.
- AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

#### 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.

- Evaluate various local, state, and federal law enforcement career options and develop a viable career path strategy.
- Define and apply the ethical and leadership standards placed on administration of justice professionals.
- Describe the complex interaction between criminal investigations and criminal procedures.
- Analyze cause in fact and proximate cause in relation to criminal activity and describe how they apply to criminal statutes, case law, and constitutional law.
- Identify diverse cultural groups and unique crime related problems they face, and describe strategies law enforcement professionals can use to eliminate or reduce those problems.
- Apply effective written and oral communication skills.

## Administration of Justice (ADMJ)

### ADMJ 300

#### Introduction to Administration of Justice 3 Units

*Prerequisite: None*

*General Education: AA/AS Area V(b); CSU Area D; IGETC Area 4*

*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 and criminology, domestic and international criminal threats, law enforcement response to criminal activity, and future trends for law enforcement. Students will explore the components of the American justice system, including law enforcement, courts, and correctional services with an emphasis on ethics and leadership. (C-ID AJ 110)

### 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; CSU Area D; IGETC Area 4**Course Transferable to UC/CSU**Hours: 54 hours LEC*

This course examines the complex relationship between communities and the law enforcement, judicial and correctional institutions of the justice system. The course addresses the role that race, ethnicity, gender, sexual orientation, social class, culture and the criminal justice professional play in shaping these relationships. The course will explore new strategies, skills, tools, and cultural knowledge necessary for personnel engaged in all aspects of the criminal justice system. Special topics include how terrorism and the need for homeland security have changed the dynamics of police-community relations. (C-ID AJ 160)

**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. (C-ID AJ 150)

**ADMJ 320****Concepts of Criminal Law 3 Units***Prerequisite: None**Advisory: ENGRD 310 and ENGWR 101**General Education: AA/AS Area V(b); CSU Area D**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 discussion of the U.S. Constitution, prosecution and defense decision making, criminal culpability, and defenses to crimes. (C-ID AJ 120 )

**ADMJ 322****Criminal Procedures 3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54 hours LEC*

This course will examine 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. (C-ID AJ 122)

**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 United States 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 140)

**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 333**  
**Computer Crime and Digital Evidence** **3 Units**

*Prerequisite: None*

*Advisory: CISC 310; Students should have basic computer user skills prior to enrolling in this course.*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course will introduce the student to the basic principles of computer crime investigation, including the role of computer devices in various types of criminal activities, computer related criminal law, methods of collecting digital evidence and how digital evidence can assist in solving crimes. The student will learn how to properly perform and document digital evidence collection. The student will learn about court presentation and emerging case law related to computer crimes.

**ADMJ 340**  
**Introduction to Correctional Services** **3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course provides an overview of the history and trends of adult and juvenile corrections including probation and parole. It focuses on the legal issues, specific laws, and general operation of correctional institutions. The relationship between corrections and other components of the judicial system are examined. (C-ID AJ 200)

**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 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 498****Work Experience in  
Administration of Justice****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Administration of Justice. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**ADMJ 499****Experimental Offering  
in Administration of Justice****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Allied Health

## Dean

Vicky Maryatt  
(916) 608-6925  
FLC, Cypress Hall FL2-149

## Department Chair

Jason Pedro  
(530) 642-5639  
EDC, B-232

### Description

This curriculum is of benefit to students seeking careers in the health field by teaching the foundational medical language needed in many health-related programs.

### Career Options

In some cases, this course is a requirement for application to, or completion of, Allied Health programs. Students should consult counseling for specific program requirements.

### Highlight

- Course taught by healthcare professionals.
- Included in a variety of degree programs and career certificates in health care.

## Allied Health (AH)

### AH 110

#### Medical Language for Health-Care Providers 3 Units

*Prerequisite: None*

*Hours: 54 hours LEC*

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

# Anthropology

## Dean

Brian Robinson  
(916) 361-6330  
RCC, RCC1-144

## Department Chair

Wayne Olts  
(530) 642-5685  
EDC, B-239

### Description

The Folsom Lake College anthropology curriculum 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  
Environmental Impact Analyst  
Forensic Scientist  
Health Researcher  
Instructor  
Museum Curator  
Population Analyst  
Transcultural Nursing  
Urban Planner

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

### Highlights

- 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 VI; AA/AS Area V(b);**CSU Area D; IGETC Area 4**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. (C-ID ANTH 120)

**ANTH 319****Visual Anthropology:  
Introduction to Ethnographic Film 3 Units***Prerequisite: None**General Education: AA/AS Area V(b); CSU Area D**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 D;**IGETC Area 4**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 through the historic period. Examples of the archaeological record will be drawn from all major geographic areas of the world. A field trip is required as part of this course. (C-ID ANTH 150)

**ANTH 330****Magic, Witchcraft, and Religion 3 Units***Prerequisite: None**General Education: AA/AS Area VI; AA/AS Area V(b);**CSU Area D; IGETC Area 4**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 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 495****Independent Studies in Anthropology****1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***ANTH 498****Work Experience in Anthropology****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Anthropology. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**ANTH 499****Experimental Offering in Anthropology****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Art & Art History

## Dean

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## DEGREES

AA — Studio Art  
AA — Art History  
AA-T — Studio Art  
AA-T — Art History

## CERTIFICATE OF ACHIEVEMENT

Clay Arts

### Description

The Folsom Lake College 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.

### Career Options

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

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

### Highlights

- Art faculty composed of professional artists with diverse specialization 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.

## DEGREE

### AA — Studio Art

REQUIRED PROGRAM	Units
ART 300 Drawing and Composition I.....	3
ART 304 Figure Drawing I.....	3
ART 320 Design: Fundamentals.....	3
ART 323 Design: Color Theory.....	3
ART 370 Three-Dimensional Design.....	3
<b>A minimum of six (6) units from the following:</b> .....	<b>6</b>
ARTH 303, 309, 311, 332	
<b>A minimum of nine (9) units from chosen area (i.e., drawing, painting, sculpture):</b> .....	<b>9</b>
Drawing: ART 302, 305, 308, 310, 312, 361, 364	
Painting: ART 327, 328, 332, 334, 336, 337	
Sculpture: ART 372, 373, 382, 383, 386, 387, 390, 391, 402, 404	
<b>TOTAL UNITS REQUIRED</b> .....	<b>30</b>

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 studies, as well as for self-enrichment. Students who transfer to earn their Bachelor of Arts (BA) or Bachelor of Fine Arts (BFA) can continue their studies by pursuing MA and MFA degrees. The Studio Art program includes two and three dimensional, fine and applied arts, as well as study in art history. Upon completion of their higher degrees, students can work as independent artists, educators, restorers, designers, etc.

### Program Student Learning Outcomes

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

- Differentiate major historical movements and developments in the visual arts.
- Compose or design works of art that utilize a combination of techniques, materials, visual ideas, and experiences.
- Critique artworks using correct terminology related to concepts, materials, and techniques.
- Evaluate form, image, and artistic creation of visual artworks from different traditions, cultures, and civilizations.



**DEGREE****AA — Art History**

<b>REQUIRED PROGRAM</b>	<b>Units</b>
ARTH 304 Ancient Art.....	3
ARTH 306 Medieval Art .....	3
ARTH 309 Art Survey: Renaissance to 19th Century .....	3
ARTH 311 Art Survey: Modern Art .....	3
<b>A minimum of three (3) units from the following:</b> .....	<b>3</b>
ARTH 312, 324, 326, 328, 330, 332, 333	
<b>A minimum of 3 units from the following:</b> .....	<b>3</b>
ARTH 307, 318	
<b>A minimum of three (3) units from the following:</b> .....	<b>3</b>
ART 300, 320, 323, 361, 364, 370, 372, 382, 383, 390, 402	
<b>TOTAL UNITS REQUIRED</b> .....	<b>21</b>

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 pursue their education in Art History and Art Administration as well as for students who seek self enrichment in the field of Art History. Students, after transfer and completion of their Bachelor of Arts (BA) in Art History, can further their studies in Master's and Ph.D. in Art History and Art Administration. Upon the completion of their continued education, students can work in galleries and museums as docents, as program directors, curators, or for private collectors and public organizations in related fields as well as educators, writers, etc.

**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.



Associate Degree  
for Transfer  
*A Degree with a Guarantee.™*

**DEGREE****AA-T — Studio Art**

<b>REQUIRED PROGRAM</b>	<b>Units</b>
ART 300 Drawing and Composition I.....	3
ART 320 Design: Fundamentals.....	3
ART 370 Three Dimensional Design .....	3
ARTH 309 Art Survey: Renaissance to 19th .....	3
ARTH 311 Art Survey: Modern Art .....	3
<b>A minimum of three (3) units from the following:</b> .....	<b>3</b>
ARTH 303 Art Survey: Ancient to 14th Century (3)	
<b>or</b> ARTH 332 Asian Art (3)	

**A minimum of nine (9) units from the following:**.....9

*Select three courses, each from a different category listed below.*

Drawing: ART 302, 304

Color Theory: ART 323

Painting: ART 327

Printmaking: ART 361

Sculpture: ART 372

Ceramics: ART 390

Applied Design: ART 383

Other Media: ART 332, 334, 336, 402

Second Semester: ART 328, 373, 386

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

The Associate of Arts in Studio Art for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Studio Art at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

**This program has the following completion requirements:**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.

- B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

### Program Student Learning Outcomes

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

- Differentiate major historical movements and developments in the visual arts.
- Compose or design works of art that utilize a combination of technique, materials, visual ideas, and experiences.
- Construct and document an initial portfolio of artworks for professional presentation.
- Critique artworks using correct terminology related to concepts, materials, and techniques.
- Evaluate form, image, and artistic creation of visual artworks from different traditions, cultures, and civilizations.



## DEGREE

### AA-T — Art History

REQUIRED PROGRAM	Units
ART 300 Drawing and Composition I.....	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
<b>A minimum of nine (9) units from the following:.....</b>	<b>9</b>
<i>Select 3 units from Art History Electives, 3 units from Art Electives, and 3 units from any of the following lists.</i>	
Art History Electives: ARTH 328, 332, 333	
Art Electives: ART 304, 320, 327, 361, 370, 372, 383, 390, 402	
General Electives: ARTH 307, 318	
<b>TOTAL UNITS REQUIRED .....</b>	<b>21</b>

The Associate of Arts in Art History for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare

for majoring in Art History at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

### This program has the following completion requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
  - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

### 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.

## CERTIFICATE OF ACHIEVEMENT

### Clay Arts

REQUIRED PROGRAM	Units
ART 390 Ceramics .....	3
ART 391 Intermediate Ceramics.....	3
ART 402 Beginning Clay Sculpture.....	3
ART 404 Intermediate Clay Sculpture.....	3
<b>A minimum of three (3) units from the following: .....</b>	<b>3</b>
ART 370 Three Dimensional Design (3)	
ART 372 Sculpture (3)	
<b>TOTAL UNITS REQUIRED .....</b>	<b>15</b>

This certificate provides theoretical foundation and practical experience for students interested gaining

knowledge in ceramics and clay sculpture. Topics include the basic and intermediate skills needed for a strong foundation in the area of clay arts.

### Program Student Learning Outcomes

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

- Analyze compositional principles as they apply to three-dimensional form and space.
- Create ceramic and clay sculpture utilizing basic traditional and contemporary techniques.
- Demonstrate the proper and safe use of kilns and other clay related equipment.

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## Art (ART)

### ART 300

#### Drawing and Composition I

3 Units

**Course Family: Drawing Fundamentals**

*Prerequisite: None*

*Advisory: ENGWR 101 or eligibility for ENGWR 300 through the assessment process. ENGRD 110 or eligibility for ENGRD 310 through the assessment process.*

*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. (C-ID ARTS 110)

### ART 302

#### Drawing and Composition II

3 Units

**Course Family: Drawing Fundamentals**

*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 I

3 Units

**Course Family: Figure Studies**

*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 II

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

**Course Family: Applied Drawing**

*Prerequisite: None*

*Advisory: ART 300 with a grade of "C" or better.*

*Course Transferable to UC/CSU*

*Hours: 36 hours LEC; 54 hours LAB*

This course introduces the study of linear and atmospheric perspectives to create spatial relationship in drawings. Topics include historical development of linear and atmospheric perspectives; incorporation of perspective in two dimensional arts; and creating spatial relationships through the use of different perspectives. Students are required to purchase any supplies needed for the course work.

**ART 310**  
**Pen and Ink Drawing** **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, value, space, texture, and color) and principles of design (such as unity, variety, balance, movement, emphasis, proportion, and economy), and the application and historical references of these concepts to both fine and applied arts. The students are required to purchase art materials and tools needed for the course. (C-ID ARTS 100)

**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 the historical use of color in the visual arts. Students will need to purchase art supplies needed for the course. (C-ID ARTS 270)

**ART 327**  
**Painting I** **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. (C-ID ARTS 210)

**ART 328**  
**Painting II** **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 332**  
**Oil 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 oil painting. Topics include indirect and direct painting techniques in oil, application of elements of art and principles of design to depict diverse subjects in naturalistic and abstract representations, and self-expression through the medium of oil paint. 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. (C-ID ARTS 220)

**ART 364**  
**Printmaking: Relief** **3 Units**

**Course Family: Printmaking**

*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**

**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 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. (C-ID ARTS 101)

**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 382**  
**Metal Design: Emphasis in Mixed Media** **3 Units**

**Course Family: Small Metal Arts**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 36 hours LEC; 54 hours LAB*

This course offers a contemporary approach to mixed media in small metal sculpture and jewelry. This course encompasses found object, polymer clay, titanium anodizing, and Keum Bo. Students are required to purchase a basic set of tools, metals and other supplies.

**ART 383**  
**Metal Design: Emphasis In Fabrication** **3 Units**

**Course Family: Small Metal Arts**

*Prerequisite: None*

*Advisory: Each student should be able to demonstrate the ability to independently and safely operate the classroom equipment and machinery according to the standards set by the instructor on the first day of class. Students who are sensitive to loud noises are advised not to take this class.*

*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. Steel hammers, anvils, and other equipment will be used in the class. Basic methods and techniques for use with silver and base metals will be covered. Students will need to purchase art materials and tools.

**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.*

*Advisory: Each student should be able to demonstrate the ability to independently and safely operate the classroom equipment and machinery according to the standards set by the instructor on the first day of class. Students who are sensitive to loud noises are advised not to take this class.*

*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 course encompasses the wide range of procedures used to convert flat metal into volumetric form using the hydraulic press and the rolling mill in forming three-dimensional metal objects. Steel hammers, anvils, and other equipment will be used in the class. A basic set of tools, metals, and supplies will be available for purchase at the college bookstore.

**ART 390**  
**Ceramics** **3 Units**

**Course Family: Ceramics-Hybrid**

*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 391**  
**Intermediate Ceramics** **3 Units**

**Course Family: Ceramics-Hybrid**

*Prerequisite: ART 390 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 wheel-throwing and sculpture techniques. It explores the technical and creative processes of ceramic pottery making and sculpture including surface treatment and various firing processes. Focus is placed on an in-depth examination of contemporary ceramics. The student will be given a materials/supplies needed list by the instructor, which the student must purchase and use in order to succeed in the course. Field trips outside of class time may be required.

**ART 402**  
**Beginning Clay Sculpture** **3 Units**

**Course Family: Ceramics-Hybrid**

*Prerequisite: None*

*General Education: AA/AS Area I*

*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 495**  
**Independent Studies in Art** **1-3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54-162 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*

## 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 study of theory, terminology, the meaning and function of art, roles of artists, elements of art, and principles of design to develop visual literacy. (C-ID ARTH 100)

**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 surveys western art from the prehistoric period to the 14th century. The lecture and discussion include the developments of the visual arts and architecture. (C-ID ARTH 110)

**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. This is a required course for students seeking the AA Degree and AA-T Degree in Art History.

**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. This is a required course for students seeking the AA Degree and AA-T Degree in Art History.

**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 culture. This is a required course for students seeking the AA degree in Art History, AA-T degree in Art History and AA-T degree in Studio Art. (Part of 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 Neoclassicism to contemporary art, from 18th century to 21st century. Through lecture and discussion, the course examines visual arts and architecture from Europe and America. (C-ID ARTH 150; Part of C-ID ARTH 120)



**ARTH 312****Women in 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 is a survey course of women's art: how women are portrayed in the visual arts and the study of female artists and their works from the Middle Ages through the 21st century. The lecture and discussion include both European and non-European arts of women.

**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. 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**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 an introductory course on Native American art and culture. Topics include Native Americans' beliefs, two and three dimensional art and artifacts, and architecture produced by the Native Americans from the Arctic and the Northwest Coast, the Eastern Woodlands, the Plains, the Southwest, California, and the Iroquois Confederacy.

**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, Japan, Indonesia, Thailand, and Sri Lanka. The lecture and discussion include the development of Eastern philosophy and beliefs and their relationship to the visual arts. (C-ID ARTH 130)

**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: 54-162 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.

**ARTH 499****Experimental Offering in Art History****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Astronomy

## Dean

Greg McCormac  
(916) 608-6615  
FLC, Dogwood Hall FL4-126

## Department Chair

Daniel Hale  
(916) 608-6786  
FLC, Dogwood Hall FL4-228

### Description

The Folsom Lake College astronomy program offers an array of transferable courses that fulfill both major and general education requirements.

The astronomy courses are offered as part of the general education program at Folsom Lake College. The astronomy curriculum consists of the ASTR 300 lecture class and the ASTR 400 lab class. These classes are meant to give the student a comprehensive breath of the field of astronomy and the laboratory class gives a hands-on learning experience. Both courses are an excellent way for liberal arts students to gain an appreciation of scientific knowledge and methods.

## 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)*

*Advisory: MATH 30 with a grade of "C" or better.*

*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. The course will cover historical and current observational methods. This will include naked eye and telescopic observations.

### ASTR 495

#### Independent Studies in Astronomy

**1-3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54-162 hours LAB*

### ASTR 499

#### Experimental Offering in Astronomy

**.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

# Biology

## Dean

Greg McCormac  
(916) 608-6615  
FLC, Dogwood Hall FL4-126

## Department Chair

David Lagala  
(530) 642-5638  
EDC, B-257

## DEGREE

AS — Biology, Biological Sciences  
AS — Biological Sciences: Pre-Nursing  
AS-T — Biology

### Description

The Folsom Lake College biology curriculum offers courses that satisfy general education requirements in life sciences. Some courses are prerequisites for a degree in the environmental sciences or health professions. In addition, the curriculum helps prepare students for transfer opportunities to four-year programs in biological sciences, nursing, physical therapy, and programs leading to careers in teaching, medicine, dentistry, and veterinary medicine. All courses seek to develop critical thinking skills while fostering a lasting appreciation of biology. Students planning to continue for a four-year degree should consult the lower division requirements of the transfer program of the university to which they plan to attend.

### Career Options

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

*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 — Biological Sciences

#### REQUIRED PROGRAM

	Units
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
<b>A minimum of eight (8) units from the following:</b> .....	<b>8</b>
BIOL 323 Plants and People (4)	
BIOL 350 Environmental Biology (3)	
BIOL 380 Natural History Field Studies: Coastal Ecosystems (1)	
BIOL 382 Natural History Field Studies: Desert Ecosystems (1)	
BIOL 384 Natural History Field Study of Forest Ecosystems (1 -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 I (5)	
CHEM 421 Organic Chemistry II (5)	
INDIS 360 Sustainability: Your Future on Planet Earth (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)	
<b>TOTAL UNITS REQUIRED .....</b>	<b>33</b>

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.

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.

## 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.

## DEGREE

### AS — Biological Sciences: Pre-Nursing

REQUIRED PROGRAM		Units
BIOL 440	General Microbiology (4)	
or BIOL 442	General Microbiology & Public Health (5).....	4-5 <sup>1</sup>
BIOL 430	Anatomy and Physiology .....	5
BIOL 431	Anatomy and Physiology .....	5
CHEM 305	Introduction to Chemistry .....	5
CHEM 306	Introduction to Chemistry .....	5
NUTRI 300	Nutrition .....	3
PSYC 300	General Principles (3)	
or PSYC 320	Social Psychology (3) .....	3
PSYC 370	Human Development: A Life Span (3)	
<b>TOTAL UNITS REQUIRED .....</b>		<b>33-34</b>

<sup>1</sup>See a counselor regarding acceptance of BIOL 442 for specific nursing programs.

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.



Associate Degree  
for Transfer  
*A Degree with a Guarantee.<sup>SM</sup>*

## DEGREE

### AS-T — Biology

REQUIRED PROGRAM		Units
BIOL 400	Principles of Biology.....	5
BIOL 410	Principles of Botany .....	5
BIOL 420	Principles of Zoology.....	5
CHEM 400	General Chemistry I .....	5
CHEM 401	General Chemistry II .....	5
MATH 400	Calculus I.....	5
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)) .....	8
<b>TOTAL UNITS REQUIRED .....</b>		<b>38</b>

The Associate of Science in Biology for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University (CSU). Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Biology at the institution they wish to transfer to because major and general education requirements may vary for each CSU, and the degree does not guarantee admission to a specific CSU campus.

#### This program has the following completion requirements:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - CSU IGETC for STEM BreAD-Th Requirements.
  - The required number of units in the major or area of emphasis, as determined by the community college district.
- Obtainment of a minimum grade point average of 2.0.

AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

#### 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 and field habits consistent with accepted practices for safety, documentation, and core techniques.
- Analyze data sets, recognize the implications of disturbances to biological systems, and synthesize information to draw conclusions.
- Differentiate between scientifically-derived knowledge, myth, and conjecture in professional or everyday encounters with information.
- Recognize and discuss ethical implications of biological research when encountered in personal, community, and scientific issues.
- Engage in free exchange of ideas to support creative problem solving.
- Evaluate former and proposed human activities, and, if necessary, recommend alternative actions that are environmentally sustainable.

## Biology (BIOL)

### BIOL 300

#### The Foundations of Biology

**3 Units**

*Prerequisite: None*

*Advisory: ENGWR 101 and MATH 100 with grades of "C" or better.*

*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 grades 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 (including day-length weekend field trips) may be required. Students may be required to purchase eye protection and disposable gloves.

**BIOL 310****General Biology****4 Units***Prerequisite: None**Advisory: ENGWR 101 and MATH 100 with grades 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 course introduces the major concepts of biological science with an emphasis on human biology. It is intended for non-science majors and disciplines requiring a broad overview of Biology (e.g. some Allied Health programs). Topics covered include: cell biology, metabolism, Mendelian and molecular genetics, evolution, anatomy and physiology, animal behavior, and ecology. The laboratory activities are designed to further investigate and illuminate each topic area. Students may be required to purchase eye protection and disposable gloves. Field trips outside of class time may be required. Additionally, students may be required to provide their own transportation to field trip sites.

**BIOL 323****Plants and People****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 introductory course focuses on the scientific study of the interactions between plants and humans. Students will use the scientific method to investigate the ecological and biological traits of plants, how these traits have shaped multicultural human use, and how plants have been affected by humans. Topics include plant anatomy, structure, and reproduction; the role of biodiversity in natural and cultivated systems; plant evolution under domestication; sustainable use of resources; ethical issues surrounding plant use; and comparison of plant use by various cultures for food, medicine, shelter, and dyes. Laboratory topics may include plant identification, experimental investigation of medicinal and food value of selected plants, traditional preparation of selected plants, plant structure and anatomy, and analysis of plant fibers and dyes. Field trips may be required.

**BIOL 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 cover the ecology and natural history of forest ecosystems covered in the field. Animals, plants, geology, and environmental impacts unique to forest and mountain areas will be studied and their interrelationship investigated. Assignments, field notes and appropriate exams/quizzes will be an integral part of the course. Students will be responsible for providing their own lodging or camping equipment and meals. Campsites will be available. Additional fees for tours or transportation may also be required. This course is ideal for anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.

**BIOL 386****Natural History Field Studies:****Marine Ecosystems****1 Unit***Prerequisite: None**Course Transferable to CSU**Hours: 12 hours LEC; 18 hours LAB*

This course will cover the ecology and natural history of marine ecosystems in the field. Animals, plants, geology, and environmental impacts unique to ocean areas will be studied and their interrelationships investigated. Assignments, field notes and appropriate exams/quizzes will be an integral part of the course. Students will be responsible for providing their own lodging or camping equipment and meals. Campsites will be available. This course is ideal for anyone interested in nature, environmental topics, and the biological sciences. Teachers and resource managers seeking professional growth, and students from all academic disciplines are encouraged to take this course.



**BIOL 388****Natural History Field Studies:****River Ecosystems****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 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 Anthropology 392 or History 392. This course requires field trips.

**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. Goggles and a scientific or 4 function calculator are required (programmable or cell phone calculators are NOT allowed). (C-ID BIOL 190; Part of C-ID BIOL 135S)

**BIOL 410****Principles of Botany****5 Units**

*Prerequisite: BIOL 400 with a grade of "C" or better Advisory: ENGWR 101 and MATH 120 with grades 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. 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. (C-ID BIOL 155; Part of C-ID BIOL 135S)

**BIOL 420****Principles of Zoology****5 Units**

*Prerequisite: BIOL 400 with a grade of "C" or better.*

*Advisory: ENGWR 101 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 is part of a three-semester sequence in general biology for biology majors. Topics include zoology with particular emphasis on comparative anatomy and physiology of vertebrates and invertebrates. The basic principles of evolution, taxonomy, embryology, morphology, physiology, behavior and ecology will be covered. Students may be required to purchase eye protection and disposable gloves. Field trips scheduled outside of class time may be required. Additionally, students may be required to provide their own transportation to field trip sites. (C-ID BIOL 150; Part of C-ID BIOL 135S)

**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. (Part of C-ID BIOL 115S)

**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. (Part of C-ID BIOL 115S)

**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**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 Microbiology and Public Health****5 Units***Prerequisite: CHEM 305, 306, or 400 with a grade of "C" or better; Or one year high school chemistry with a laboratory with a grade "C" or better.**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. Topics will be related to global public health issues both past and present. Students are required to purchase a laboratory coat, microscope slides, safety glasses, disposable gloves and a laboratory notebook. Field trips and/or a semester project may be required.

**BIOL 495****Independent Studies in Biology****1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB*

**BIOL 498****Work Experience in Biology****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Biology. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**BIOL 499****Experimental Offering in Biology****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Business

**Dean**

Brian Robinson  
(916) 361-6330  
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**Department Chair**

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**DEGREES**

- AA — Business, General
- AA — Business, General Transfer
- AA — Business, Small Business Management/  
Entrepreneurship
- AS-T — Business Administration

**CERTIFICATES OF ACHIEVEMENT**

- Business, Office Technician
- Business, International Entrepreneurship/  
Global Exporting
- Business, Small Business Management/Entrepreneurship

**Description**

The Folsom Lake College business curriculum is designed to provide an entrance into an exciting career. Many opportunities are available that can lead to immediate employment or career advancement. FLC offers a variety of degrees and certificates to meet students' present and future needs. Whether it is one class or a step toward a degree, there are a variety of options.

**Career Options**

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

*There are also 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 and entrepreneurship.
- Exceptional and committed instructors.

**DEGREE**

**AA — Business, General**

**REQUIRED PROGRAM**

	<b>Units</b>
ACCT 301 Financial Accounting (4) .....	4
BUS 300 Introduction to Business .....	3
BUS 310 Business Communications .....	3
BUS 330 Managing Diversity in the Workplace .....	3
BUS 340 Business Law (3)	
<b>or</b> BUS 345 Law and Society (3) .....	3
MGMT 362 Techniques of Management .....	3
MKT 300 Principles of Marketing .....	3
<b>A minimum of three (3) units from the following:</b> .....	3
ECON 302 Principles of Macroeconomics (3)	
BUS 320 Concepts in Personal Finance (3)	
ECON 320 Concepts in Personal Finance (3)	
<b>A minimum of three (3) units from the following:</b> .....	3
BUSTEC 360 Beginning Word Processing (1)	
BUSTEC 363 Introduction to Electronic Spreadsheets (1)	
CISA 320 Introduction to Database Management (1)	
CISC 300 Computer Familiarization (1)	
CISC 310 Intro to Computer Information Science (3)	
<b>A minimum of six (6) units from the following:</b> .....	6
Selected from one of the following concentrations: Accounting, Business, Business Technology, Computer Information Science, Management, Marketing, Project Management, or Real Estate	
<b>A minimum of one (1) unit from the following:</b> .....	1
BUS 498 Work Experience in Business (1-4)	
<b>TOTAL UNITS REQUIRED</b> .....	<b>35</b>

The Business, General Associate of 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. See FLC graduation requirements.

This program provides an overview of business fundamentals for students interested in business occupations including positions in finance, marketing,

and management. The program is also recommended for general government service occupations.

### 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, General Transfer

REQUIRED PROGRAM		Units
ACCT 301	Financial Accounting.....	4
ACCT 311	Managerial Accounting.....	4
BUSTEC 331	Exploring Computer Environments and the Internet.....	1
BUSTEC 333	Exploring Word Processing and Presentation Software.....	1
BUSTEC 363	Introduction to Electronic Spreadsheets.....	1
ECON 302	Principles of Macroeconomics.....	3
ECON 304	Principles of Microeconomics.....	3
<b>A minimum of six (6) units from the following:</b> .....		6
BUS 300	Introduction to Business (3)	
or BUS 310	Business Communications (3)	
STAT 300	Intro to Probability and Statistics (4)	
MATH 341	Calculus for Business & Economics (4)	
MATH 343	Modern Business Mathematics (4)	
MATH 400	Calculus I (5)	
<b>TOTAL UNITS REQUIRED</b> .....		<b>23</b>

#### Suggested Electives:

ACCT 341; BUS 310, 340, 345; BUSTEC 307.1; CISC 300, 310; MATH 343, 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. Students wanting to transfer to a California State University should complete the AS-T in Business Administration, as this program is designed for transfer to the University of California colleges, out-of-state colleges and other private institutions.

### 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
ACCT 311	Managerial Accounting.....	4
BUS 300	Introduction to Business (3)	
or BUS 350	Small Business Management/Entrepreneurship (3) .....	3
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
MATH 343	Modern Business Mathematics (4)	
or STAT 300	Intro to Probability and Statistics (4) .....	4
<b>A minimum of six (6) units from the following:</b> .....		6
BUS 330	Managing Diversity in the Workplace (3)	
BUS 355	Introduction to Global Entrepreneurship (3)	
MKT 300	Principles of Marketing (3)	

**A minimum of three (3) units from the following:** .....3  
 BUSTEC 360 Beginning Word Processing (1)  
 BUSTEC 363 Introduction to Electronic Spreadsheets (1)  
 CISA 320 Introduction to Database Management (1)  
 CISC 310 Intro to Computer Information Science (3)  
**TOTAL UNITS REQUIRED** .....33

**Suggested Electives:**  
 ACCT 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**

**AS-T — Business Administration**

REQUIRED PROGRAM		Units
ACCT 301	Financial Accounting	4
ACCT 311	Managerial Accounting	4
BUS 340	Business Law (3)	3
or BUS 345	Law and Society (3)	
ECON 302	Principles of Macroeconomics	3
ECON 304	Principles of Microeconomics	3

**A minimum of eight (8) units from the following:**.....8  
 Choose one course from List A and a minimum of two additional courses from either List A or List B.

**List A**

MATH 341 Calculus for Business and Economics (4)  
 STAT 300 Introduction to Probability and Statistics (4)

**List B**

BUS 300 Introduction to Business (3)  
 BUSTEC 333 Exploring Word Processing and Presentation Software (1)  
 BUSTEC 363 Electronic Spreadsheets (1)  
 BUSTEC 364 Intermediate Electronic Spreadsheets (1)  
 CISC 310 Intro to Computer Information Science (3)

**TOTAL UNITS REQUIRED** .....25

The Associate of Science in Business Administration for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Business Administration at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

**This program has the following completion requirements:**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
    - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
    - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
  2. Obtainment of a minimum grade point average of 2.0.
- AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

**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 ACHIEVEMENT

### Business, Office Technician

REQUIRED PROGRAM	Units
BUS 100 English for the Professional (3) or BUS 310 Business Communications (3) .....	3
BUSTEC 110 Business Procedures for Professional Success .....	3
BUSTEC 307.1 Intro Keyboarding/Application .....	2 <sup>1</sup>
BUSTEC 307.2 Intermediate Keyboarding/Application .....	2
BUSTEC 308 Skill-Building Keyboarding/Application.....	2 <sup>2</sup>
BUSTEC 331 Exploring Computer Environments and the Internet (1)	
or CISC 300 Computer Familiarization (1) .....	1
BUSTEC 333 Exploring Word Processing and Presentation Software (1)	
or BUSTEC 360 Beginning Word Processing (1).....	1
BUSTEC 361 Intermediate Word Processing .....	1
BUSTEC 363 Introduction to Electronic Spreadsheets .....	1
BUSTEC 364 Intermediate Electronic Spreadsheets.....	1
CISA 320 Introduction to Database Management .....	1
<b>TOTAL UNITS REQUIRED</b> .....	<b>18</b>

<sup>1</sup> keyboarding speed verification at 25 wpm better. For keyboarding speed verification students will need to apply for Credit by Exam, this process is started at the Admissions and Records Office.

<sup>2</sup> keyboarding speed verification at 40 wpm or better. For keyboarding speed verification students will need to apply for Credit by Exam, this process is started at the Admissions and Records Office.

*For Gainful Employment Info and Opportunities:  
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 where an emphasis on computer applications is desirable.

### Program Student Learning Outcomes

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

- Prioritize office tasks and understand the importance of task prioritization.
- Produce clear, concise and mechanically correct written business documents.
- Develop 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.
- Demonstrate competence using business office technology (copy machine, fax machine, 10-key calculator).

## CERTIFICATE OF ACHIEVEMENT

### Business, International Entrepreneurship/ Global Exporting

REQUIRED PROGRAM	Units
BUS 300 Introduction to Business (3).....	3
or BUS 350 Small Business Management/ Entrepreneurship (3)	
BUS 330 Managing Diversity in the Workplace.....	3
BUS 355 Introduction to Global Entrepreneurship .....	3
BUS 356 Global Business Operations .....	3
ECON 304 Principles of Microeconomics.....	3
MKT 300 Principles of Marketing.....	3
<b>TOTAL UNITS REQUIRED</b> .....	<b>18</b>

This program provides an overview of international business and global exporting. The certificate program focuses on what it takes to launch a small global enterprise and/or take a small business global. The program focuses on global entrepreneurship skills, and the key training necessary to operate and manage a global business. This program is designed for students interested in entrepreneurship, small business management, and international business occupations.

### Program Student Learning Outcomes

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

- Demonstrate an understanding of the key concepts of business operations.
- Identify the key abilities necessary to create new opportunities for international entrepreneurship, global trade, and global business sectors.
- Demonstrate an understanding of international business operations.
- Demonstrate an understanding of the key concepts in managing a diverse workforce and conducting business in a global marketplace.
- Examine how global trade impacts the US economy, the state economy, and the local economy.



**CERTIFICATE OF ACHIEVEMENT**

**Business, Small Business Management/  
Entrepreneurship**

<b>REQUIRED PROGRAM</b>	<b>Units</b>
ACCT 301 Financial Accounting .....	4
BUS 300 Introduction to Business (3).....	3
or BUS 350 Small Business Management/ Entrepreneurship (3)	
BUS 355 Introduction to Global Entrepreneurship.....	3
ECON 304 Principles of Microeconomics.....	3
MKT 300 Principles of Marketing .....	3
<b>A minimum of six (6) units from the following:</b> .....	<b>6</b>
ACCT 311 Managerial Accounting (4)	
BUS 330 Managing Diversity in the Workplace (3)	
BUS 356 Global Business Operations (3)	
MGMT 362 Techniques of Management (3)	
<b>TOTAL UNITS REQUIRED</b> .....	<b>22</b>

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, or 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 295**

**Independent Studies in Business**

**1-3 Units**

*Prerequisite: None*

*Hours: 54-162 hours LAB*

**BUS 299**

**Experimental Offering in Business**

**.5-4 Units**

*Prerequisite: None*

**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: BUS 100 or ENGWR 101 with a grade of "C" or better; or eligibility for ENGWR 300.*

*Advisory: Ability to key 30 or more words a minute and use a current office-level word processing program.*

*General Education: AA/AS Area II(a)*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course applies the theory and principles of ethical and effective written and oral communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes planning, organizing, composing, and revising business documents and creating and delivering professional-level oral reports using word processing software and presentation software. Analytical skills are used to plan, organize, compose, critique, and revise letters, memos, emails, and reports. Messages are broken into their component parts for a critical analysis of organization, content, style, tone, grammar, format, and appearance. Students conduct primary and secondary research to draw conclusions and make recommendations. A formal analytical research paper using APA or MLA style citations and graphics is required. The results of the formal research paper are presented in an oral presentation using presentation software. (Competency: Writing)

**BUS 320****Concepts in Personal Finance****3 Units**

*Same As: ECON 320*

*Prerequisite: None*

*General Education: AA/AS Area V(b); AA/AS Area III(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 D*

*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 to 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. (C-ID BUS 125)

**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 D; IGETC Area 4**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 functions of American law but including some comparative analysis of other historical and contemporary legal systems. It stresses the evolution of legal concepts as a reflection of the social environment and the role of the judiciary in establishing social policy. Students may be required to subscribe to a daily newspaper and to bring the paper to class. (C-ID LPSS 110)

**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 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 357****Entrepreneurship, Innovation,  
and New Enterprise Development****3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54 hours LEC*

This course explores the processes used by entrepreneurs to develop new innovative products and services. The course will provide an introduction to the tools, processes, and insights that are used to create, new innovative products for both domestic and foreign markets. Course topics include new business concept development, the role of entrepreneurship, innovation and technology in new venture development, the importance of intellectual property rights and protection, sources of capital and financing, market analysis and strategy, and business planning.

**BUS 490****Individualized Projects in Business****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: 54-162 hours LAB***BUS 499****Experimental Offering in Business****.5-4 Units***Prerequisite: None**Course Transferable to CSU***BUS 498****Work Experience in Business****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Business. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

# Business Technology

## Dean

Vicky Maryatt  
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## Department Chair

Elizabeth Swithenbank  
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FLC, Harris Center PAC-1054

### Description

Folsom Lake College's business technology curriculum is designed to provide an entry point into an ever changing, exciting career. Many opportunities are available that can lead to immediate employment or career advancement. Whether students take one class or a step toward a degree, business technology is applicable in all industries.

The business technology curriculum is designed to provide students with information technology skills used in today's business environment. Students also receive an education in the major areas of business that are aligned with respective technology skills. Students in the program learn critical thinking, problem solving, how to use business software, and the procedures utilized in electronic workspaces.

The administration and management of today's business and government organizations rely heavily upon information technology for the efficient achievement of goals. The collection, storage, and retrieval of data by computers is involved in the wide range of business activities including daily operations, management decision making, and long-range planning. As the dependence on information technology grows, so does the need for information technology specialists.

### Career Options

Programmers  
Systems Analysts  
Consultants  
User Support Analysts  
Administrative or Executive Assistants  
Office Managers  
Technology Communications

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

### Highlights

- Faculty experts current on the latest, most relevant business software.
- Courses integrated with business program offerings.
- Business software skills applicable to any industry.

## 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, the Internet, and an active Los Rios e-mail account.

### BUSTEC 110

#### Business Procedures for Professional Success 3 Units

*Prerequisite: None*

*Advisory: BUS 100, BUSTEC 307.1, 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 126****Outlook: Basics****1 Unit***Prerequisite: None**Advisory: BUSTEC 360**Hours: 18 hours LEC*

This course introduces Microsoft Outlook, the industry-leading personal information management software. Topics include understanding and navigating the Outlook environment, creating and sending email, using email special features, managing Outlook contacts, using an electronic calendar, and creating tasks and to-do items.

**BUSTEC 299****Experimental Offering  
in Business Technology****.5-4 Units***Prerequisite: None***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, the Internet, and an active Los Rios 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. This class is not open to students who have completed BUSTEC 303.

**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 331****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. Students should have access to a computer and the Internet. They should have an active Los Rios e-mail account. They should have some computer media to store data files such as a USB drive. This class is not open to students who have previously taken CISC 308.

**BUSTEC 332****Integrated Business Projects****3 Units***Prerequisite: None**Advisory: BUSTEC 360 or 363**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. This class is not open to students who have completed BUSTEC 120.

**BUSTEC 333****Exploring Word Processing and Presentation Software****1 Unit***Prerequisite: None**Advisory: BUSTEC 307.1 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. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Students must have an active Los Rios e-mail account. This course is not open to students who have completed CISA 308.

**BUSTEC 360****Beginning Word Processing****1 Unit***Same As: CISA 300**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. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Students must have an active Los Rios e-mail account. This course is not open to students who have completed CISA 300.

**BUSTEC 361****Intermediate Word Processing****1 Unit***Prerequisite: BUSTEC 360 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. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Students must have an active Los Rios e-mail account. This class is not open to students who have previously taken CISA 301.

**BUSTEC 363****Introduction to Electronic Spreadsheets****1 Unit***Same As: CISA 310**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 spreadsheets with Microsoft Excel. The course will include designing a spreadsheet, developing formulas for accurate automatic calculations, using spreadsheet functions, producing charts, and developing "what-if" models based upon relative and absolute cell referencing. Students will apply mathematical concepts and skills. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Students must have an active Los Rios e-mail account. This course is not open to students who have taken CISA 310.

**BUSTEC 364****Intermediate Electronic Spreadsheets****1 Unit***Prerequisite: BUSTEC 363 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. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Students must have an active Los Rios e-mail account. This class is not open to students who have previously taken CISA 311.

**BUSTEC 498****Work Experience in Business Technology 1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Business Technology. Course content will include understanding the application of education to the workforce; completing required forms which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**BUSTEC 499****Experimental Offering  
in Business Technology****.5-4 Units***Prerequisite: None**Course Transferable to CSU*



# Chemistry

## Dean

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## Department Chair

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FLC, Cypress Hall FL2-124

### Description

The chemistry curriculum at Folsom Lake College consists of:

- A series of chemistry courses designed to meet transfer requirements for physical and biological science majors and allied health majors.
- A series of courses intended for students majoring in fields other than chemistry, biology, or physical science seeking to fulfill general education science requirements.
- An entry level course that provides preparation or review of more basic concepts.

All chemistry courses at FLC include a practical component where students conduct hands-on chemical experimentation in a modern, well-equipped laboratory.

### Career Options

Allied Health	Nutritionist
Professional Chemist	Oceanographer
Biologist	Pharmacist
Chemical Engineer	Physician
Dentist	Physicist
Geochemist	Veterinarian
Geologist	

*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. Students 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 400****General Chemistry I****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 first semester general college chemistry course intended for students majoring in the scientific disciplines including chemistry, biology, nutrition, physics, geology and engineering. This course emphasizes the fundamental principles of chemistry. Topics include chemical measurement; physical and chemical processes; nomenclature; stoichiometry; atomic structure; quantum theory; molecular structure; bonding theory; physical properties of gases, liquids, and solids; thermochemistry; and properties of solutions. Students are required to purchase indirect vent safety goggles, closed toe shoes, and a bound quad-ruled notebook for the laboratory. (C-ID CHEM 110; Part of C-ID CHEM 120S)

**CHEM 401****General Chemistry II****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, General Chemistry I (Chem 400) and General Chemistry II (Chem 401). CHEM 401 is intended for students majoring in the scientific disciplines including chemistry, biology, physics, and geology. Topics presented in the course include kinetics, equilibrium, acid/base chemistry, thermodynamics, electrochemistry, nuclear chemistry, and coordination chemistry. A brief introduction to Organic Chemistry is included. Laboratory experiments include qualitative and quantitative analysis. (Part of C-ID CHEM 120S)

**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, as well as students interested in careers in winemaking and brewing other alcoholic beverages. Students will be required to supply goggles, gloves, a labcoat, and a laboratory notebook for the laboratory.

**CHEM 420****Organic Chemistry I****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. (C-ID CHEM 150; Part of C-ID CHEM 160S)

**CHEM 421****Organic Chemistry II****5 Units***Prerequisite: CHEM 420 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 course is a lecture-laboratory course and is a continuation of Chemistry 420, Organic Chemistry I, thereby concluding a one year introduction to organic chemistry. This course is designed for science majors, pre-medical, pre-dental, and pre-pharmacy majors. Topics covered include the chemistry of ethers, epoxides, conjugated dienes, aromatic compounds, carbonyl compounds, enolate condensation, amines, phenols, condensation-polymerization reactions, and the chemistry of selected biologically important compounds such as proteins, lipids and carbohydrates. The course also includes continued application of spectroscopic methods (IR, NMR (theory and practice), and MS) applied to organic chemistry. Laboratory emphasis is on synthesis of organic compounds and their work-up and analysis. Experiments include the preparation, isolation, quantitation, purification, identification and mechanism elucidation of the molecules synthesized. Students will continue to expand their ability to operate and utilize a variety of modern chemical instrumentation - gas chromatography, high performance liquid chromatography, Fourier transform - infrared spectroscopy, gas chromatography-mass spectrometry, and polarimetry. Students must purchase instructor produced supplements; Study guide for the approved lecture text; Stitch-bound, page-numbered laboratory notebook(s); model kit; American Chemical Society Study Guide for Organic Chemistry, approved safety goggles, gloves, gas chromatography syringe. a pair of approved safety goggles. (Part of C-ID CHEM 160S)

**CHEM 495****Independent Studies in Chemistry****1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB*

This course involves an individual student or small groups of students in study, research, or activities beyond the scope of regular offered courses, pursuant to an agreement among college, faculty members and students. Independent studies in chemistry offers students a chance to do research and/or experimentation that is more typical of industry and graduate student work. Student must fill out an application with sponsoring instructor to participate.

**CHEM 498****Work Experience in Chemistry****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Chemistry. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**CHEM 499****Experimental Offering in Chemistry****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Communication & Media Studies

**Dean**

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**DEGREE**

AA-T — Communication Studies

**CERTIFICATE OF RECOGNITION**

Applied Communication Skills

**Description**

The communication studies department at Folsom Lake College is committed to excellent teaching that provides an innovative and stimulating environment for student learning in theoretical and pragmatic applications of communication education. With the primary mission of encouraging completion of an associate degree and promoting transfer opportunities, the department provides superior educational opportunities to a diverse student population and supports a cooperative environment that reflects and honors the diverse backgrounds, perspectives, abilities, and interests of all. The department supports both students and faculty in the pursuit of continuing education to better their personal, academic, and professional lives; to help them meet the communication challenges of an increasingly complex world; and to adapt to the changing communication demands of the future.

**Career Options**

- Advertising
- Campaign Management
- College & University Instruction
- Community Relations
- Corporate Imaging
- Corporate Training
- Customer Service
- Grant Writing
- Human Resources Development
- Journalism
- Marketing
- Motivational Speaking
- Negotiation & Mediation Services
- Organizational Administration
- Personnel Management
- Political Speech Writing
- Public Information
- Public Relations
- Social Science Research
- Radio & Television
- Writing for Publication

**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.



Associate Degree  
 for Transfer  
*A Degree with a Guarantee.™*

**DEGREE**

**AA-T — Communication Studies**

**REQUIRED PROGRAM**

**Units**

COMM 301 Introduction to Public Speaking .....	3
<b>A minimum of fifteen (15) units from the following: .... 15</b>	
<b><i>Group A: At least 6 units must come from Group A.</i></b>	
COMM 311 Argumentation and Debate (3)	
COMM 321 Interpersonal Communication (3)	
COMM 331 Group Discussion (3)	
<b><i>Group B: An additional 6 units must come from Group B or any course not used in Group A.</i></b>	
COMM 305 Oral Interpretation (3)	
COMM 315 Persuasion (3)	
COMM 325 Intercultural Communication (3)	
COMM 341 Organizational Communication (3)	
COMM 351 Mass Media and Society (3)	
COMM 363 Introduction to Communication Theory (3)	
COMM 373 Forensics Laboratory (2)	
<b><i>Group C: An additional 3 units must come from Group C or any course not used in Groups A and B.</i></b>	
ANTH 310 Cultural Anthropology (3)	
ENGWR 301 College Composition and Literature (3)	
ENGWR 302 Advanced Composition and Critical Thinking (3)	
PSYC 300 General Principles (3)	
SOC 300 Introductory Sociology (3)	
<b>TOTAL UNITS REQUIRED .....</b>	<b>18</b>

The Associate of Arts in Communication Studies for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the

California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Communication Studies at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

**This program has the following completion requirements:**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
    - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
    - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
  2. Obtainment of a minimum grade point average of 2.0.
- AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

**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 RECOGNITION**  
**Applied Communication Skills**

<u>REQUIRED PROGRAM</u>	<u>Units</u>
COMM 301 Introduction to Public Speaking (3) or COMM 361 The Communication Experience (3) .....	3
<b>A minimum of nine (9) units from the following:.....9</b>	
COMM 311 Argumentation and Debate (3)	
COMM 315 Persuasion (3)	
COMM 321 Interpersonal Communication (3)	
COMM 325 Intercultural Communication (3)	
COMM 331 Group Discussion (3)	
COMM 341 Organizational Communication (3)	
COMM 351 Mass Media and Society (3)	
<b>TOTAL UNITS REQUIRED .....</b>	<b>12</b>

Effective communication skills allow people to improve many areas of their lives, but especially their social, academic, and professional lives. Effective communication skills are among the top skills sought by organizations. The Certificate in Applied Communication Skills provides meaningful and marketable skills designed to further a student’s personal, academic and professional growth. Courses in this certificate may be applied towards associate degree and/or transfer requirements.

**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. (C-ID COMM 190)

**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: ENGWR 51 with a grade of "C" or better; or placement into ENGWR 101 via the assessment process.*

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

*CSU Area D; IGETC Area 4*

*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 students' 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 D*

*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 conflict negotiation teams and problem solving/decision making groups. The dynamics of leadership and communication will be explored. Current techniques of evaluating organizational communication for the purpose of improving organizational effectiveness will also be examined.



**COMM 351****Mass Media and Society****3 Units***Same As: JOUR 310**Prerequisite: None**General Education: AA/AS Area V(b); CSU Area D; IGETC Area 4**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; only one of these courses may be taken for credit. (C-ID JOUR 100)

**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 D; IGETC Area 4**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 160B)

**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** **1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***COMM 498****Work Experience in Communication and Media Studies****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Communication and Media Studies. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**COMM 499 Experimental Offering in Communication****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Computer Information Science

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## DEGREE

AS — Computer Science  
AS — Information Technology

## CERTIFICATES OF ACHIEVEMENT

Computer Programming  
Computer Programmer - SQL  
Mobile Programming  
Relational Database Administration

## CERTIFICATE OF RECOGNITION

Database Analyst - SQL

## Description

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

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

- Computer Science and Programming
- Database Technology and Information Technology

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

Computer Engineer  
Computer Technologist  
Firmware Engineer  
Programmer  
Software Architect  
Software Engineer  
Software Verification & Testing  
Systems Analyst  
Systems Designer  
Technical Manager  
Technician

*Many of these options require a bachelor’s degree, although some entry-level opportunities exist for individuals with an associate 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.

## Computer Science and Programming

### DEGREE

AS — Computer Science

### CERTIFICATES OF ACHIEVEMENT

Computer Programming  
Mobile 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

**DEGREE****AS — Computer Science**

<b>Required Program</b>	<b>Units</b>
CISC 310 Introduction to Computer Information Science .....	3
CISP 300 Algorithm Design/Problem Solving .....	3
CISP 310 Assembly Language Prog. for Microcomputers (4)	
<b>or</b> ENGR 303 Introduction to Logic Design (4) .....	4
CISP 360 Introduction to Structured Programming .....	4
CISP 400 Object Oriented Programming with C++ (4)	
<b>or</b> CISP 401 Object Oriented Programming with Java (4) .....	4
CISP 430 Data Structures .....	4
CISP 440 Discrete Structures for Computer Science .....	3
<b>A minimum of five (5) units from the following:</b> .....	<b>5</b>
CHEM 400 General Chemistry I (5)	
CISC 315 Introduction to Computer Game Design (3)	
CISP 351 Introduction to Relational Database Design and SQL (3)	
CISP 362 Programming for Mobile Devices I (4)	
CISP 363 Programming for Mobile Devices II (4)	
CISP 370 Beginning Visual Basic (4)	
CISP 400 Object Oriented Programming with C++ (4)	
CISP 401 Object Oriented Programming with Java (4)	
CISP 405 Object Oriented Programming using C# on Visual Studio .NET (4)	
CISW 400 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)	
PHYS 411 Mechanics of Solids and Fluids (4)	
<b>TOTAL UNITS REQUIRED</b> .....	<b>30</b>

Transfer students should select electives and general education courses to fulfill the requirements of the transfer institution. Transfer students are advised to consult with an FLC counselor to plan their programs. Transfer students should also see [www.assist.org](http://www.assist.org) for required transfer course articulation.

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 of 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.

**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.

**DEGREE****AS — Information Technology**

**Note: This program is pending CCCC approval.**

<b>Required Program</b>	<b>Units</b>
CISC 310 Introduction to Computer Information Science .....	3
CISN 304 Networking Technologies (3) .....	3
CISP 300 Algorithm Design/Problem Solving .....	3
CISP 360 Introduction to Structured Programming .....	4
CISS 310 Network Security Fundamentals .....	3
<b>A minimum of six (6) units from the following:</b> .....	<b>6</b>
BUS 310 Business Communications (3)	
CISC 326 Linux Systems (3)	
CISP 351 Introduction to Relational Database Design and SQL (3)	
COMM 341 Organizational Communication (3)	
<b>A minimum of four (4) units from the following:</b> .....	<b>4</b>
MATH 341 Calculus for Business and Economics (4)	
MATH 343 Modern Business Mathematics (4)	
MATH 400 Calculus I (5)	
STAT 300 Introduction to Probability and Statistics (4)	
<b>TOTAL UNITS REQUIRED</b> .....	<b>26</b>

The Information Technology Associate in Science (A.S.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

This degree allows students to acquire basic core Information Technology competencies that will prepare them for a career in Computer Networking, Cybersecurity, and related fields.

## Program Student Learning Outcomes

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

- Apply fundamental knowledge of computing and the current use of technology techniques, skills, and tools necessary for the computing practice.
- Evaluate and solve business problems with technology solutions using qualitative and quantitative information.
- Assess user needs in the selection, creation, evaluation and administration of computer-based information systems.

## CERTIFICATE OF ACHIEVEMENT

### Computer Programming

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) .....	4
CISP 430 Data Structures .....	4
CISP 440 Discrete Structures for Computer Science.....	3
<b>TOTAL UNITS REQUIRED .....</b>	<b>21</b>

For Gainful Employment Info and Opportunities:  
[www.losrios.edu/gainful-emp-info/gedt.php?major=041607C01](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041607C01)

The Computer Programming Certificate provides students with the basic proficiencies required of entry level software technicians and computer programmers, or for further study in computer science.

## 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.

## CERTIFICATE OF ACHIEVEMENT

### Mobile Programming

Required Program	Units
CISP 300 Algorithm Design/Problem Solving .....	3
CISP 360 Introduction to Structured Programming (4) or CISP 401 Object Oriented Programming with Java (4) .....	4
CISP 362 Programming for Mobile Devices I.....	4
CISP 363 Programming for Mobile Devices II.....	4
<b>TOTAL UNITS REQUIRED .....</b>	<b>15</b>

This certificate offers a program of study for students seeking jobs in the fields of mobile application development. It provides opportunities to develop the necessary skills and aptitudes for designing, developing and testing a variety of application programs for mobile devices.

## Program Student Learning Outcomes

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

- Analyze how a mobile application program is developed using tools included in a software development kit.
- Design software using object-oriented methods to develop event driven programs for mobile application programs.
- Publish mobile applications in an application marketplace.

## 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). 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

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

#### Highlights

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

## DATABASE LADDER - LEVEL 1

### CERTIFICATE OF RECOGNITION Database Analyst - SQL

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	Introduction to Relational Database Design & SQL.....	3
CISP 352	Intermediate SQL.....	3
<b>TOTAL UNITS REQUIRED .....</b>		<b>14</b>

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.

#### Program Student Learning Outcomes

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

- Create client applications using Structured Query Language (SQL).
- Design, create, alter and drop tables in a relational database management system.
- Design an Entity-Relationship Diagram for a database.
- Compare and contrast hierarchical, network, and relational databases.

**DATABASE LADDER - LEVEL 2****CERTIFICATE OF ACHIEVEMENT  
Computer Programmer - SQL**

<b>REQUIRED PROGRAM</b>	<b>Units</b>
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 Introduction to Relational Database Design & SQL.....	3
CISP 352 Intermediate SQL.....	3
CISP 353 Application Development in a Client Server Environment .....	3
<b>2-4 units selected from the following:</b> .....	<b>2-4</b>
CISP 370 Beginning Visual BASIC (4) or CISA 320 Database Management (1) and CISA 321 Intermed Database Management (1)	
<b>TOTAL UNITS REQUIRED</b> .....	<b>19-21</b>

*For Gainful Employment Info and Opportunities:  
www.losrios.edu/gainful-emp-info/gedt.  
php?major=041497C01*

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.

**Program Student Learning Outcomes**

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

- Design, create, alter and drop database objects such as tables, stored procedures and user-defined functions.
- Create client applications using the Structured Query Language (SQL).
- Insert, update, and delete data in database tables.
- Demonstrate use of the common gateway interface (CGI) protocol and apply those concepts to build an interactive web page to access a relational database management system.

**DATABASE LADDER - LEVEL 3****CERTIFICATE OF ACHIEVEMENT  
Relational Database Administration**

<b>REQUIRED PROGRAM</b>	<b>Units</b>
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 Introduction to Relational Database Design & SQL.....	3
CISP 352 Intermediate SQL .....	3
CISP 354 Introduction to Relational Database Admin....	3
<b>TOTAL UNITS REQUIRED</b> .....	<b>20</b>

*For Gainful Employment Info and Opportunities:  
www.losrios.edu/gainful-emp-info/gedt.  
php?major=041498C01*

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.

**Program Student Learning Outcomes**

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

- Install, configure and upgrade Relational Database Management System software.
- Plan and execute database backup and recovery.
- Create, alter, and drop database users and groups.
- Manage database objects to satisfy database security requirements.
- Apply system administration concepts and perform tasks such as creating file systems and monitor system performance.

## Computer Info Science - Applications (CISA)

### CISA 299

**Experimental Offering in Computer Information Science - Applications** .5-4 Units  
*Prerequisite: None*

### 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 the Microsoft Access application, students will design and implement practical database applications. Topics include such items as database and report design, data views and queries, and data maintenance.

### 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*

## 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 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 examination of information systems and their role in business. The focus is on information systems, database management systems, networking, e-commerce, ethics and security, computer systems hardware and software components. Students will develop experience applying these concepts and methods through hands-on projects creating computer-based solutions to business problems. (C-ID BUS 140)

### CISC 315

**Introduction to Computer Game Design** 3 Units  
*Prerequisite: None*  
*Course Transferable to CSU*  
*Hours: 54 hours LEC*

This course introduces students to the fundamentals of game design with an emphasis in applying those fundamentals to the creation of computer games. Students will explore the various genres of computer games, including hardware and mobile games. No programming skills are required. Students will explore the relationship between player experience and game mechanics.



**CISC 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 326****Linux System****3 Unit***Prerequisite: None**Advisory: CISC 325**Course Transferable to CSU**Hours: 36 hours LEC; 54 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, file security, Perl and C scripting, Common Gateway Interface, system installs, administration, security, and graphical user shells such as X-Windows. Not open to students who have completed CISC 325.

**CISC 495****Independent Studies in Computer Information Science - Core****1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***CISC 498****Work Experience in Computer Information Science - Core****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Computer Information Science. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**CISC 499****Experimental Offering in Computer Information Science - Core****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

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## Computer Info Science - Networking (CISN)

### CISN 299 Experimental Offering in Computer Information Science - Networking **.5-4 Units**

*Prerequisite: None*

### CISN 304 Networking Technologies **3 Units**

*Prerequisite: None*

*Advisory: CISC 310 with a grade of "C" or better.*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course provides a comprehensive survey of local and wide area networks, technologies, protocols, and connectivity. Topics covered include network topologies, the Open Systems Interconnection seven-layer model for communication, communication protocols and standards, access methods, and data translation and transmission equipment and media. This course is intended to prepare students for programming and system administration activities as well as the CompTIA Network+ certification exam.

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## Computer Info Science - Programming (CISP)

### CISP 300 Algorithm Design/Problem Solving **3 Units**

*Prerequisite: None*

*Advisory: CISC 310*

*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. (C-ID COMP 142)

### 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, 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. (C-ID COMP 112; C-ID COMP 122)

**CISP 362****Programming for Mobile Devices I****4 Units***Prerequisite: None**Advisory: CISC 310 and CISP 300 with grades 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 360 or 362 with a grade of "C" or better.**Advisory: CISP 401**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 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 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 360 with a grade of "C" or better.*

*Course Transferable to UC/CSU*

*Hours: 54 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. This provides the student with a well rounded background in Java and is good preparation for advanced topics.

**CISP 405****Object Oriented Programming using C# on Visual Studio .NET 4 Units**

*Prerequisite: CISP 360, 370, or 401 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 as explore other .NET technologies such as Web Services, Windows Services, and .NET Remoting.

**CISP 407****Programming in Python 4 Units**

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

*Course Transferable to CSU*

*54 hours LEC; 54 hours LAB*

This course provides an introduction to programming with Python. It is designed to enhance students' abilities to implement programs in Python. Topics include input/output considerations, decision structures and flow control, functions, file processing, and data structures. An introduction to objects will be included.

**CISP 430****Data Structures 4 Units**

*Prerequisite: CISP 400 with a grade of "C" or better.*

*Course Transferable to UC/CSU*

*Hours: 54 hours LEC; 54 hours LAB*

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: CISP 360 and MATH 370 with grades of "C" or better; or placement through the assessment process.*

*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: binary number representation and arithmetic, sets, relations, functions, formal propositional logic and proofs, digital logic and combinational circuits, finite state machines, regular expressions and formal grammars. Students will implement programs to illustrate principles of discrete structures.

**CISP 499****Experimental Offering in Computer Information Science - Programming .5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

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## Computer Info Science - Security (CISS)

### CISS 310

#### Network Security Fundamentals 3 Units

*Prerequisite: CISN 304 with a grade of "C" or better.*

*Course Transferable to CSU*

*Hours: 45 hours LEC; 27 hours LAB*

This course provides fundamental knowledge for system risk analysis and a workable security policy implementation that protects information assets from potential intrusion, damage, or theft. The required content of the Computing Technology Industry Association (CompTIA) Security+ certification exam is covered. (C-ID ITIS 160)

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## Computer Info Science - Web (CISW)

### CISW 300

#### Web Publishing 3 Units

*Prerequisite: None*

*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 320

#### Introduction to Web Development 3 Units

*Prerequisite: CISC 310 with a grade of "C" or better.*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course introduces fundamental aspects of coding HTML and CSS. Technical aspects of Web development will be included for using text, images, links, objects, and multimedia on Web pages. Open source developer tools and online resources will be introduced. Websites will be managed locally and on a network using effective file management and file transfer protocols. World Wide Web Consortium (W3C) recommended standards will be emphasized using a structured approach in writing validated, adaptive code for multiple devices: cell, tablet, desktop. Students must have access to high-speed internet, necessary hardware, software, and other digital resources.

### CISW 321

#### Web Site Development Using Dreamweaver 3 Units

*Prerequisite: CISC 305 with a grade of "C" or better.*

*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 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*

# Dance

## Dean

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## DEGREE

AA — Dance Studies

### Description

The dance studies curriculum at Folsom Lake College offers students the opportunity to develop a breadth of multi-disciplinary dance abilities and knowledge. This curriculum provides students with an exploration of world dance history, pedagogy, injury prevention, and technical skills in classical and contemporary styles including, but not limited to, ballet, jazz, modern, contemporary, hip-hop, and ethnic/folk forms. Career options such as performing, choreography, dance studio business ownership, dance movement therapy, and non-profit arts management will enhance students' appreciation of dance as a global industry, as well as a cross-culturally meaningful expressive form. Comprehensive, academically rigorous classes will sharpen their leadership and critical thinking skills, preparing students for success in dance either at a university or in the workplace.

### Career Options

Choreography  
Dance Studio Business Ownership  
Dance Movement Therapy  
Non-Profit Arts Management  
Pedagogy  
Performing  
Teacher Training  
Teaching

### Highlights

- Folsom Lake College's Main Folsom campus features a lofty spacious dance studio with sprung hardwood flooring, natural light, floor to ceiling mirrors, state-of-the-art sound system, 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 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 381 Pedagogy: Theory and Practice.....	2
DANCE 382 Fitness Injury Prevention and Management (2) .....	2
or KINES 417 Fitness Injury Prevention and Management (2) .....	
DANCE 410 Dance Composition and Production I.....	2
<b>A minimum of four (4) units from the following: .....</b>	<b>4</b>
COMM 321 Interpersonal Communication (3)	
DANCE 351 Urban Hip Hop I (1)	
DANCE 440 Performing and Touring Group: MOSAIC Dance Company I (3)	
DANCE 495 Independent Studies in Dance (1-3)	
DANCE 498 Work Experience in Dance (1-4)	
FITNS 324 Mat Pilates (1)	
FITNS 392 Yoga (1)	
FITNS 395 Stretch (1)	
FITNS 414 Tai Chi (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)	
<b>TOTAL UNITS REQUIRED .....</b>	<b>20</b>

### 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.

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## 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 or lyrical/contemporary 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. 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. Students will be responsible for obtaining appropriate dance attire.

### 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 culture brings to today's society. No previous dance experience is necessary. Low traction, comfortable athletic shoes and loose fitting clothing will be required, and some students may wish to wear knee pads. This course was formerly known as Dance 311. This course is not open to students who have received credit for Dance 311.

**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 377****Musical Theatre Dance I****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 provides students an opportunity to explore the musical theatre genre, including dance movement, audition techniques, singing and acting basics as well as analysis of fundamental theoretical concepts associated with the early American musical at the turn of the twentieth century. Lectures and movement activities will highlight the historical context of early musicals, and trace how musicals are reflective of society. Students will engage in basic dance technique exercises, as well as learn musical theatre choreography which will culminate in a formal presentation of group choreography. Previous experience with musical theatre dance is not required. Students must acquire appropriate dance shoes and attire.

**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**General Education: CSU Area E2**Course Transferable to UC/CSU**Hours: 30 hours LEC; 18 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 382****Fitness Injury Prevention and Management 2 Units***Prerequisite: None**General Education: AA/AS Area III(b)**Course Transferable to CSU**Hours: 36 hours LEC; 72 hours LAB*

This course is an introduction to the identification, care, prevention and management of chronic/overuse fitness injuries, basic first aid and nutrition. Students may be required to provide minor first aid supplies such as elastic wrap or athletic tape. This class does not deal with extreme trauma injuries that might occur in athletics or dance. Not open to students who have completed KINES 417.

**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. This course was formerly known as Dance 372. This course is not open to students who have received credit for Dance 372.

**DANCE 411****Dance Composition and Production II 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 and 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**General Education: AA/AS Area III(a); CSU Area E2**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 UC/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. Student may be exposed to several genres of dance including but not limited to: Ballet, Jazz, Tap, Hip-Hop, Lyrical, Contemporary and other cultural styles. Students must 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**General Education: AA/AS Area III(a); CSU Area E2**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 UC/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**General Education: AA/AS Area III(a); CSU Area E2**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 UC/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**General Education: AA/AS Area III(a); CSU Area E2**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 UC/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: 54-162 hours LAB*



**DANCE 498****Work Experience in Dance****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Dance. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**DANCE 499****Experimental Offering in Dance****.5-4 Units***Prerequisite: None**General Education: CSU Area E2**Course Transferable to CSU*

# Early Childhood Education

## Dean

Brian Robinson  
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## Department Chair

Lisa Daly  
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## 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

## Description

The Folsom Lake College early childhood education curriculum 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

Administrator/Director of ECE Programs  
Art Therapist  
Child/Family Life Specialist  
Child Psychologist  
Children's Librarian  
Doula  
Early Childhood Educator  
Early Intervention Specialist  
Family Child Care Provider  
Family Engagement Advocate  
Guidance Counselor  
Home Visitor  
Infant-Toddler Educator

Instructors/Trainer  
Mentor/Coach  
Nanny  
Parks & Recreation Counselor  
Pediatric Nurse  
Public Policy Advocate  
Researcher  
Social Worker  
Special Education Teacher

*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, and ECE 498) must show evidence of TB clearance and record of immunizations before working with children. Some lab placements may require fingerprinting.

**DEGREE****AA — Early Childhood Education**

<b>REQUIRED PROGRAM</b>		<b>Units</b>
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 and Toddler 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
<b>TOTAL UNITS REQUIRED .....</b>		<b>38</b>

**Suggested Electives for fulfilling GE or 60-unit degree requirement:**

ANTH 310, ART 430, BIOL 307, BUS 310, COMM 301, 325, 361, ECE 350, 498, ECON 302, ENGED 320, ENGLT 370, ENGRW 101, 300, 302, GEOG 306, GEOL 305, HIST 307, 308, 312, MATH 120, 310, MUFHL 330, MUIVI 370, 371, MUSM 370, NUTRI 300, POLS 301, PSYC 368, SILA 305, 306, SOC 321, SPAN 401, 402, 411, 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.

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.

Upon completion of the AA degree, a student possesses the course work required to work as a teacher in both private and public early learning settings, serving infants through preschool-age children. Additionally, the individual can work as a teacher in before-and-after school programs, serving school-age children.

**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**

<b>REQUIRED PROGRAM</b>	<b>Units</b>
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 and Toddler 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
<b>TOTAL UNITS REQUIRED .....</b>	<b>43</b>

**Suggested Electives:**

ANTH 310, ART 430, BIOL 307, BUS 310, COMM 301, 325, 361, ECE 350, 356, 361, ECON 302, ENGED 320, ENGLT 370, ENGWR 101, 300, 302, GEOG 306, GEOL 305, HIST 307, 308, MATH 120, 310, MUFHL 330, MUIVI 370, MUSM 370, NUTRI 300, PSYC 368, SILA 305, SOC 321, SPAN 401

This program provides a foundation for in-depth early childhood teacher preparation both through strong general education and through introductory studies in child development and in early childhood curriculum and pedagogy. Topics include an introduction to the profession, observation techniques, age-appropriate curriculum, child in the context of family and culture, and health and safety practices for early childhood educators.

Upon successful completion of the AA Site Supervisor, and with appropriate documented experience, a student demonstrates knowledge, preparation and competencies to supervise single site early learning programs and to serve as coordinator of curriculum and staff development. Degree exceeds the minimum educational requirements for employment as a director/manager of a privately funded early learning program as outlined in Title 22 Department of Social Services regulations for childcare licensing.

**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.



Associate Degree  
for Transfer  
*A Degree with a Guarantee.<sup>SM</sup>*

## DEGREE

### AS-T — 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 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
<b>TOTAL UNITS REQUIRED .....</b>		<b>26</b>

The Associate of Science in Early Childhood Education for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Early Childhood Education at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

This program provides a foundation in core theoretical constructs and principles and practices in the field of Early Childhood Education. Students graduating with the Associate in Science in Early Childhood Education A.S. for Transfer Degree will have opportunities for advanced study as Preschool and Elementary Education Teachers, Child Development Specialists, Program Directors, Child Life Specialists, Master Teachers, and Site Supervisors. Students seeking careers requiring Master's Degrees in areas such as Early Childhood Education, Child Development, Child Psychology and Special Education would benefit from the foundation of study provided by this program. Completion of this program also provides students the benefit of meeting the requirements to work as associate teachers in early care and education programs.

#### This program has the following completion requirements:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
    - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
    - A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
  - Obtainment of a minimum grade point average of 2.0.
- AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

#### 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 can apply to the Commission on Teacher Credentialing for issuance of Child Development Permits.

### CERTIFICATE OF RECOGNITION Early Childhood Education, Assistant Teacher

<u>REQUIRED PROGRAM</u>	<u>Units</u>
ECE 300 Introduction to Principles and Practices in Early Childhood Education (3) or ECE 314 The Child, The Family, and The Community (3).....	3
ECE 312 Child Development (3) or PSYC 372 Child Development (3).....	3
<b>TOTAL UNITS REQUIRED</b> .....	<b>6</b>

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/PSYC 372, the student will be able to:

- Discriminate among philosophies of early childhood education in regards to assumptions about how young children learn and how early childhood teachers should teach.
- Define and identify the role of observation, documentation, and interpretation of children’s play as a tool for planning curriculum for young children and assessing their learning.
- Analyze the developmental stages and growth processes across the domains of development from the prenatal period through adolescence.

- Describe how theories, principles and foundations of child development inform and guide practical application.
- Apply acquired knowledge, skills, and abilities of certificate coursework toward successful completion of an Early Childhood Education Associate Teacher Certificate.
- Apply for an assistant teacher position in an early childhood educational setting.

Upon completion of ECE 312 and ECE 314/PSYC 372, 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

<u>REQUIRED PROGRAM</u>	<u>Units</u>
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
<b>TOTAL UNITS REQUIRED</b> .....	<b>13</b>

This certificate provides the educational coursework that serves as the core curriculum for the early childhood education field. Topics include an introduction to the profession, observation techniques, age-appropriate curriculum, and the child in the context of the family and community. Additionally, there is a focus on practicing these concepts in a supervised field/lab environment. With documented work experience, the student is also eligible to apply to the Commission on

Teacher Credentialing for the Associate Teacher Child Development Permit.

This certificate allows the student to work as a teacher in a private early care and education (Title 22) program, serving infants/toddlers, preschool-age children, and school-age children in before-and-after school programs. With the Associate Teacher Child Development Permit, an individual can work as an assistant or associate teacher in a publicly funded (Title 5) early care and education program.

**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 that support children’s learning through play, exploration, and problem solving.
- Build on systematic observations of children’s behavior to design, implement, and evaluate developmentally and culturally appropriate learning activities for young children.
- Analyze the influence of family, community, and culture on the child and identify local resource agencies that support families.
- Distinguish and apply positive guidance and conflict resolution strategies that teach children self-discipline and effective, respectful social skills within a diverse group of peers.
- Recognize ethical standards and demonstrate professional behaviors that deepen understanding, knowledge, and commitment to the Early Childhood Education profession.

**CERTIFICATE OF ACHIEVEMENT**  
**Early Childhood Education Teacher**

<u>REQUIRED PROGRAM</u>	<u>Units</u>
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 and Toddler 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
<b>TOTAL CORE UNITS REQUIRED .....</b>	<b>29</b>
<b>GENERAL EDUCATION UNITS .....</b>	<b>16</b>
<b>TOTAL UNITS REQUIRED .....</b>	<b>45</b>

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.

*For Gainful Employment Info and Opportunities:*  
[www.losrios.edu/gainful-emp-info/gedt.php?major=041329C01](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041329C01)

**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
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 and Toddler 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
<b>A minimum of sixteen (16) units from the following: ....</b>	<b>16</b>
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.	
<b>SUB-TOTAL UNITS REQUIRED .....</b>	<b>47</b>

MASTER TEACHER SPECIALIZATION OPTIONS (see specialization list below).....	6
<b>TOTAL UNITS REQUIRED .....</b>	<b>53</b>

#### **Master Teacher Specialization Options:**

Select one (1) six-unit option below. Note: Courses may not double count for core and specialization.

<b>Art with Children .....</b>	<b>6 units</b>
ECE 361 Introducing Young Children to Visual Arts (3)	
<b>And a minimum of three (3) units from the following:</b>	
ART 320 Design: Fundamentals (3)	
ART 430 Art and Children (3)	
ARTH 300 Introduction to Art (3)	

<b>Bilingual/Bicultural Development.....</b>	<b>6 units</b>
ECE 430 <sup>1</sup> Culture and Diversity in Early Childhood Education (3)	

<b>And a minimum of three (3) units from the following:</b>	
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)	
<b>OR one of the following Foreign Language courses:</b>	
French, Spanish or American Sign Language (3)	

<sup>1</sup>ECE 430 may be used for this specialization, even if it was used for the Teacher Certificate. The certificate will then be a total of 50 units.

<b>Children with Exceptional Needs .....</b>	<b>6 units</b>
ECE 404 Children with Special Needs (3)	
<b>And a minimum of three (3) units from the following:</b>	
SILA 305 American Sign Language 1 (4) or SILA 306 American Sign Language 2 (4)	

<b>Children's Health, Safety and Nutrition.....</b>	<b>6 units</b>
NUTRI 300 Nutrition (3)	
<b>And a minimum of three (3) units from the following:<sup>2</sup></b>	
ECE 415 Children's Health, Safety & Nutrition (3) or NUTRI 320 Children's Health, Safety & Nutrition (3)	

<sup>2</sup>ECE 415/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.

<b>Infant and Toddler Care.....</b>	<b>6 units</b>
ECE 330 Infant and Toddler Development (3) <sup>3</sup>	
ECE 331 Care and Education of Infants and Toddlers (3)	

<sup>3</sup>ECE 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.



**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)

**STEAM in ECE..... 6 units**ECE 342 Constructive Math and Science in  
Early Childhood Education (3)

ECE 361 Introducing Young Children to Visual Arts (3)

The Master Teacher Certificate meets the requirements for teaching in a publicly funded early care and education program. Upon successful completion of the Master Teacher Certificate, students will demonstrate knowledge, preparation and competencies to be a lead or supervising teacher in early learning programs, mentor teacher for practicum students, or coordinator of curriculum and staff development. The Master Teacher Certificate requires an additional 6 units of specialized study beyond the teacher level certificate, allowing students to select a focus of study which may include: Science, Technology, Engineering, Art, and Mathematics (STEAM), Art with Children, Bilingual/Bicultural Development, Children with Exceptional Needs, Children's Health, Safety and Nutrition, Infant and Toddler Care and Music with Children. Applicants must verify required experience teaching children and supervising staff to be recommended to the California Commission on Teacher Credentialing for issuance of the Master Teacher Child Development Permit.

This certificate qualifies students to be a master teacher or a supervising teacher in early care and education programs. Upon completion of this certificate and with documented related experience, the individual is eligible to be a lead teacher and/or mentor teacher in both publicly and privately funded programs serving young children and their families.

**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.

For Gainful Employment Info and Opportunities:  
[www.losrios.edu/gainful-emp-info/gedt.php?major=041328C01](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041328C01)

**CERTIFICATE OF ACHIEVEMENT****Early Childhood Education, Site Supervisor**

<b>REQUIRED PROGRAM</b>	<b>Units</b>
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 and Toddler 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
<b>TOTAL UNITS REQUIRED .....</b>	<b>37</b>

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.

There is a need for competent site supervisors in private and public Early Childhood programs. Estimates of employment positions and new openings in the entire United States, California, and Sacramento and El Dorado Counties, for this year and the coming several years, indicate current and expected continued growth in the early childhood education industry.

### 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.

*For Gainful Employment Info and Opportunities:*  
[www.losrios.edu/gainful-emp-info/gedt.php?major=041330C01](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041330C01)

## 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 ACHIEVEMENT

#### Early Childhood Education, Infant Specialist

<b>REQUIRED PROGRAM</b>		<b>Units</b>
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 and Toddler Development .....	3
ECE 331	Care and Education of Infants and Toddlers .....	3
ECE 415	Children's Health, Safety and Nutrition (3) or NUTRI 320 Children's Health, Safety and Nutrition (3).....	3
<b>TOTAL UNITS REQUIRED .....</b>		<b>22</b>

Upon successful completion of an Infant Specialist Certificate, and with appropriate documented experience, a student demonstrates knowledge, preparation and competencies to be an infant and toddler teacher in an early learning program. Certificate completion exceeds minimum requirements for a teacher of infants and toddlers in privately funded early childhood education programs (as required by Title 22 of the California Social Services Code of Regulations) and as an associate teacher of infants and toddlers in publicly funded early learning programs (as required by Title 5 California Education Code of Regulations.) A student who completes this certificate also possesses the course work required for the Child Development Associate Teacher Permit issued by the California Commission on Teacher Credentialing.

One of the most dramatic increases in recent years has been in infant and toddler programs. In fact, center-based care for infants and toddlers represents the fastest growing type of early childhood program today so there is a huge demand for infant specialists.

### 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.

*For Gainful Employment Info and Opportunities:*  
[www.losrios.edu/gainful-emp-info/gedt.php?major=041094C01](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041094C01)

## CERTIFICATE OF ACHIEVEMENT

### Early Childhood Education, School Age Specialist

<b>REQUIRED PROGRAM</b>	<b>Units</b>
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).....	3
<b>TOTAL UNITS REQUIRED .....</b>	<b>29</b>

Upon successful completion of the School-Age Specialist Certificate, and with appropriate documented experience, a student demonstrates knowledge, preparation and competencies to be a teacher of school-age children in a before and after school child care program. The certificate exceeds the minimum requirements for employment as a teacher in privately funded before and after school child learning programs as outlined in Title 22 Department of Social Services regulations for childcare licensing.

Individuals with the School-Age Specialist Certificate will be qualified to work in school-age before-school, after-school, and other school-age child learning centers that are state funded. This certificate, in addition to the experience requirements, will authorize individuals to apply for a permit that will allow them to provide instruction and supervise Assistant and Associate Teachers in programs serving youths up to age fourteen.

### 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:  
[www.losrios.edu/gainful-emp-info/gedt.php?major=041611C01](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041611C01)

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## Early Childhood Education (ECE)

### ECE 295

#### Independent Studies

#### in Early Childhood Education

**1-3 Units**

*Prerequisite: None*

*Hours: 18 hours LEC; 54-162 hours LAB*

### ECE 299

#### Experimental Offering

#### in Early Childhood Education

**.5-4 Units**

*Prerequisite: None*

### 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 provides 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 312

#### Child Development

**3 Units**

*Same As: PSYC 372*

*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 D; CSU Area E1; IGETC Area 4*

*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*

*General Education: AA/AS Area III(b); CSU Area D; 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: Students must show proof of negative tuberculosis as well as being immunized against influenza, pertussis, and measles prior to participating in the lab. Fingerprinting clearance is required for some lab placements.*

*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 and required immunizations. Fingerprinting clearance is required for some lab placements. (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: Students must show proof of negative tuberculosis as well as being immunized against influenza, pertussis, and measles prior to participating in the lab. Fingerprinting clearance is required for some lab placements.*

*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 and required immunizations. Fingerprinting clearance is required for some lab placements. (C-ID ECE 210)

**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 and Toddler Development 3 Units**

*Prerequisite: None*

*General Education: AA/AS Area V(b)*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course examines infant development, from pre-conception to three years of age, providing a review of research findings related to infancy and implications for infant care.

**ECE 331****Care and Education of Infants and Toddlers 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 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: ENGWR 101; 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. (C-ID EDUC 200)

**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 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 provides a broad overview of the characteristics, assessment techniques, methods of intervention, natural environments, community and family resources, and current issues of young children from birth to age eight with special needs. The focus is to increase the awareness and understanding of children's individual needs in an early childhood setting and to provide practical information to those currently involved with children with special needs. Observations in public and private children's centers, schools and agencies may be required.

**ECE 415****Children's Health, Safety and Nutrition 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 I: Programs in Early Childhood Education 3 Units***Prerequisite: ECE 300 with a grade of "C" or better; and either ECE 312 or PSYC 372 with grades of "C" or better; Or, BA in Child Development or related field from a regionally accredited college or university.**Advisory: ECE 320**Course Transferable to CSU**Hours: 54 hours LEC*

This course provides an introduction to the administration of early childhood programs. It covers program types, budgets, management, regulations, laws, and the development and implementation of policies and procedures. It also examines various administrative tools, philosophies, and techniques needed to open, organize, and operate an early care and education program.

**ECE 422****Administration II: Personnel and Leadership in Early Childhood Education 3 Units***Prerequisite: ECE 320 and 420 with grades of "C" or better.**Course Transferable to CSU**Hours: 54 hours LEC*

This course covers effective strategies for personnel management and leadership in early care and education settings. It includes legal and ethical responsibilities, supervision techniques, professional development, and reflective practices for a diverse and inclusive early care and education program.

**ECE 424****Adult Supervision: Mentoring  
in a Collaborative Learning Setting** **2 Units***Prerequisite: ECE 314 and 320 with grades of "C" or better.**Course Transferable to CSU**Hours: 36 hours LEC*

This course covers principles and methods of supervising student teachers, volunteers, staff, and other adults in early care and education settings. Emphasis is on the roles and development of early childhood professionals as mentors and teachers working collaboratively to guide a teaching team or individual within a classroom setting.

This course satisfies the adult supervision requirement for the CA Child Development Master Teacher Permit and Site Supervisor permit issued by the CA Commission on Teacher Credentialing.

**ECE 430****Culture and Diversity  
in Early Childhood Education** **3 Units***Prerequisite: None**General Education: AA/AS Area V(b); 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 452****Making for Educators** **3 Units***Prerequisite: None**Advisory: ECE 312**Hours: 54 hours LEC*

This course will explore the theoretical and applied constructs of the maker movement in the field of education using current tenets of the social constructivist approach to learning; including inquiry, game and problem-based learning, and design thinking.

**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: 54-162 hours LAB*



**ECE 498****Work Experience  
in Early Childhood Education****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Early Childhood Education. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**ECE 499****Experimental Offering  
in Early Childhood Education****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Economics

## Dean

Brian Robinson  
(916) 361-6330  
RCC, RCC1-144

## Department Chair

C.D. Vickrey  
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RCC, RCC1-146

## DEGREES

AA-T — Economics

### Description

The Folsom Lake College economics curriculum studies how people and societies produce various commodities and distribute them for consumption, now or in the future. FLC's economics offerings include the study of the American economic system, using techniques for the analysis of contemporary economic problems.

### 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.



Associate Degree  
for Transfer

*A Degree with a Guarantee.™*

## DEGREE

### AA-T — Economics

REQUIRED PROGRAM	Units
ECON 302 Principles of Macroeconomics.....	3
ECON 304 Principles of Microeconomics.....	3
MATH 341 Calculus for Business and Economics (4)	
or MATH 400 Calculus I (5) .....	4-5
STAT 300 Introduction to Probability and Statistics .....	4
<b>A minimum of six (6) units from the following:.....</b>	<b>6</b>
<i>One course must be taken from List A and one additional course from List A or List B.</i>	
<b>List A</b>	
ACCT 301 Financial Accounting (4)	
ACCT 311 Managerial Accounting (4)	
MATH 401 Calculus II (5)	
<b>List B</b>	
ECON 320 Concepts in Personal Finance (3)	
or BUS 320 Concepts in Personal Finance (3)	
MATH 402 Calculus III (5)	
MATH 410 Introduction to Linear Algebra (3)	
<b>TOTAL UNITS REQUIRED .....</b>	<b>20-21</b>

The Associate of Arts in Economics for Transfer degree program provides students with a major that fulfills the general requirements of the California State University for transfer. Students with this degree will receive priority admission with junior status to the California State University system. Students interested in transferring to a CSU campus to pursue a bachelor's degree in Economics should meet with a counselor to confirm the courses required for lower-division preparation in the major.

### This program has the following completion requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.

- B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

2. Obtainment of a minimum grade point average of 2.0.

AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

### Program Student Learning Outcomes

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

- Explain terms and concepts used in macroeconomics and microeconomics.
- Evaluate models to explore consequences of economic policy proposals on households and businesses.
- Evaluate economic models to explore the consequences of macroeconomic events and the probable consequences of macroeconomic policy proposals on the whole economy.
- Solve problems requiring the application of economics, statistics and mathematics.
- Apply accounting and economic concepts and principles in making decisions about firm operations.

## Economics (ECON)

### ECON 302

#### Principles of Macroeconomics

**3 Units**

*Prerequisite: MATH 120 with a grade of "C" or better, or placement through the assessment process.; or one full year of High School Algebra II with grades of "C" or better in each semester.*

*General Education: AA/AS Area V(b); CSU Area D; IGETC Area 4*

*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. (C-ID ECON 202)

### ECON 304

#### Principles of Microeconomics

**3 Units**

*Prerequisite: MATH 120 with a grade of "C" or better, or placement through the assessment process.; or one full year of High School Algebra II with grades of "C" or better in each semester.*

*General Education: AA/AS Area V(b); CSU Area D; IGETC Area 4*

*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. (C-ID ECON 201)

### ECON 320

#### Concepts in Personal Finance

**3 Units**

*Same As: BUS 320*

*Prerequisite: None*

*General Education: AA/AS Area V(b); AA/AS Area III(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: 54-162 hours LAB*

### ECON 499

#### Experimental Offering in Economics

**.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

# Emergency Medical Technology

## Dean

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## Department Chair

Reynando Accooe  
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## CERTIFICATE OF ACHIEVEMENT

Emergency Medical Studies

### Description

EMT Basic 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 EMT 101 course is designed to provide students with the skills and knowledge necessary to apply for certification as an Emergency Medical Technician Basic 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. The EMT Basic 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 Basic students will gain field experience by spending twelve hours off-campus in operating ambulance units and an additional twelve hours in a hospital emergency department, offering a distinct advantage in patient assessment and critical interventional skills.

### Career Options

EMT Basic  
Emergency Room Technician  
Fire Service

#### *With additional training:*

Emergency Medical Dispatcher  
Firefighter  
Paramedic  
Physician  
Physician Assistant  
Registered Nurse  
Rescue Worker

### Highlights

- Hands-on experience in administering proper emergency medical care.
- Preparation for the EMT Basic certificate.
- Hospital emergency room observation time and opportunities to "ride along" in ambulances.
- Opportunity for patient contact experience in a clinical setting.
- Students completing the program average a pass rate for National Certification that is 25% above the national average.

## CERTIFICATE OF ACHIEVEMENT

### Emergency Medical Studies

<b>REQUIRED PROGRAM</b>	<b>Units</b>
AH 110 Medical Language for Health-Care Providers ....3	
COMM 321 Interpersonal Communication (3)	
<b>or</b> COMM 325 Intercultural Communication (3).....3	
EMT 101 Emergency Medical Technician Training .....7	
FITNS 381 Weight Training.....1	
NUTRI 300 Nutrition (3)	
<b>or</b> NUTRI 302 Nutrition for Physical Performance (3)..3	
PSYC 340 Abnormal Behavior .....3	
<b>TOTAL UNITS REQUIRED</b> .....	<b>20</b>

This Certificate program is based on the EMT Basic course with additional education in related topics. This course of study prepares the student to sit for the National Registry or EMT exam. The student will have the basic building blocks for a career in the Fire Service as well as a career in Emergency Medical Services.

### Program Student Learning Outcomes

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

- Demonstrate knowledge, skills and abilities commensurate with current standards of care in the field of Emergency Medicine at the EMT Basic level such as assessment of the sick and injured, management of emergency situations such as maintaining an open airway, providing oxygen therapy and immobilization of musculoskeletal injuries.

- Utilize professional and interpersonal communication skills with colleagues, and patients in various levels of physical and psychological distress and from various cultures.
- Complete and pass the National Registry Exam.

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## Emergency Medical Technology (EMT)

### EMT 101

#### Emergency Medical Technician Training **7 Units**

*Prerequisite: All EMT 101 students must have an American Heart Association BLS for the Health Care Provider CPR card (required under NHTSA and California Regulations) prior to the first day of class.*

*Advisory: AH 110; students are also advised to take an anatomy and physiology course prior to taking this course.*

*Enrollment Limitation: Students will be required to complete background checks/drug screens, purchase uniforms, verify immunizations, obtain TB clearance, and fulfill other requirements as determined by site for the clinical component of this course. This course is 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. EMT students gain clinical experience in an ambulance and in emergency departments of hospitals. This course is recognized by both the Sacramento and El Dorado County Health Departments, Division of Emergency Medical Services, which are the certifying agencies for Sacramento and El Dorado Counties by the State of California. This certification is mandatory for all who wish to pursue a career working on an ambulance as a paramedic. EMT certification is also a pre-employment requirement for most fire departments. To be compliant with OSHA regulations, students may not have a beard or any facial hair below the lip. A final grade of "B" or better is required for a course completion certification. All students must bring a watch with seconds displayed each day to class. Students will also be required to have PPE (gloves) and other EMT equipment to participate in the clinical component. All students must purchase an EMT student T-shirt to be worn to all class sessions. Dark blue work pants will be required for the ER and ambulance experience. Students must purchase liability insurance from the college.

### 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 (EMT) 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 current California State certified EMT - Basic (1) and meets all state requirements for EMT (1) re-certification 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. Basic Life Support (CPR) cards are not issued upon completion of this course. Students that have expired EMT (1) 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) re-certification exam. This course is not a complete NREMT re-certification course; only psychomotor skills certification for NREMT. A watch with a second hand and any type of pocket-sized EMS field reference guide is required. This course is graded on a Pass/No Pass basis. This course may be taken up to four times for credit. Students may need internet access in order to complete some of the course assignments.

### EMT 299

#### Experimental Offering in Emergency Medical Technology **.5-4 Units**

*Prerequisite: None*

# Engineering

## Dean

Greg McCormac  
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## Department Chair

Daniel Hale  
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### Description

The Folsom Lake College engineering curriculum provides the foundation in mathematics, physics, and engineering necessary to transfer to a university and complete a bachelor's degree in engineering. Engineering involves the application of scientific and mathematical principles needed to solve practical technical problems. Although the first two years of engineering courses for all engineering degrees are similar, students should consult the lower division requirements of the institution to which they wish to transfer.

### Career Options

Aerospace Engineer  
Architectural Engineer  
Biomedical Engineer  
Chemical Engineer  
Civil Engineer  
Computer Engineer  
Electrical Engineer  
Environmental Engineer  
Mechanical Engineer

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

### Highlight

- Challenging and rewarding classes that transfer to four-year universities.

## Engineering (ENGR)

### ENGR 303

#### Introduction to Logic Design

**4 Units**

*Prerequisite: None*

*Advisory: Some previous exposure to programming at the high school level or above.*

*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: 54-162 hours LAB*

**ENGR 499**  
**Experimental Offering in Engineering** **.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

# English

## Dean

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## Department Chair

Tina Royer  
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## DEGREES

AA — English  
AA-T — English

### Description

The Folsom Lake College English department offers broad study in the fields of the written and spoken language. This study focuses on the development of skills that are essential to every other discipline. In particular, the ability to read and write effectively will prove invaluable to any student.

### Career Options

Columnist/Journalist  
Editor/Evaluator  
Lawyer  
Legislative Assistant  
Librarian  
Manager  
Methods Analyst  
Novelist  
Public Relations Liason  
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 (3)	
	or ENGWR 302 Adv Comp & Critical Thinking (3) .....	3

#### Electives - a minimum of six (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 313	Arthurian and Chivalric 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)	
ENGLT 360	Women in Literature (3)	
ENGLT 370	Children and Literature (3)	
ENGLT 402	Introduction 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.



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## 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 twelve (12) units from the following: .....12**

*You must select 6 units of Literature Electives and the remaining 6 units may come from either the Literature Electives or the General Electives.*

#### Literature Electives

ENGLT 310	English Literature (3)
ENGLT 311	English Literature (3)
ENGLT 320	American Literature (3)
ENGLT 321	American Literature (3)
ENGLT 340	World Literature (3)
ENGLT 341	World Literature (3)

#### General Electives

ENGLT 303	Introduction to the Short Story (3)
ENGLT 313	Arthurian and Chivalric Literature (3)
ENGLT 319	Introduction to English Epic Poetry (3)
ENGLT 330	African American Literature (3)
ENGLT 339	Postmodern American Fiction (3)
ENGLT 345	Mythologies of the World (3)
ENGLT 360	Women in Literature (3)
ENGLT 370	Children and Literature (3)
ENGLT 402	Introduction to Shakespeare and Film (3)
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)

**TOTAL UNITS REQUIRED .....18**

The Associate of Arts in English for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in English at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

#### This program has the following completion requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
  - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

#### 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; or placement into ENGWR 300 via the assessment process.*

*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 into ENGWR 300 via the assessment process.*

*General Education: AA/AS Area II(b); 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 into ENGWR 300 through the assessment process.*

*General Education: AA/AS Area II(b)*

*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 into ENGWR 300 through the assessment process.*

*General Education: AA/AS Area II(b)*

*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*

*Course Transferable to CSU*

*Hours: 54 hours LEC; 54 hours LAB*

This course provides instruction and editorial staff experience in producing a literary and fine arts magazine. Editorial staff collaborate with multiple departments to prepare FLC's college magazine, The Machine, for national competitions sponsored by organizations such as the Columbia Scholastic Press Association and the Associated Collegiate Press. The course focuses on the selection and editing of literary content, and on the publicity, marketing, fundraising, and distribution of a magazine. This course may be taken four times for credit.

## ENGCW 495

### Independent Studies in English - Creative Writing

**1-3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54-162 hours LAB*

## ENGCW 499

### Experimental Offering in English - Creative Writing

**.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

# 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: 54-162 hours LAB*

## ENGED 499

### Experimental Offering in English - Education

**.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

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## 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.

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## 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 through 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.

**ENGLT 310****English Literature I****3 Units**

*Prerequisite: ENGWR 300 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 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 II****3 Units**

*Prerequisite: ENGWR 300 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 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; CSU Area C2;*

*IGETC Area 3B*

*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 into ENGWR 300 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 work of literature that could be considered an epic like Beowulf or Tennyson's *Idylls of the King*). Additionally, this course involves a cursory study of the lives of the poets and of their times to understand themes in their respective works, ultimately to put their poems in an historical context and to recognize their influences on literature and on the world as a whole and to appreciate these poems individually as works of art.

**ENGLT 320****American Literature I 3 Units**

*Prerequisite: ENGWR 300 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 surveys representative early American literature from approximately 1620 to 1865, the Civil War period. It begins with a consideration of pre-colonial American influences such as Native American oral tradition and European exploration of the Americas, through Colonial literature, to the emergence of a distinctive national literature, the "American Renaissance," "reformism," and the diversity of voices that will continue into modern American literature. (C-ID ENGL 130)

**ENGLT 321****American Literature II 3 Units**

*Prerequisite: ENGWR 300 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 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; or placement into ENGWR300 through 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 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 I****3 Units***Prerequisite: ENGWR 300 with a grade of "C" or better.**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 II****3 Units***Prerequisite: ENGWR 300 with a grade of "C" or better;**ENGWR 300 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 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.**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 is a survey of literature from the Middle Ages through the 21st Century, designed for students who are interested in examining the writing of and about women and their roles in literature, both as writers and as protagonists. Emphasis will be placed on literature that develops protagonists and explores literary themes found in these works, such as: women representative of or in conflict with their societies; women and power; women as daughters, wives, mothers, sisters, leaders; independence vs. dependence; domestic vs. public space; women in relation to men and to each other. In developing cultural competency, students will also explore related issues as discovered in the readings, including ethnocentrism, racism, ageism, classism, gender construction, gender inequity, sexual orientation, and religious differences. The literary selections may include essays, biographies, short stories, novels, poems, and plays. These works will be considered in various critical and theoretical perspectives: feminist, historical, formalist/ New Critical, psychoanalytical, sociological, biographical, Marxist, and eco-critical.

**ENGLT 370****Children and Literature****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*

*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 and evaluating 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 enjoys reading children's literature. (C-ID ENGL 180)

**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*

This course will draw connections between traditional and contemporary literary genres as students read William Shakespeare's selected histories, comedies, tragedies, and romances, critically analyzing film versions of the plays, and examining the effects of various cultural eras from Elizabethan to contemporary culture on various stage and film versions.

**ENGLT 495****Independent Studies in Literature****1-3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54-162 hours LAB*

**ENGLT 499****Experimental Offering  
in English - Literature****.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

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**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.

**Individualized English Instruction**

You can improve your English skills in a comfortable, supportive environment. The Reading & Writing Centers at the Main Folsom campus and the Rancho Cordova Center and the English Center at the El Dorado Center 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; 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 or RCC Reading & 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.

**FLC Reading & Writing Center**  
Cypress Hall FL2-239  
(916) 608-6517

**EDC English Center**  
C-213  
(530) 642-5686

**RCC Reading & Writing Center**  
Learning Resource Center (RCC1-203)  
(916) 361-6339

**ENGRD 18****Individualized Reading Skills****1-2 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 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 FLC Reading and Writing Center or EDC English Center 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 208****Reading for Academic Achievement****3 Units***Prerequisite: ENGRD 110 or ESLR 320 with a grade of "C" or better, or placement through the assessment process.**Advisory: ENGLB 71 and ENGWR 48**General Education: AA/AS Area II(b)**Enrollment Limitation: This course is not open to students who have already completed ENGRD 310.**Hours: 54 hours LEC*

This course covers the theory and practice of analytical and speed reading skills and strategies required for proficient and effective reading of college level reading materials. The class focuses on the following: scaffolding of proficient comprehension skills; analytical evaluation of college level essays; critical reading skills for college level textbooks; using critical reading and thinking skills when reading on the Internet and doing research; vocabulary development; and building of flexible reading rate and speed. These skills will be developed through application in varied reading materials. This course meets reading competency. (Competency: Reading)

**ENGRD 299****Experimental Offering in English - Reading****.5-4 Units***Prerequisite: None***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**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. (Competency: Reading)



# English - Writing (ENGWR)

## ENGWR 33

### Support for College Composition **2 Units**

*Prerequisite: ENGWR 51 with a grade of "C" or better, or placement through the assessment process.*

*Corequisite: ENGWR 300*

*Hours: 36 hours LEC*

This course provides further instruction in the critical thinking and writing skills for successful completion in college composition. Writing assignments are all connected to the students' assignments in ENGWR 300. The course includes the drafting, revision and editing process, as well as instruction in research and MLA citation.

## ENGWR 39

### Basic Writing Skill Development **2 Units**

*Prerequisite: None*

*Hours: 36 hours LEC*

This course provides instruction in basic writing skills, including the composing of simple, compound and complex sentences and a review of paragraph structure, organization and development. The class is taught in an individualized, modular format and is graded on a Pass/No Pass basis. 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 basic 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 and 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 and Writing 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 four full-process essays (at least 3000 words total).

**ENGWR 299****Experimental Offering in English - Writing .5-4 Units**

*Prerequisite: None*

**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 emphasizes writing and includes reading, research, and critical thinking skills essential for successful completion of a college degree. Writing assignments include expository and argumentative essays (6,000 words minimum for course) using MLA documentation and format. Reading assignments include a variety of transfer-level texts of substantial length including one full-length literary work. (C-ID ENGL 100; Competency: Writing)

**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 four critical essays totaling 6000 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. Essays written for the course (6,000 words minimum) draw from a variety of texts and contexts to present carefully reasoned arguments. (C-ID ENGL 105)

**ENGWR 495****Independent Studies in English - Writing****1-3 Units**

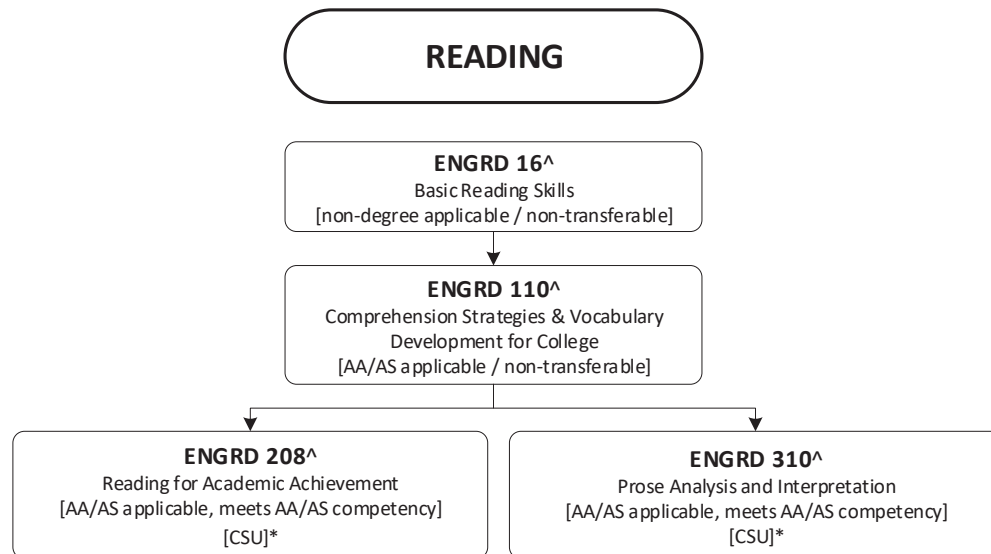
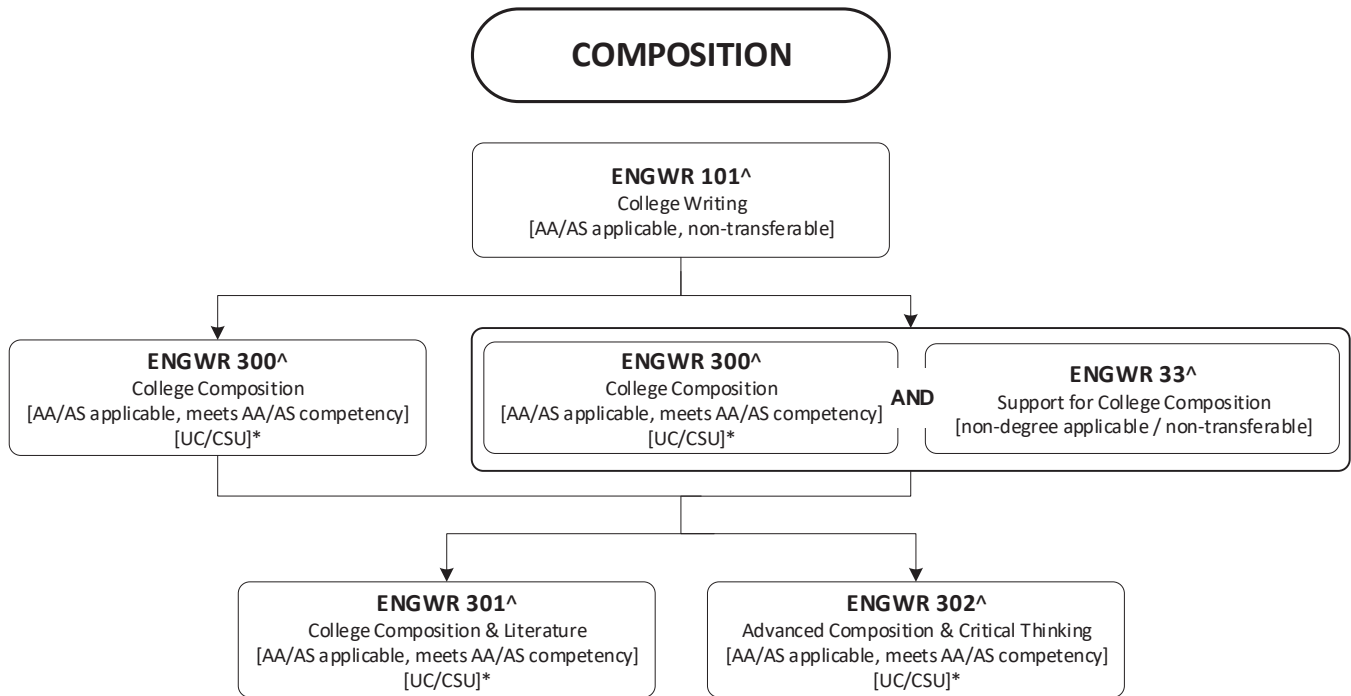
*Prerequisite: None*  
*Course Transferable to CSU*  
*Hours: 54-162 hours LAB*

**ENGWR 499****Experimental Offering in English - Writing .5-4 Units**

*Prerequisite: None*  
*Course Transferable to CSU*

# Folsom Lake College English Sequence

*Based on the results of the assessment process, I place in the following classes:*



**KEY:**  
 ^ = Eligibility can be determined by assessment process  
 \* = Speak with a counselor for transfer information

**NOTE: Current as of March 2018; subject to change**

# English as a Second Language

## Dean

BJ Snowden  
(916) 608-6752  
FLC, Harris Center PAC-2262

## Department Chair

Bernadette Anayah  
(916) 608-6522  
FLC, Cypress Hall FL2-138

### Description

Folsom Lake College offers courses in English as a second language (ESL) designed to provide students with the command of the English language necessary to pursue both transfer level and career education courses. Students can enter with virtually no knowledge of English and progress to an extremely proficient level.

### 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 91

### Beginning Independent Lab

**.5-4 Units**

*Prerequisite: None*

*Corequisite: Concurrent enrollment in a speaking and listening, reading, or writing class at levels 20 through 50.*

*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 topics such as grammar, composition, reading, vocabulary, listening, pronunciation, study skills, and workplace skills to develop and reinforce the use of the English language. Students may register until the end of the ninth week of the semester if space allows. This course is pass/no pass and is not a substitute for other ESL courses. Students must complete 27 hours of work to earn 0.5 unit of credit. This course may be taken for up to 4 units total, at a rate of .5 or 1.0 unit per semester, until the 4-unit limit is reached.

## 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 topics such as grammar, composition, reading, vocabulary, listening, pronunciation, study skills, and workplace skills to develop and reinforce the use of the English language. Students may register until the end of the ninth week of the semester if space allows. This course is 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 4 times or up to 4 units, whichever comes first.

## ESL 299

### Experimental Offering

### in English as a Second Language

**.5-4 Units**

*Prerequisite: None*

## 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.

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## ESL - Grammar (ESLG)

**ESLG 50****Intermediate-Mid Grammar** **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.*

*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 299****Experimental Offering in English as a Second Language - Grammar** **.5-4 Units**

*Prerequisite: None*

**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 (Intermediate-High Grammar) 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.

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## ESL - Listening (ESLL)

**ESLL 20****Novice Listening and Speaking** **4 Units**

*Prerequisite: None*

*Corequisite: ESL 91*

*Advisory: ESLR 20 (Novice Reading) 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*

**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.

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## 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*

# ESL - Writing (ESLW)

## ESLW 20

### Novice Writing

4 Units

*Prerequisite: None*

*Corequisite: ESL 91*

*Advisory: ESLL 20 (Novice Listening and Speaking) and ESLR 20 (Novice Reading); 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 310

### Intermediate-High Writing

4 Units

*Prerequisite: ESLW 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 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 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 UC/CSU*

*Hours: 72 hours LEC*

In this course, students 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.

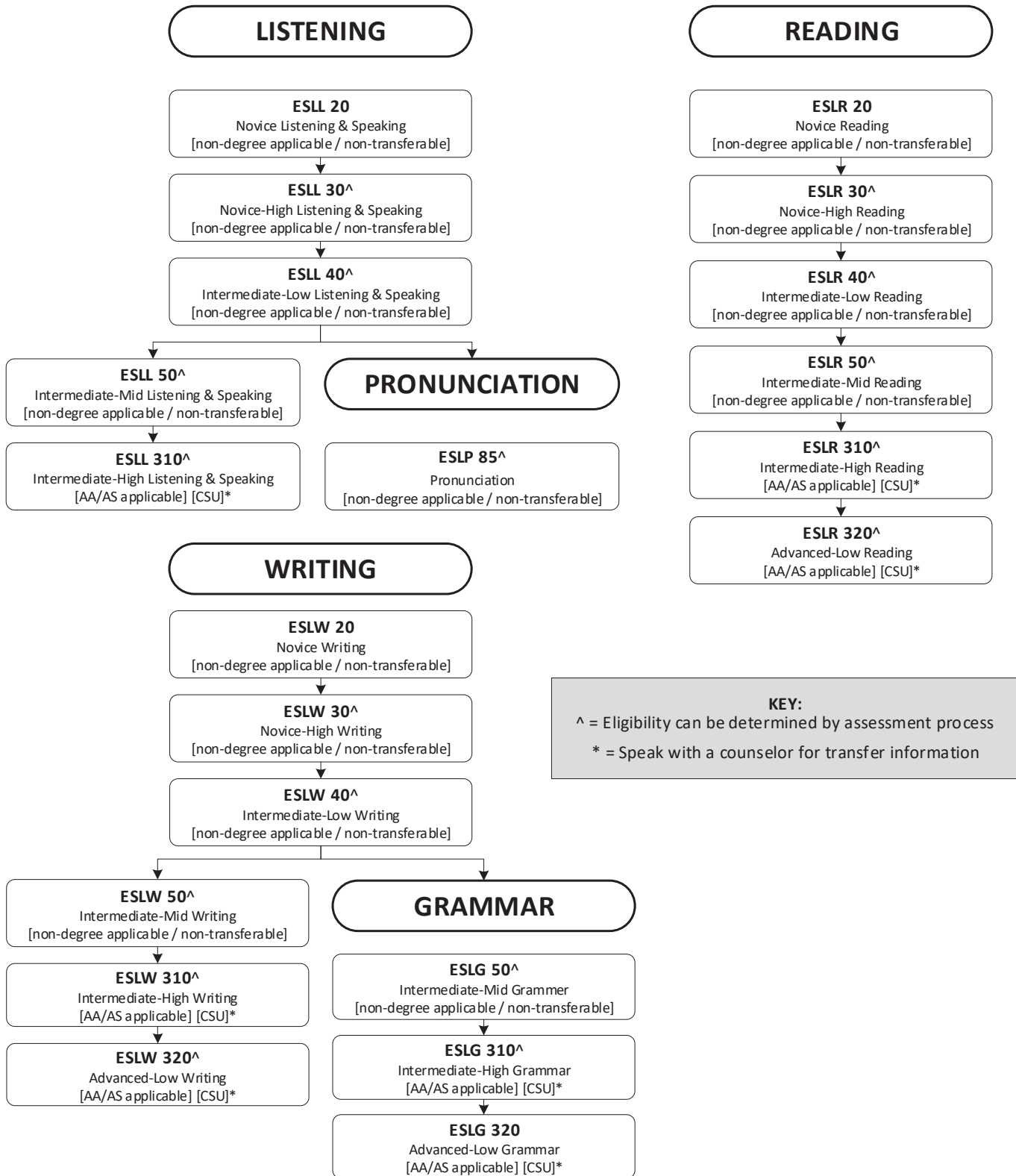
**ESLW 499****Experimental Offering in English as a Second Language - Writing****.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

# Folsom Lake College English as a Second Language (ESL) Sequence

Based on the results of the assessment process, I place in the following classes:



**KEY:**  
 ^ = Eligibility can be determined by assessment process  
 \* = Speak with a counselor for transfer information

NOTE: Current as of MARCH 2018; subject to change

# Environmental Technology

## Dean

Vicky Maryatt  
(916) 608-6925  
FLC, Cypress Hall FL2-149

## Department Chair

David Lagala  
(530) 642-5638  
EDC, B-257

## CERTIFICATES OF ACHIEVEMENT

### Water/Wastewater Management

#### Description

Folsom Lake College offers courses and/or programs in environmental technology (ENVT) for two purposes:

Environmental Technology - to provide foundational content to students interested in environmental protection, sustainability, regulatory compliance, and workplace safety and health applications. Students pursuing study in environmental technology, environmental studies, sustainability, natural resources, and related fields may continue their studies at other two- or four-year institutions. Students completing degrees in these and related disciplines may be employed by businesses and governmental agencies that require a knowledge of techniques for storage, treatment, transport, and disposal of hazardous materials; a basic understanding of the chemical and biological phenomena which underlie environmental protection; and an understanding of environmental health and safety. Technicians may be employed in remediation, monitoring, compliance, or environmental information applications.

Water/Wastewater Management – to prepare students in competency areas to enter the field or to enhance existing abilities of individuals already employed in the field seeking to advance in Certified Operator Grade Level. Students may seek employment by private and municipal wastewater treatment facilities or industrial treatment plants. Careers in water/wastewater technology generally involve the administration, operation, troubleshooting and maintenance of water/wastewater treatment facilities as well as sewer collection systems. Significant opportunities also exist in raw water distribution, recycled water production, desalination, advanced treatment of wastewater for indirect and direct potable use, water storage and distribution, water conservation, and enhancing the energy efficiency of wastewater treatment facilities.

## Career Options – Environmental Technology

Agricultural Chemical Manufacture & Application Firms  
Analytical Laboratories  
Electronics Semiconductor Industry  
Energy & Environmental Audit/Inventories  
Engineering/Consulting Firms  
Governmental Compliance Agencies  
Solid Waste Disposal Landfills  
Storage, Treatment, Disposal Facilities  
Warehouse-Transportation Systems  
Workplace Health and Safety Support

*Many career options 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 college or university program.*

## Career Options – Water/Wastewater Management

Backflow Program Manager  
California Certified Wastewater Treatment Plant Operator  
California Certified Drinking Water Treatment Plant Operator  
Cross Connection Control Specialist  
Equipment Maintenance Operator  
Instrumentation and Control Technician or Supervisor  
Mechanical Systems Technician  
Meter Maintenance Technician  
Plant Process Control Supervisor  
Recycled Water Inspector  
Water Systems Technician

## Highlight – Environmental Technology

- Broad-based field with applications ranging from recordkeeping to pollution cleanup to emergency response.

## Highlights – Water/Wastewater Management

- Streamlined curriculum designed to meet the competency areas for students interested in entering into the field of water and wastewater management and to enhance the existing abilities of an individual already employed in the field.

- Broad-based field providing a firm foundation of the training 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.

**CERTIFICATE OF ACHIEVEMENT**  
**Water/Wastewater Management**

<u>REQUIRED PROGRAM</u>	<u>Units</u>
BUSTEC 110 Business Procedures for Professional Success .....	3 <sup>1</sup>
ENVT 351 Math for Water and Wastewater Operators.....	3
ENVT 353 Science for Water and Wastewater Operators ..	4
ENVT 354 Waste Water Management: Basic Instrumentation and Electrical Controls..	4
ENVT 355 Introduction to Water, Wastewater and Recycled Water Management.....	3
ENVT 380 Water and Wastewater Treatment Plant Operations I .....	3
ENVT 381 Water and Wastewater Treatment .....	3
ENVT 382 Water and Wastewater System Regulations .... and Management.....	3
ENVT 383 Water Distribution and Wastewater Collection Systems.....	3
<b>TOTAL UNITS REQUIRED .....</b>	<b>29</b>

<sup>1</sup>Business course offered by other department. In the event this course is unavailable or cancelled, other similar business courses with like content may be substituted, as approved by faculty.

*For Gainful Employment Info and Opportunities:*  
[www.losrios.edu/gainful-emp-info/gedt.php?major=041946C01](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041946C01)

This program is designed to meet the competency areas for students interested in entering into the field of Water and Wastewater Management and to enhance the existing abilities of an individual already employed in the field.

**Program Student Learning Outcomes**

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

- Review the history and importance of community water and wastewater systems, their social benefits, common operational challenges, and how they support and promote the welfare of all modern societies.
- Evaluate water and wastewater system regulations (federal and state), water pollution control and safe drinking water laws, environmental economics that influence pollution control strategies, the importance of environmental stewardship, application of scientific concepts in water/wastewater management, and other factors that influence programs that protect public health and the environment.
- Examine common water and wastewater treatment processes and principles, including fundamental physical, chemical, and biologic treatment processes common in the proper operation of water and wastewater facilities.
- Evaluate hydraulic and fluid dynamic principles of water, and application of these principles to wastewater collection and water distribution systems.
- Use, define, and apply industry terminology, nomenclature, and common water and wastewater treatment technical terms to classify, compare, and differentiate water and wastewater processes.
- Formulate mathematical models and equations to analyze, plan, evaluate, manage, troubleshoot, correct, and predict water and wastewater system processes.
- Assess professional and ethical responsibilities of a water/wastewater treatment practitioner as it relates to the principle objectives of public and environmental health.
- Explain occupational health and safety protocols to address risks encountered in water/wastewater treatment, wastewater collection, water distribution, and water recycling operations.
- Apply personal safety practices which demonstrate an understanding of personal safety practices in the water, wastewater and recycled water industries.
- Seek employment in the water and wastewater industries in the region.

# 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 351

### Math for Water and Wastewater Operators

**3 Units**

*Prerequisite: None*

*Advisory: ENVT 355 and MATH 100*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course provides an introduction to quantitative analysis of wastewater and water processes. Topics covered include general math, including significant figures and proper rounding, applicable algebraic and geometry equations, unit analysis, volumes, flows, pressures, conversions, solution strengths, and applicable laboratory and chemistry equations used in water and wastewater treatment operations.

## ENVT 353

### Science for Water and Wastewater Operators

**4 Units**

*Prerequisite: ENVT 351 with a grade of "C" or better.*

*Advisory: ENVT 355*

*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: ENVT 353 with a grade of "C" or better.*

*Advisory: ENVT 351*

*Course Transferable to CSU*

*Hours: 54 hours LEC; 54 hours LAB*

This course is an introduction to power and electrical circuits, induction motors, electromagnetic concepts, and various devices used to control and measure flow, pressure, depth, chemical feed, and other operating parameters associated with water and wastewater distribution and treatment systems. Field trips may be required.

## ENVT 355

### Introduction to Water, Wastewater and Recycled Water Management

**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 management of public and private utilities, the history of water supply, water and treatment and distribution, wastewater collection and treatment, and recycling water in the world and in the United States; water rights in California, environmental economics related to pollution, and an overview of the State and federal regulations governing water supply, wastewater treatment and recycled water use, including permitting requirements and operator certification program. Field trips will be required.

**ENVT 380**  
**Water and Wastewater**  
**Treatment Plant Operations I** **3 Units**

*Prerequisite: None*

*Corequisite: ENVT 351*

*Advisory: ENVT 355*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course provides an introduction to water and wastewater treatment plant operations and maintenance. Topics covered include responsibilities of the plant operator, preliminary treatment systems including racks, screens, grit removal, comminutors, sedimentation, clarification, flotation, biological treatment processes, activated sludge, chemical treatment processes, filtration, disinfection and chlorination. Field trips and/or a semester project may be required.

**ENVT 381**  
**Water and Wastewater**  
**Treatment Plant Operations II** **3 Units**

*Prerequisite: ENVT 380 with a grade of "C" or better.*

*Corequisite: ENVT 353*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course provides an introduction to water and wastewater treatment plant operations and maintenance. Topics covered include responsibilities of the plant operator, preliminary treatment systems including racks, screens, grit removal, comminutors, sedimentation, clarification, flotation, biological treatment processes, activated sludge, chemical treatment processes, filtration, disinfection and chlorination. Field trips and/or a semester project may be required.

**ENVT 382**  
**Water and Wastewater System**  
**Regulations and Management** **3 Units**

*Prerequisite: ENVT 355 with a grade of "C" or better.*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course provides an understanding of existing and emerging concerns in the water and wastewater fields, including conservation, recycled water, groundwater basin management, source water protection, energy and water, asset management and mapping programs, and challenges on the horizon, such as emerging contaminants, regulations, and impacts of climate change.

**ENVT 383**  
**Water Distribution**  
**and Wastewater Collection Systems** **3 Units**

*Prerequisite: None*

*Corequisite: ENVT 351*

*Advisory: ENVT 355*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course provides an understanding of water distribution and wastewater collection systems operation and maintenance. Topics covered include: design criteria, storage, pumping, construction methods, system testing, control of water quality in a water distribution system, federal and state regulations pertaining to potable and non-potable supplies, maintenance and administration of a distribution and collection system. This course prepares students for state distribution and CWA collection operator exams. Field trips may be required.

**ENVT 495**  
**Independent Studies**  
**in Environmental Technology** **1-3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54-162 hours LAB*

**ENVT 498****Work Experience  
in Environmental Technology****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Environmental Technology. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**ENVT 499****Experimental Offering  
in Environmental Technology****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# French

## Dean

BJ Snowden  
(916) 608-6752  
FLC, Harris Center PAC-2262

## Department Chair

Vivianne Ritzi-Marouf  
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FLC, Cypress Hall FL2-228

### Description

Folsom Lake College offers elementary and intermediate courses in French designed to provide students with the ability to understand basic conversations, to speak with reasonable fluency, and to write at their speaking level. It offers students the necessary skills to pursue advanced transfer level courses.

French, along with English, is the official working language of: the United Nations, UNESCO, NATO, OECD (Organization for Economic Cooperation and Development), the International Labor Bureau, the International Olympic Committee, the 31-member Council of Europe, the European Community, the Universal Postal Union, the International Red Cross, and the UIA (Union of International Associations). French is the dominant working language at: the European Court of Justice, the European Tribunal of First Instance, the Press Room at the European Commission, and CERN (European Centre for Nuclear Research). French is also the foreign language spoken by our largest trading partner, Canada.

### Career Options

Airlines/Travel  
Banking  
Bilingual Education/Teacher's Aide  
Bilingual Telecommunications  
Emergency Services  
Fashion & 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.

Please Note: Native speakers who have high school-equivalent reading and writing skills in French should enroll in the FREN 411 level course (or above.)

## 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 with a "C" or better.*

*General Education: AA/AS Area I; CSU Area C2; IGETC Area 3B; IGETC Area 6*

*Enrollment Limitation: None*

*Course Transferable to UC/CSU*

*Hours: 54 hours LEC; 54 hours LAB*

This is the first semester Intermediate French. It is designed for students who have completed French 402 or three years of high school French. It provides refinement of skills attained in French 402. Students will work toward the ability to create with the language without relying on learned responses, to understand main ideas in routine speech and to understand main ideas in written texts. Listening and reading comprehension will continue to develop; speaking and writing will be comprehensible to a somewhat sympathetic native speaker. Students will develop the ability to respond in an unrehearsed manner on concrete topics in known situations. Written expression will meet limited personal needs and culturally appropriate language at a higher level of accuracy than found in French 402. Students will analyze the complexity of the French speaking world through some of its social and political institutions, its different communication systems and media, and its artistic contribution to the world.

**FREN 412****Intermediate French****4 Units**

*Prerequisite: FREN 411 with a grade of "C" or better; or four years of high school French 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 the second semester of Intermediate French. It is designed for students who have completed French 411 or four years of high school French. It provides continued development of skills attained in French 411. Students will develop the ability to handle complex situations using past, present and future time frames. It will help develop the student's emerging ability to handle complicated situations, to discuss topics beyond immediate personal needs (e.g. current events, social, political, economical and environmental issues; history, traditions, and customs). This course will focus on development of written narratives and expository prose along with increased awareness of cultural concerns, norms, values, and cultural-specific customs and events, with emphasis placed on culturally-authentic readings and writing through the introduction and application of basic literary analysis. Students will expand their knowledge and appreciation of geography, culture and values of the French-speaking world and its contribution to the world.

**FREN 495****Independent Studies in French****1-3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54-162 hours LAB*

**FREN 499****Experimental Offering in French****.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

# General Education Transfer

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### CERTIFICATES OF ACHIEVEMENT

CSU General Education  
Intersegmental General Education Transfer Curriculum (IGETC)

## CERTIFICATE OF ACHIEVEMENT CSU General Education

### 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:

- Explain the values of a culture as expressed through its art or language.
- Demonstrate effective expository and persuasive writing skills.
- Develop a reasoned solution to a problem.
- Evaluate new and accepted ideas about the natural universe using testable methodology.
- Evaluate the methods of inquiry and evidence used in the behavioral and social sciences.

## CERTIFICATE OF ACHIEVEMENT

### Intersegmental General Education Transfer Curriculum (IGETC)

### 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/BreAD-Th 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:

- Explain the values of a culture as expressed through its art or language.
- Demonstrate effective expository and persuasive writing skills.
- Develop a reasoned solution to a problem.
- Evaluate new and accepted ideas about the natural universe using testable methodology.
- Evaluate the methods of inquiry and evidence used in the behavioral and social sciences.

# Geography

## Dean

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## DEGREE

AA-T — Geography

## CERTIFICATE OF ACHIEVEMENT

Geographic Information Systems (GIS)

## Description

Geography is a spatial science that studies the Earth's physical features and its human elements. 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, which is how people and their activities are distributed in space, how people use and perceive space, and how people create and sustain the places that make up Earth's surface. Physical geographers study the physical elements and spatial processes that make up and shape the environment, including energy, air, water, weather, climate, landforms, soils, animals, and plants.

Geographers also study the linkages between human activity and natural systems. Geographers were, in fact, among the first scientists to sound the alarm that human-induced changes to the environment were beginning to threaten the balance of life itself. Geographers today are active in the study of global warming, desertification, deforestation, loss of biodiversity, groundwater pollution, flooding, and sustainability.

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 institution with a major in geography should consult the lower division requirements at the university they plan to attend.

## Career Options

Cartographer  
Climatologist  
Demographer  
Educator (elementary through university)  
Environmental Consultant

Geoscientist  
GIS Analyst  
International Business  
International Development  
Land Surveyor  
Marketing Analyst  
Natural Resource Management  
Park Ranger  
Real Estate Analyst  
Remote Sensing Specialist  
Research Scientist  
Tourism  
Transportation Specialist  
Urban and Regional Planning

*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, Point Reyes, Monterey/Big Sur, and the Lake Tahoe area.



Associate Degree  
for Transfer  
*A Degree with a Guarantee.™*

## DEGREE

## AA-T — Geography

Required Program		Units
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems....	3
GEOG 301	Physical Geography Laboratory .....	1
GEOG 310	Human Geography: Exploring Earth's Cultural Landscapes .....	3
<b>A minimum of six (6) units from the following: .....</b>		<b>6</b>
GEOG 306	Weather and Climate (3)	
GEOG 322	Geography of California (3)	
GEOG 330	Intro to Geographic Information Systems (3)	
GEOG 331	Exploring Maps & Geographic Technologies (3)	
GEOG 390	Field Studies in Geography (1-4)	

**A minimum of six (6) units from the following:**.....6

ANTH 310 Cultural Anthropology (3)

GEOL 300 Physical Geology (3)

**TOTAL UNITS REQUIRED** .....19

The AA transfer degree in geography provides students with a solid foundation in geography as well as the standard prerequisites for upper division coursework leading to the baccalaureate degree. The required and elective coursework surveys a broad spectrum of physical geography, human geography, GIS, and related disciplines.

For students planning to transfer to a four-year school with a major in geography, it is critical that you meet with an FLC counselor to select and plan the courses for your major. Schools can vary widely in terms of the required lower division preparation.

The Associate of Arts in Geography for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Geography at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

**This program has the following completion requirements:**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
    - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
    - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
  2. Obtainment of a minimum grade point average of 2.0.
- AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

**Program Student Learning Outcomes**

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

- Understand and describe the complexity of relationships between humans and their environment.
- Demonstrate an awareness of the physical processes that shape the Earth.

- Compare and contrast the general biophysical and sociocultural differences and similarities among world regions.
- Recognize the utility of and demonstrate a proficiency with geospatial analysis techniques (GIS, cartography, spatial data collection and analysis, etc.) in solving contemporary geography problems.
- Evaluate the role that collegiate geographic studies can play in preparing a student for contemporary career in the geosciences.

**CERTIFICATE OF ACHIEVEMENT**

**Geographic Information Systems (GIS)**

<b>REQUIRED PROGRAM</b>		<b>Units</b>
GEOG 330	Introduction to Geographic Information Systems (3)	
or GEOG 331	Exploring Maps and Geographic Technologies (3) .....	3
GEOG 334	Introduction GIS Software Applications .....	3
GEOG 344	Spatial Analysis & Modeling in GIS .....	3
GEOG 350	Data Acquisition in GIS.....	3
<b>A minimum of four (4) units from the following:</b> .....		4 <sup>1</sup>
CISA 320	Introduction to Database Management (1)	
CISA 321	Intermediate Database Management (1)	
CISC 310	Intro to Computer Information Science (3)	
CISC 498	Work Experience in Computer Information Science - Core (1-4)	
CISP 300	Algorithm Design/Problem Solving (3)	
CISP 351	Introduction to Relational Database Design and SQL (3)	
CISP 360	Introduction to Structured Programming (4)	
CISP 370	Beginning Visual Basic (4)	
GEOG 300	Physical Geography: Exploring Earth's Environmental Systems (3)	
GEOG 330	Introduction to Geographic Information Systems (3)	
GEOG 331	Exploring Maps and Geographic Technologies (3)	
GEOG 390	Field Studies in Geography (1-4)	
<b>TOTAL UNITS REQUIRED</b> .....		<b>16</b>

<sup>1</sup>Either GEOG 330 or 331 may be taken as an elective only if it has not already been taken as part of the core requirement.

A Geographic Information System (GIS) is an assemblage of computers, software, and workforce personnel collecting, managing, analyzing and displaying spatial data. GIS is used to make informed decisions regarding an array of disciplines including Real Estate, Landuse Planning, Business and Marketing, and Natural Resource Management. This interdisciplinary certificate provides the theoretical and technical skills necessary to begin using GIS in a

wide variety of applications. Skills obtained include GIS software application, GPS use, spatial data analysis, data management, programming and cartography.

### Program Student Learning Outcomes

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

- Demonstrate proficiency in the application of GIS software and related technologies.
- Demonstrate proficiency in the collection, management, organization and manipulation of spatial data.
- Adeptly employ the principles of cartography in a GIS environment.
- Demonstrate proficiency in the application of spatial analysis skills.
- Describe and assess the role and appropriate application of GIS and related technologies in interdisciplinary applications.
- Apply the principles and applications of GIS software.

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## 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. (C-ID GEOG 111)

### GEOG 306

#### Weather and Climate

**3 Units**

*Prerequisite: None*

*Advisory: MATH 100*

*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. Students may be required to attend a field trip and purchase a calculator for this course (C-ID GEOG 130)

### 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 D; IGETC Area 4*

*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. (C-ID GEOG 120)

**GEOG 322****Geography of California****3 Units***Prerequisite: None**General Education: AA/AS Area V(b); AA/AS Area VI; CSU Area D; IGETC Area 4**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. (C-ID GEOG 140)

**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 UC/CSU**Hours: 50 hours LEC; 12 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. A portable USB storage device may be required for this class. Short field activities may be required. (C-ID GEOG 150)

**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 for informed decision making. Topics may include analysis of environmental, economic, political, social, health care, and transportation data. Using desktop GIS software (such as ArcGIS) 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. This course is the second of a 2-part series.

**GEOG 334****Introduction to GIS Software Applications 3 Units***Prerequisite: None**Advisory: CISC 300, GEOG 330, or GEOG 331**Course Transferable to CSU**Hours: 50 hours LEC; 12 hours LAB*

Geographic Information Systems (GIS) are computer-based mapping programs that analyze spatial data. This course provides the foundation for using desktop GIS software. A conceptual overview along with hands-on experience will be used to explore basic GIS software functionality. Emphasis will be placed on display characteristics, attribute querying, database exploration and management, spatial analysis, data creation, and cartographic presentation. A portable USB storage device is required and should be provided by the student.

**GEOG 344****Spatial Analysis and Modeling in GIS 3 Units***Prerequisite: GEOG 330 or 331 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**Advisory: GEOG 330 or 331 with a grade of "C" or better.**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 1-4 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). (C-ID GEOG 160)

**GEOG 393****Field Studies in Geography:  
Arid Landscapes 1-4 Units***Prerequisite: None**Advisory: GEOG 300**Course Transferable to CSU**Hours: 24 hours LEC; 144 hours LAB*

This course involves the study of geographic principles and processes in arid environments. The course content will vary by destination but may include topics in physical geography (e.g., plant and animal communities, climate and weather, geology and geomorphology, natural hazards, environmental impacts, etc.), human geography (e.g., cultural landscapes, economic activities, transportation issues, land use patterns, etc.), and include introduction to 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 excursions are required.

**GEOG 495****Independent Studies in Geography***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***1-3 Units****GEOG 499****Experimental Offering in Geography***Prerequisite: None**Course Transferable to CSU***.5-4 Units**



# Geology

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## DEGREES

AS-T — Geology

### Description

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 associate and bachelor degrees. Geology majors planning to transfer to four-year institutions should see a counselor.

### Career Options

Earth Science Educator  
(middle school through university)  
Emergency Response Manager  
Environmental Engineer  
Environmental Planner/Consultant  
Geologist (private industry or the government)  
Geoscientist  
Hydrogeologist  
Natural Resource Management  
Paleontologist  
Park Naturalist  
Petrologist  
Stratigrapher

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

### Highlights

- Diverse lower division course offerings.
- Dynamic geologic environment near the Sierra Nevada, San Andreas Fault, Mono Lake, Death Valley, and Central California Coastal areas.



Associate Degree  
for Transfer

*A Degree with a Guarantee.<sup>SM</sup>*

## DEGREE

### AS-T — Geology

#### REQUIRED PROGRAM

	Units
CHEM 400 General Chemistry .....	5
CHEM 401 General Chemistry .....	5
GEOL 300 Physical Geology .....	3
GEOL 301 Physical Geology Laboratory .....	1
GEOL 310 Historical Geology.....	3
GEOL 311 Historical Geology Laboratory .....	1
MATH 400 Calculus I.....	5
MATH 401 Calculus II.....	5
<b>TOTAL UNITS REQUIRED .....</b>	<b>28</b>

Geology is an interdisciplinary science that combines geological observations and concepts with those of biology, chemistry, physics, and mathematics. Its goals are to study rocks, minerals, fossils, energy and water resources, and to understand geologic principles and processes that shape Earth and its environments.

The Associate of Science in Geology for Transfer (AS-T) provides students with a major that fulfills the general requirements of the California State University for transfer. Students with this degree will receive priority admission with junior status to the California State University system.

The AS-T may be obtained by the completion of 60 transferable, semester units with a minimum of a 2.0 GPA, including (a) the major or area of emphasis described in the Required Program outlined below (earning a C or better in these courses), and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-BreAD-Th Requirements.

The GEOL AS-T degree does not require coursework in Physics but it is recommended that Geology students take physics coursework as they pursue their Geology degree. The Associate of Science in Geology for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California

State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Geology at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

**This program has the following completion requirements:**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
    - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
    - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
  2. Obtainment of a minimum grade point average of 2.0.
- AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

**Program Student Learning Outcomes**

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

- Evaluate new and accepted ideas about the natural universe using testable methodology.
- Articulate orally and/or in writing the importance of continuous examination and modification of accepted ideas as a fundamental element in the progress of science.
- Sort, arrange, and quantify objects using the international system of measurement (metric) as the standard.
- Analyze a wide variety of natural phenomena geological using basic definitions and fundamental theories of natural science.
- Compare the scales at which geologic processes work.
- Apply knowledge of current geologic processes to the understanding of Earth's past geologic history.

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## Geology (GEOL)

### GEOL 299

#### Experimental Offering in Geology

**.5-4 Units**

*Prerequisite: None*

### GEOL 300

#### Physical Geology

**3 Units**

*Prerequisite: None*

*Advisory: Concurrent enrollment in GEOL 301 is recommended. Students enrolled in GEOL 300 experience higher rates of success when concurrently enrolled in GEOL 301.*

*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. (C-ID GEOL 100)

### GEOL 301

#### Physical Geology Laboratory

**1 Unit**

*Prerequisite: None*

*Corequisite: GEOL 300 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, landform identification, and the study and interpretation of geologic maps and cross-sections. A calculator, ruler, protractor, and GEOL 300 textbook may be required. (C-ID GEOL 100L)

**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. (C-ID GEOL 120)

**GEOL 306****Earth Science Laboratory****1 Unit***Prerequisite: None**Corequisite: GEOL 305 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.

**GEOL 310****Historical Geology****3 Units***Prerequisite: None**Advisory: GEOL 300 or 305 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 covers the origin and geologic history of the Earth and the evolution of its plant and animal inhabitants. Plate tectonic theory is used to explain changes in composition and structure of rocks of the Earth's crust from the formation of the Earth to the present. Emphasis is placed on the formation of sedimentary rocks and how the Earth's environment and processes changes are recorded. Evolution and extinction are studied to understand how they reflect environmental changes in the earth's ocean, atmosphere, and surface. (C-ID GEOL 110)

**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. (C-ID GEOL 110L)

**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 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. (C-ID GEOL 200)

**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. Course 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. Field trips may be required.

**GEOL 390****Field Studies in Geology****1-4 Units***Prerequisite: GEOL 300 with a grade of "C" or better.**Course Transferable to UC/CSU**Hours: 32 hours LEC; 120 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: 162 hours LAB***GEOL 499****Experimental Offering in Geology****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Gerontology

## Dean

Brian Robinson  
(916) 361-6330  
RCC, RCC1-144

## Department Chair

Kalinda Jones  
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FLC, Harris Center PAC-2330

## DEGREES

AA — Social Work/Human Services, Gerontology

## CERTIFICATE OF ACHIEVEMENT

Social Work/Human Services, Gerontology

### Description

The gerontology program prepares students to assist seniors in managing their health, psychological, and social needs unique to the elderly population via a broad overview of the biological, psychological, and social aspects of aging. The need for specialization in gerontology is clearly shown in population trends and documented in literature citing the lack of adequately prepared geriatric caregivers. The focus is on preparation for associate-level positions with private industry, government, and non-profit agencies providing health services to senior adults. All courses transfer to the California State University system.

If you are interested in transferring to a four-year college or university to pursue a bachelor's degree in gerontology or social work, it is critical that you meet with a counselor to select and plan the courses for your major. Transfer institutions vary widely in the courses required for undergraduate preparation.

### Career Options

Home Caregiver  
Care/Case Aide  
Registry Coordinator  
Volunteer Services  
Elder Care Provider  
Program Aide or Assistant  
Geriatric Aide  
Home Care Specialist  
Home Health Aide  
Intergenerational Care Provider

## Highlights

- Knowledge and skills related to working with older populations.
- Individual and group counseling practice.
- Interviews with potential employers.
- Employment training, including resume development, interview practice, and internship experience.

## DEGREE

### AA — Social Work/Human Services, Gerontology

REQUIRED PROGRAM		Units
GERON 300	Sociology of Aging .....	3
SWHS 300	Introduction to Human Services .....	3
SWHS 302	Introduction to Psychology of Human Relations.....	3
SWHS 331	Cross Cultural Psychology (3) or PSYC 368 Cross Cultural Psychology (3) .....	3
SWHS 350	Employment Skills in Human Services .....	3
SWHS 360	Techniques of Interviewing and Counseling ...	3
SWHS 365	Techniques of Group Counseling .....	3
SWHS 366	Practices in Human Services .....	3
SWHS 367	Advanced Practices in Human Services .....	3
PSYC 300	General Principles.....	3
SOC 310	Marriage and the Family .....	3
<b>TOTAL UNITS REQUIRED</b> .....		<b>33</b>

**Suggested Electives:** CISA 320, 321; 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

### Social Work/Human Services, Gerontology

REQUIRED PROGRAM	Units
GERON 300 Sociology of Aging .....	3
SWHS 300 Introduction to Human Services .....	3
SWHS 302 Introduction to Psychology of Human Relations.....	3
SWHS 331 Cross Cultural Psychology (3) or PSYC 368 Cross Cultural Psychology (3) .....	3
SWHS 350 Employment Skills in Human Services .....	3
SWHS 360 Techniques of Interviewing and Counseling ...	3
SWHS 365 Techniques of Group Counseling .....	3
SWHS 366 Practices in Human Services .....	3
SWHS 367 Advanced Practices in Human Services .....	3
PSYC 300 General Principles .....	3
SOC 310 Marriage and the Family .....	3
<b>TOTAL UNITS REQUIRED .....</b>	<b>33</b>

For Gainful Employment Info and Opportunities:  
[www.losrios.edu/gainful-emp-info/gedt.php?major=041138C01](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.
- Transfer skills, units, and experience to a gerontology major at a four year institution.

# Gerontology (GERON)

## GERON 300 Sociology of Aging 3 Units

*Prerequisite: None*

*General Education: AA/AS Area V(b); CSU Area D;  
CSU Area E1*

*Course Transferable to UC/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 340 Nutrition for Healthy Aging 3 Units

*Same As: NUTRI 324*

*Prerequisite: None*

*Advisory: ENGRD 310 and ENGWR 300 with grades of "C" or better.*

*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 aging adult. Students will explore the physiological, psychosocial, and chronic degenerative conditions associated with aging and the nutritional implications of each. Not open to students who have completed NUTRI 324.

## GERON 495 Independent Studies in Gerontology 1-3 Units

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54-162 hours LAB*

## GERON 498 Work Experience in Gerontology 1-4 Units

*Prerequisite: None*

*Advisory: ENGWR 101 or ESLW 320*

*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 the field of Gerontology. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

## GERON 499 Experimental Offering in Gerontology .5-4 Units

*Prerequisite: None*

*Course Transferable to CSU*

# Health Education

## Dean

Matt Wright  
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FLC, Gymnasium G-118

## Department Chairs

Matt Torrez  
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FLC, Gymnasium G-171

Donny Ribauda  
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FLC, Gymnasium G-177

## DEGREES

AS-T — Public Health Science

### Description

The health education curriculum at Folsom Lake College has been developed with two goals in mind: 1) to identify the health education needs of local businesses, organizations, and individuals in the community, and 2) to develop the innovative and informative courses that are necessary to meet the diverse health education needs of the community.

HEED 300 fulfills a portion of the general education graduation requirement for living skills and is transferable to all four-year colleges and universities. HEED 351 was developed to give students the tools needed to develop personal wellness.

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



Associate Degree  
for Transfer

*A Degree with a Guarantee.™*

## DEGREE

### AS-T — Public Health Science

#### REQUIRED PROGRAM

	<b>Units</b>
STAT 300 Introduction to Probability and Statistics .....	4
HEED 300 Health Science .....	3
PSYC 300 General Principles .....	3
HEED 302 Introduction to Public Health.....	3
BIOL 307 Biology of Organisms (4) .....	4-5
<b>or</b> BIOL 310 General Biology (4)	
<b>or</b> BIOL 400 Principles of Biology (5)	
CHEM 400 General Chemistry I .....	5
BIOL 430 Anatomy and Physiology.....	5
BIOL 431 Anatomy and Physiology.....	5
<b>A minimum of three (3) units from the following:</b> .....	3
NUTRI 300 Nutrition (3)	
SOC 300 Introductory Sociology (3)	
ECON 302 Principles of Macroeconomics (3)	
ECON 304 Principles of Microeconomics (3)	
PSYC 356 Human Sexuality (3)	
<b>TOTAL UNITS REQUIRED</b> .....	<b>35-36</b>

The Associate of Science in Public Health Science for Transfer (AS-T) degree may be obtained by completion of 60 transferable, semester units with a minimum 2.0 GPA, including (a) the major or area of emphasis described in the Required Program, and (b) either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-BreAD-Th Requirements.

The Associate of Science in Public Health Science for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Public Health Science at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.



**This program has the following completion requirements:**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
  - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

**Program Student Learning Outcomes**

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

- Apply the foundations of public health including historical philosophy, core values, organizational structure, and ethics to local, regional, national, and global societies.
- Understand and apply the concepts of epidemiology and evidence based data collection methods and analysis.
- Identify, compare, and contrast the factors that contribute to public health disparities.
- Define and differentiate between health populations and apply basic approaches that allow for identification of primary health related areas of concern for those populations.
- Apply concepts used in community organizing and project planning.

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## 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. (C-ID PHS 100)

**HEED 302****Introduction to Public Health****3 Units***Prerequisite: None**Course Transferable to UC/CSU**Hours: 54 hours LEC*

This course provides an introduction to the discipline of Public Health. Students will gain an understanding of the basic concepts and terminologies of public health as well as the history of public health officials and agencies. The course will provide an overview of the functions of various health professions and institutions as well as an in-depth examination of the core disciplines within public health including the epidemiology of infectious and chronic disease; prevention and control of diseases in the community; an analysis of the social determinants of health; strategies for eliminating disease, illness, and health disparities among various populations; community organizing and health promotion programming; environmental health and safety; global health; and healthcare policy and management. (C-ID PHS 101)

**HEED 351****Personal Health and Wellness****3 Units***Prerequisite: None**General Education: AA/AS Area III(b); AA/AS Area III(a); CSU Area E1**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. This course has a lab component that will require students to participate in physical activity.

**HEED 495****Independent Studies in Health Education** **1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***HEED 499****Experimental Offering in Health Ed** **.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# History

## Dean

Brian Robinson  
(916) 361-6330  
RCC, RCC1-144

## Department Chair

Deborah Moreno  
(916) 608-6521  
FLC, Aspen Hall FL2-137

### Description

The Folsom Lake College history curriculum offers a study of history that contributes to cultural literacy and develops critical thinking and other useful skills while helping students understand today and plan for tomorrow.

### Career Options

Administrator  
Analyst  
Archivist  
Business Consultant  
Foreign Service  
Government Service  
Historian  
Journalist  
Librarian  
Museum Curator  
Pre-Law/Lawyer  
Researcher/Research  
State Park Historian  
Teacher  
Writer

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

### Highlights

- Overview of world civilization, American history, and 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); AA/AS Area I; CSU Area C2; CSU Area D; IGETC Area 3B; IGETC Area 4*  
*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. (C-ID HIST 150)

### 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 I; AA/AS Area VI; CSU Area C2; CSU Area D; IGETC Area 3B; IGETC Area 4*  
*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 310****History of the United States 3 Units**

*Prerequisite: ENGWR 101 with a grade of "C" or better; or eligibility for ENGWR 300 via the assessment process.*

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

*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 1877 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 311****History of the United States 3 Units**

*Prerequisite: ENGWR 101 with a grade of "C" or better; or eligibility for ENGWR 300 via the assessment process.*

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

*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 to the present, 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 312****History of the United States (to 1865) 3 Units**

*Prerequisite: ENGWR 101 with a grade of "C" or better; or eligibility for ENGWR via the assessment process.*

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

*CSU Area D; CSU Area F1; CSU Area F2; IGETC Area 4*

*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 eligibility for ENGWR via the assessment process.*

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

*CSU Area D; CSU Area F1; CSU Area F3; IGETC Area 4*

*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); AA/AS Area V(b);*

*CSU Area D; IGETC Area 4*

*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: AA/AS Area V(b); CSU Area D;*

*IGETC Area 4*

*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 V(b); AA/AS Area VI; CSU Area D; CSU Area F1; CSU Area F2; IGETC Area 4*

*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 D; IGETC Area 4*

*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 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 398****Studying in France:  
French History and Culture****3 Units**

*Prerequisite: None*

*Advisory: ENGWR 101 with a grade of "C" or better.*

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

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course, offered in a Paris study abroad program, surveys French history to provide a background for exploring and appreciating French life and culture. The focus is on examining the historical context of French political, intellectual, and artistic development, thereby informing and enriching our understanding and enjoyment of French society and culture. The course will examine Roman Gaul, Medieval Francia, the High Middle Ages, the Renaissance and Wars of Religion, Absolutism and the Enlightenment, the French Revolution and Napoleon, the Nineteenth Century Revolutions and the Belle Epoque, the World Wars, and the Trente Glorieuses. Since many of these historical developments occurred in the city of Paris and most of the remaining artifacts are housed in Parisian museums, a significant portion of this course will include visits to historical sites and museums.

**HIST 495****Independent Studies in History****1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***HIST 499****Experimental Offering in History****.5-4 Units***Prerequisite: None**Course Transferable to CSU***HIST 498****Work Experience in History****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of History. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

# Horticulture

**Dean**

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**Department Chair**

David Lagala  
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EDC, B-257

**Description**

Folsom Lake College's horticulture curriculum offers 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 region. The continued growth of the area and the need for specialized training are creating a demand for qualified individuals.

**Career Options**

Consultant  
Estimator  
Fertilizer & Insecticide Application  
Government Agency Employee  
Landscape Design, Contracting, & Maintenance  
Nursery Management & Operations  
Park Maintenance  
Research  
Retail/Wholesale

**Highlights**

- Field trips for appreciation and evaluative study.
- Practical design opportunities.

## 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: 54-162 hours LAB*

# Human/Career Development

## Dean

Davin Brown  
(916) 608-6786  
FLC, Aspen Hall FL1-43

## Department Chair

Juan Flores  
(916) 608-6722  
FLC, Aspen Hall FL1-40

### Description

The Folsom Lake College human/career development curriculum is designed to assist students with recognizing their full potential through developing self-awareness, educational management, and lifelong independent career planning skills. Instruction includes obtaining skills necessary to succeed in college and make positive and productive work/life decisions.

### 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 123

#### Study Strategies and Techniques

**.5-1 Units**

*Prerequisite: None*

*Hours: 27-54 hours LAB*

This open-entry, open-exit laboratory course is designed to provide a supportive lab environment for students with learning challenges who want to improve their academic skills and learn specific study skills and strategies. In order to pass this pass/no pass course, students enrolled in the course for one unit will need to attend 54 hours. Those enrolled for one-half unit will need to attend 27 hours to pass. Students will work on homework and test preparation for their other classes. In doing so, depending on their needs, students will have an opportunity to develop and improve techniques for textbook reading, note taking, test taking, memory improvement, test preparation, critical thinking and organizational skills 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. This course is open to all students but is designed and particularly helpful for students with learning challenges and a variety of disabilities. The course will feature short (approximately 15-minute) study strategies presentations on the topics above. The instructor will supply materials related to these presentations.

### HCD 299

#### Experimental Offering in Human Career Development

**.5-4 Units**

*Prerequisite: None*

This course is designed for students with reading, writing and studying difficulties. It will introduce students to assistive computer software and technology that is designed to help with learning problems. The course will be taught in a computer lab environment emphasizing hands-on application. The class will utilize a variety of assistive technology software such as Kurzweil 3000. Skills to be covered include: reading, writing, studying, outlining, highlighting, mind mapping and other computer assisted study strategies. This course may be repeated twice for credit.

**HCD 310****College Success****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 315****First Year Seminar****3 Units***Prerequisite: None**General Education: AA/AS Area III(b)**Course Transferable to UC/CSU**Hours: 54 hours LEC*

This course is designed for students in their first year of college and provides the opportunity to develop and enhance essential skills needed in order to meet the challenges of higher education. Topics include personal responsibility, motivation, self-management, emotional intelligence, interdependence, resiliency, critical and independent thinking, and information literacy.

**HCD 318****Transfer: Making It Happen****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 Myers-Briggs Type Indicator and Strong Interest Inventory.

**HCD 345****21st Century Workplace Skills****1 Unit***Prerequisite: None**General Education: AA/AS Area III(b)**Course Transferable to CSU**Hours: 18 hours LEC*

This course is designed to help students develop the non-cognitive or 'soft' skills needed to succeed in today's changing workplace. Course topics will include the changing global economy, the rise of entrepreneurialism, how to be a competitive job seeker, and the top ten soft skills which include adaptability, analysis/solution mindset, collaboration, communication, digital fluency, entrepreneurial mindset, empathy, resilience, self-awareness, and social/diversity awareness. Supplementary items may include career/personality assessments that require a fee.

**HCD 375****Service Learning Volunteer Fieldwork****1-3 Units***Prerequisite: None**General Education: AA/AS Area III(b)**Course Transferable to CSU**Hours: 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**  
*Prerequisite: None*  
*Course Transferable to CSU*  
*Hours: 54-162 hours LAB*

**1-3 Units**

**HCD 499**  
**Experimental Offering**  
**in Human/Career Development**  
*Prerequisite: None*  
*Course Transferable to CSU*

**.5-4 Units**

# Humanities

## Dean

Brian Robinson  
(916) 361-6330  
RCC, RCC1-144

## Department Chair

Rebecca DeVille  
(916) 608-6694  
EDC, B-261

### Description

The humanities curriculum at Folsom Lake College offers students the opportunity to develop a breadth of interdisciplinary knowledge, enhance their appreciation of the arts, and sharpen their critical thinking skills. Students who major in this program will gain a well-rounded world view which will prepare them for success at the university level, in the workplace, and in the community.

### Career Options

Communication  
Education  
Journalism  
Law  
Museum Curator  
Politics  
Public Relations

*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.

## 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. Humanities students at FLC may be required to attend a cultural event during the semester at their own expense. In addition, students may be asked to purchase a student response system as part of their course materials.

### 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. Humanities students at FLC may be required to attend a cultural event during the semester at their own expense. In addition, students may be asked to purchase a student response system as part of their course materials.

**HUM 320****Asian 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 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. Students may be required to visit a museum or attend a live performance of the arts (music, theater, or dance) during the semester at their own expense. Other materials (e.g. i-clicker) may be required by the instructor.

**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. Attending pertinent cultural events, at students' expense may be required.

**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. Humanities students at FLC may be required to attend a cultural event during the semester at their own expense. In addition, students may be asked to purchase a student response system as part of their course materials.

**HUM 370****Women and the Creative Imagination****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 the creative powers of women throughout the history of art from antiquity to the present. The course offers an interdisciplinary perspective on the contributions of women artists as evidenced in literature and the visual and performing arts. Using gender as the primary lens of analysis, this course seeks to uncover the broader contexts of female experience by probing the relationship women artists had to the historical periods in which they lived and worked. Students at FLC may be required to attend a cultural event at their own expense.

**HUM 495****Independent Studies in Humanities****1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***HUM 499****Experimental Offering in Humanities****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Human Services

**Dean**

Brian Robinson  
(916) 361-6330  
RCC, RCC1-144

**Department Chair**

Kalinda Jones  
(916) 608-6844  
FLC, Harris Center PAC-2330

**Please Note:**

Human Services has been renamed Social Work/Human Services (SWHS). See the Social Work/Human Services on page 339 of this catalog for information on degrees, certificates, and courses offered.

# Imaging

## Dean

Vicky Maryatt  
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FLC, Cypress Hall FL2-149

## Department Chair

Jason Pedro  
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EDC, B-232

## CERTIFICATES OF ACHIEVEMENT

Computed Tomography (CT)

Magnetic Resonance Imaging (MRI)

Vascular Interventional Radiology (VIR)

### Description

The imaging program at Folsom Lake College prepares students for the American Registry of Radiologic Technologists' (ARRT) certifications in computed tomography (CT), magnetic resonance imaging (MRI) and vascular interventional radiography (VIR). The role of the CT, MRI, or VIR technologist is to perform the technical aspect of routine and complex procedures in the field of radiology that are involved in the detection, diagnosis, and treatment of diseases.

Students will have an opportunity to participate in lectures, simulation training, as well as actual clinical site rotations that are consistent with recommended curriculum material established by the American Registry of Radiologic Technologists.

Upon successful completion of the program, participants will be able to operate CT, MRI, or VIR equipment and perform technical aspects of procedures consistent with protocols in a proficient manner.

*Please Note: To qualify for this course of study, students must already be certified as a radiologic technologist with the State of California.*

### Career Options

- Certified CT Technologist
- Certified MRI Technologist
- Certified VIR Technologist

### Highlights

- Hands-on training in simulation labs.
- Clinical site rotations.
- Over 375 hours of patient contact experience in a clinical setting.

## CERTIFICATE OF ACHIEVEMENT

### Computed Tomography (CT)

#### REQUIRED PROGRAM

	Units
IMAGE 320 Computed Tomography I.....	1.5
IMAGE 321 Computed Tomography II.....	3
IMAGE 330 Computed Tomography Lab I .....	0.5
IMAGE 331 Computed Tomography Lab II .....	7
<b>TOTAL UNITS REQUIRED .....</b>	<b>12</b>

For certified Radiologic Technologists, there are a number of advanced forms of imaging that may be pursued. This program is designed for Computed Tomography, commonly called "CT." Successful completion of the program should indicate successful preparation for the American Registry of Radiologic Technologist's CT certification. Students must apply and be accepted into the program. Liability insurance must be purchased by the student as well as the HIPAA training during the program orientation.

To be eligible for enrollment in the program, the student must meet the following criteria:

- Complete the application process for enrollment in the CT program.
- Fulfill all requirements set forth by the Advanced Imaging Modalities Student Guidelines including but not limited to background clearance, physical examination, immunization clearance and drug screening.
- Evidence of current certification as a radiologic technologist in the state of California.
- Students must purchase liability insurance and HIPAA training.

For more program information please email: [careerprograms@flc.lisorios.edu](mailto:careerprograms@flc.lisorios.edu) or call (916) 608-6927.

### Program Student Learning Outcomes

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

- Provide a complete portfolio of technically proficient CT repetitions to satisfy the ARRT clinical experience requirements.
- Exhibit professional and committed delivery of excellent health care.
- Use a CT scanner properly while demonstrating proper safety procedures before, during, and after a scan.
- Successfully take the ARRT exam in Computed Tomography.

## CERTIFICATE OF ACHIEVEMENT

### Magnetic Resonance Imaging (MRI)

<b>REQUIRED PROGRAM</b>		<b>Units</b>
IMAGE 340	Magnetic Resonance Imaging I.....	1.5
IMAGE 341	Magnetic Resonance Imaging II.....	3
IMAGE 350	Magnetic Resonance Imaging Lab I.....	0.5
IMAGE 351	Magnetic Resonance Imaging Lab II.....	7
<b>TOTAL UNITS REQUIRED</b> .....		<b>12</b>

For certified Radiologic Technologists, there are a number of advanced forms of imaging that may be pursued. This certificate is designed for Magnetic Resonance Imaging, commonly called "MRI." This program will prepare the student for the American Registry of Radiologic Technologist's MRI certification. Students must apply and be accepted into the program. Liability insurance must be purchased by the student as well as the HIPAA training during the program orientation.

To be eligible for enrollment in the program, the student must meet the following criteria:

- Complete the application process for enrollment in the MRI program.
- Fulfill all requirements outlined in the Advanced Imaging Modalities Student Guidelines including but not limited to background clearance, physical examination, immunization clearance and drug screening.
- Evidence of current certification as a radiologic technologist in the state of California.
- Students must purchase liability insurance and HIPAA training.

Eligible students are selected for the program according to the following steps:

For more program information please email: [careerprograms@flc.isorios.edu](mailto:careerprograms@flc.isorios.edu) or call (916) 608-6927.

#### Program Student Learning Outcomes

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

- Provide a complete portfolio of technically proficient MRI repetitions to satisfy the ARRT clinical experience requirements.
- Demonstrate competence in the seven mandatory general patient care activities, eight MRI safety requirements, and seven quality control tests.
- Exhibit professional and committed delivery of excellent health care.
- Pass the ARRT exam in Magnetic Resonance Imaging.
- Successfully take the ARRT exam in Computed Tomography.

## CERTIFICATE OF ACHIEVEMENT

### Vascular-Interventional Radiography (VIR)

*Note: This program is pending CCCCCO approval.*

<b>REQUIRED PROGRAM</b>		<b>Units</b>
IMAGE 360	Vascular-Interventional Radiography I.....	1.5
IMAGE 361	Vascular-Interventional Radiography II.....	3
IMAGE 370	Vascular-Interventional Radiography Lab ....	0.5
IMAGE 371	Vascular-Interventional Radiography Lab II ....	7
<b>TOTAL UNITS REQUIRED</b> .....		<b>12</b>

For certified Radiologic Technologists, there are a number of advanced forms of imaging that may be pursued. This program is designed for Vascular-Interventional Radiography, or "IR." Successful completion of the program should indicate successful preparation for the American Registry of Radiologic Technologist's (ARRT) IR certification. Students must apply and be accepted into the program. Liability insurance must be purchased by the student as well as the HIPAA training during the program orientation.

To be eligible for enrollment in the program, the student must meet the following criteria:

- Complete the application process for enrollment in the MRI program.
- Fulfill all requirements set forth by the Advanced Imaging Modalities Student Guidelines including but not limited to background clearance, physical examination, immunization clearance and drug screening.
- Evidence of current certification as a radiologic technologist in the state of California.
- Students must purchase liability insurance and HIPAA training.

Eligible students are selected for the program according to the following steps:

For more program information please email: [careerprograms@flc.isorios.edu](mailto:careerprograms@flc.isorios.edu) or call (916) 608-6927.

#### Program Student Learning Outcomes

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

- Provide a complete portfolio of technically proficient IR repetitions to satisfy the ARRT clinical experience requirements.
- Demonstrate competence in the minimum of 10 procedures as described in the student handbook following the ARRT standards.
- Exhibit professional and committed delivery of excellent health care.
- Pass the AART exam in Vascular-Interventional Radiography.

# Imaging (IMAGE)

## IMAGE 320

### Computed Tomography I

1.5 Units

*Prerequisite: None*

*Corequisite: Students will take IMAGE 320 (lecture) and IMAGE 330 (lab) simultaneously.*

*Enrollment Limitations: Acceptance into the CT program.*

*Course Transferable to CSU*

*Hours: 27 hours LEC*

This is the introductory course to the Computed Tomography Program. Content will include an overview of the entire program, hardware and system operation, some study into the history and appearance of CT images, safety, and overview of cross sectional anatomy, and an overview of the requirements for the CT Certification Exam.

## IMAGE 321

### Computed Tomography II

3 Units

*Prerequisite: IMAGE 320 and 330 with grades of "C" or better.*

*Corequisite: Students will take IMAGE 321 (lecture) and IMAGE 331 (clinical internship lab) simultaneously.*

*Enrollment Limitations: Acceptance into the CT program.*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This lecture course will emphasize review of actual CT cases that have been rendered identity neutral. Reading scans as well as continued training in safety and protocols for the ARRT technologist will be emphasized. Additionally, there will be an overview of the ARRT standards and requirements for the CT certification exam. This course will be taken in conjunction with IMAGE 331.

## IMAGE 330 Computed Tomography Lab I .5 Units

*Prerequisite: None*

*Corequisite: Students will take IMAGE 320 (lecture) and IMAGE 330 (lab) simultaneously.*

*Enrollment Limitations: Acceptance into the CT program.*

*Course Transferable to CSU*

*Hours: 27 hours LAB*

The ARRT Computed Tomography Technologist simulation training is a technique for practicing and learning all aspects of performing ARRT CT procedures. Students will use actual CT equipment on dummies that simulate human physiology in order to become proficient enough to enter the live CT environment. This course will be taken in conjunction with IMAGE 320.

## IMAGE 331

### Computed Tomography Lab II

7 Units

*Prerequisite: IMAGE 320 and 330 with grades of "C" or better.*

*Enrollment Limitations: Acceptance into the CT program.*

*Course Transferable to CSU*

*Hours: 378 hours LAB*

This lab course will take place in an actual CT scanning environment off campus. Students will build their portfolio of a minimum of 125 scan repetitions covering at least 25 of the 59 possible procedures. This course will be taken in conjunction with IMAGE 321.

## IMAGE 340

### Magnetic Resonance Imaging I

1.5 Units

*Prerequisite: None*

*Corequisite: IMAGE 350*

*Enrollment Limitation: Acceptance into the Magnetic Resonance Imaging program.*

*Course Transferable to CSU*

*Hours: 27 hours LEC*

This course will introduce the student to the key aspects of Magnetic Resonance Imaging (MRI). The fundamental components of the scanner, safety concerns, and basic concepts of the imaging process will be introduced. Students will also be provided with basic protocols of an MR scan as well as given information regarding the common types of scans. This course will be taken in conjunction with IMAGE 350, the introductory lab course in MRI.

## IMAGE 341

### Magnetic Resonance Imaging II

3 Units

*Prerequisite: IMAGE 340 with a grade of "C" or better.*

*Corequisite: IMAGE 351*

*Enrollment Limitation: Acceptance into the Magnetic Resonance Imaging program.*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This lecture course will emphasize review of actual MRI scans that have been rendered identity neutral. Reading scans as well as continued training in safety and protocols for the ARRT technologist will be emphasized. Additionally, there will be an overview of the ARRT standards and requirements for the MRI certification exam. This course will be taken in conjunction with IMAGE 351.

**IMAGE 350****Magnetic Resonance Imaging Lab I .5 Units**

*Prerequisite: None*

*Corequisite: IMAGE 340*

*Enrollment Limitation: Acceptance into the Magnetic Resonance Imaging program.*

*Course Transferable to CSU*

*Hours: 27 hours LAB*

The ARRT Magnetic Resonance Technologist simulation training is a technique for practicing and learning all aspects of performing ARRT Magnetic Resonance Imaging procedures. Students will use actual MRI equipment on dummies that simulate human physiology in order to become proficient enough to enter the live MRI environment. This course will be taken in conjunction with IMAGE 340.

**IMAGE 351****Magnetic Resonance Imaging Lab II 7 Units**

*Prerequisite: IMAGE 350 with a grade of "C" or better.*

*Corequisite: IMAGE 341*

*Enrollment Limitation: Acceptance into the Magnetic Resonance Imaging program.*

*Course Transferable to CSU*

*Hours: 378 hours LAB*

This lab course is the primary clinical experience for the MRI program. The clinical experience requirements are established by the ARRT in their Rules and Regulations. As part of the educational program, candidates must demonstrate competence in the clinical activities identified below. They must be signed off in all general patient care procedures, MRI safety requirements, quality control tests, the 18 required MRI Procedures and 10 of the 24 elective MRI Procedures. These will be detailed in the topics of this course outline as well as the student handbook for the MRI program.

**IMAGE 360****Vascular-Interventional Radiography I 1.5 Units**

*Prerequisite: None*

*Corequisite: Students will take IMAGE 360 (lecture) and IMAGE 370 (lab) together.*

*Enrollment Limitation: Acceptance into the Vascular-Interventional Radiography program.*

*Course Transferable to CSU*

*Hours: 27 hours LEC*

This course will introduce the student to the key aspects of Vascular-Interventional Radiography (IR). The fundamental components of the scanner, safety concerns, and basic concepts of the imaging process will be introduced. Students will also be provided with basic protocols of an IR scan as well as given information regarding the common types of scans. This course will be taken in conjunction with IMAGE 370, the introductory lab course in IR.

**IMAGE 361****Vascular-Interventional Radiography II 3 Units**

*Prerequisite: IMAGE 360 and 370 with grades of "C" or better.*

*Corequisite: Students will take IMAGE 361 (lecture) and IMAGE 371 (clinical lab experience) at the same time.*

*Enrollment Limitation: Acceptance into the Vascular-Interventional Radiography program.*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This lecture course will emphasize review of actual Vascular-Interventional Radiography cases that have been rendered identity neutral. Reading scans as well as continued training in safety and protocols for the American Registry of Radiologic Technologist (ARRT) will be emphasized. Additionally, there will be an overview of the ARRT standards and requirements for the IR certification exam. This course will be taken in conjunction with IMAGE 371.



**IMAGE 370****Vascular-Interventional Radiography Lab I .5 Units**

*Prerequisite: None*

*Corequisite: Students will take IMAGE 360 (lecture) and IMAGE 370 (lab) at the same time.*

*Enrollment Limitation: Acceptance into the Vascular-Interventional Radiography program.*

*Course Transferable to CSU*

*Hours: 27 hours LAB*

The American Registry of Radiologic Technologists (ARRT) Vascular-Interventional Radiography (IR) simulation training is a technique for learning and practicing all aspects of performing ARRT Vascular-Interventional Radiography procedures. Students will use actual IR equipment on phantom dummies that simulate human physiology in order to become proficient enough to enter the live IR environment. This course will be taken in conjunction with IMAGE 360.

**IMAGE 371****Vascular-Interventional Radiography Lab II 7 Units**

*Prerequisite: IMAGE 370 with a grade of "C" or better*

*Corequisite: Students will take IMAGE 361 (lecture) and IMAGE 371 (clinical lab experience) at the same time.*

*Enrollment Limitation: Acceptance into the Vascular-Interventional Radiography program.*

*Course Transferable to CSU*

*Hours: 378 hours LAB*

This lab course is the primary clinical experience for the vascular-interventional radiography program. The clinical experience requirements are established by the American Registry of Radiologic Technologists (ARRT) in their Rules and Regulations. As part of the educational program, candidates must demonstrate competence in the clinical activities identified below. They must be signed off in all General Patient Care Procedures, IR Safety Requirements, Quality Control tests, the minimum of 10 procedures with a total of 200 repetitions across the procedures. These will be detailed in the student handbook for the IR program.

# Interdisciplinary Studies

**Dean**

Brian Robinson  
(916) 361-6330  
RCC, RCC1-144

**DEGREES**

- AA — Interdisciplinary, Areas of Emphasis
- AA — Pre-Law
- AA — Women’s Studies

**CERTIFICATE OF ACHIEVEMENT**

Heritage Interpretation

**Description**

This Folsom Lake College major is intended for students who want a general background in the areas of arts and humanities, communication and English, social and behavioral sciences, or math and science at the community college level. Several options are offered in specific interest areas, but all are intended to give the student an interdisciplinary foundation for further study or an overview of the area chosen. Students who wish to transfer to a four-year college should consult with a counselor.

**Career Options**

- Administrator
- Archivist
- Attorney
- Employment Counselor
- Foreign Service
- Historian
- Human Service Careers
- Law
- Probation Officer
- Public Relations Consultant
- Religious Service
- Research
- Social Worker
- Teacher

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

**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, Arts and Humanities**

**REQUIRED PROGRAM**

**Units**

**A minimum of eighteen (18) units from the following:..18**  
*Select courses from at least 3 different disciplines.*

- ART 300, 302, 304, 305, 308, 310, 312, 320, 323, 327, 328, 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
- COMM 305
- DANCE 380
- ENGCW 400, 410, 420, 430
- ENGLT 303, 310, 311, 313, 319, 320, 321, 330, 339, 340, 341, 345, 360, 370, 402
- ENGWR 301
- FREN 401, 402, 411, 412
- HIST 307, 308
- HUM 300, 310, 320, 325, 332
- MUFHL 300, 308, 310, 311, 321, 330, 400, 401, 410
- MUIVI 310, 311, 345, 346, 370, 371
- MUP 350, 357
- PHIL 300, 310, 330, 331, 350, 352
- SILA 305, 306, 315, 316
- SPAN 401, 402, 411, 412
- TA 300, 302, 303, 304, 310, 314, 315, 340, 350, 351, 422
- TAP 300, 301, 302, 303, 310, 311, 312, 313, 320, 321, 322, 323, 330, 331, 332, 333, 340, 341, 342, 343, 350, 351, 352, 353, 360, 361, 362, 363, 370, 371, 372, 373, 380, 381, 382, 383, 390, 391, 392, 393

**TOTAL UNITS REQUIRED .....18**

The Interdisciplinary Studies: Arts and Humanities Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

The Interdisciplinary Studies degree is designed for students who wish to obtain a broad knowledge of arts and sciences plus additional coursework in a prescribed “Area of Emphasis”. This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus

focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Arts and Humanities. These courses emphasize the study of cultural, literary, and humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation and expression (Arts and Humanities). Students will learn to value aesthetic understanding and incorporate these concepts when constructing value judgments (Possible majors at a four-year institution include, but are not limited to: Art, English, Foreign Language, Humanities, Linguistics, Music, Philosophy, and Theatre Arts).

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

**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).

**DEGREE**

**AA — Interdisciplinary Studies, Communication and English**

**REQUIRED PROGRAM** **Units**

**A minimum of eighteen (18) units from the following: 18<sup>1</sup>**

*Select courses from at least 3 different disciplines.*

COMM 301, 311, 315, 331, 361

ENGRD 310

ENGWR 300, 301, 302

PHIL 300, 320, 325, 328

**TOTAL UNITS REQUIRED .....18**

<sup>1</sup>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.

The Interdisciplinary Studies: Communication and English Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

The Interdisciplinary Studies degree is designed for students who wish a broad knowledge of arts and sciences plus additional coursework in a prescribed "Area of Emphasis". This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Communication and English. These courses emphasize the content of communication as well as the form and should provide an understanding of the psychological basis and the social significance of communication. Students will be able to assess communication as the process of human symbolic interaction. Students will also develop skills in the areas of reasoning and advocacy, organization, accuracy, and reading and listening effectively. Students will be able to integrate important concepts of critical thinking as related to the development of analysis and critical evaluation. Students will also learn to reason inductively and deductively in order to make important decisions regarding life and society at large. (Possible majors at a four-year institution include, but are not limited to: English, communication and philosophy.)

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

**Program Student Learning Outcomes**

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

- Analyze critically, argue persuasively, and communicate clearly (Communication and English).

**DEGREE**

**AA — Interdisciplinary Studies, Social and Behavioral Sciences**

**REQUIRED PROGRAM** **Units**

**A minimum of eighteen (18) units from the following:..18**

*Select courses from at least 3 different disciplines.*

ADMJ 300, 302, 320

ANTH 310, 319, 320, 330

BUS 320, 330, 345

COMM 325, 341, 351, 363

ECON 302, 304, 320

ECE 312<sup>1</sup>, 314, 330, 430

GEOG 310, 322

GERON 300

HIST 307, 308, 310, 311, 312, 313, 314, 319, 331, 344

JOUR 310

NUTRI 310	
POLS 301, 302, 310, 320	
PSYC 300, 312, 320, 335, 340, 356, 368 <sup>1</sup> , 370, 372 <sup>1</sup>	
SOC 300, 301, 310, 321, 379	
SWHS 331 <sup>1</sup>	
<b>TOTAL UNITS REQUIRED</b> .....	<b>18</b>

<sup>1</sup>*Cross-listed courses that may have a credit limitation.*

The Interdisciplinary Studies: Social and Behavioral Sciences Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

The Interdisciplinary Studies degree is designed for students who wish a broad knowledge of arts and sciences plus additional coursework in a prescribed "Area of Emphasis". This program is a good choice for students planning on transferring to the California State University or University of California. The student will be able to satisfy general education requirements, plus focus on transferable coursework that relates to a specific major and/or individual interest. This degree will have an "Area of Emphasis" in Social and Behavioral Sciences. These courses emphasize the perspectives, concepts, theories, and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussions to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. (Possible majors at a four-year institution include, but are not limited to: history, sociology, social studies, psychology, and family consumer science.)

**Program Student Learning Outcomes**

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

- Evaluate how societies and social subgroups operate (social and behavioral sciences).

**DEGREE**

**AA — Interdisciplinary Studies, Math and Science**

<b>REQUIRED PROGRAM</b>	<b>Units</b>
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**A minimum of eighteen (18) units from the following:..18**  
*You must select courses from at least 3 different disciplines and complete courses from both math and science. If a course is cross-listed with another on the list, only one may apply to the degree.*

- ANTH 300, 301
- ASTR 300, 400
- BIOL 300, 307, 310, 323, 350<sup>1</sup>, 400, 410, 420, 430, 431, 440, 442
- CHEM 305, 306, 400, 401, 410, 420, 421
- ENVT 304<sup>1</sup>
- GEOG 300, 301, 306
- GEOL 300, 301, 305, 306, 310, 311, 330, 345
- MATH 310, 335, 341, 343, 370, 400, 401, 402, 410, 420
- PHYS 310, 311, 350, 360, 411, 421, 431
- PS 302
- PSYC 312, 330
- STAT 300

<b>TOTAL UNITS REQUIRED</b> .....	<b>18</b>
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<sup>1</sup>*Cross-listed courses that may have a credit limitation.*

The Interdisciplinary Studies: Math and Science Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See FLC graduation requirements.

The Interdisciplinary Studies degree is designed for students who wish to obtain 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. This degree will have an "Area of Emphasis" in Math and Science. These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of the world's civilizations. Possible majors at a four-year institution include, but are not limited to: mathematics, biology, chemistry, and physical science.

It is highly recommended that students consult a counselor to determine the classes within each area that will best prepare them for their intended transfer major.

### Program Student Learning Outcomes

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

- Reason quantitatively and empirically (math and science).

## DEGREE

### AA — Interdisciplinary Studies, Pre-Law

#### REQUIRED PROGRAM Units

**A minimum of twelve (12) units from the following: ... 12<sup>1</sup>**

ECON 302 Principles of Macroeconomics (3)

ECON 304 Principles of Microeconomics (3)

SOC 300 Introductory Sociology (3)

SOC 301 Social Problems (3)

SOC 321 Race, Ethnicity and Inequality in the United States (3)

STAT 300 Introduction to Probability and Statistics (4)

**A minimum of three (3) units from the following: ..... 3<sup>2</sup>**

ANTH 310 Cultural Anthropology (3)

BUS 345 Law and Society (3)

POLS 301 Introduction to Government: United States (3)

POLS 302 Introduction to Government: Foreign (3)

POLS 310 Introduction to International Relations (3)

POLS 320 Introduction to Political Theory (3)

**A minimum of three (3) units from the following: .....3**

HIST 308 History of World Civilizations, 1500 to Present (3)

HIST 312 History of the United States (to 1865) (3)

HIST 313 History of the United States (1865-1945) (3)

**A minimum of six (6) units from the following:.....6**

PHIL 300 Introduction to Philosophy (3)

PHIL 310 Introduction to Ethics (3)

PHIL 320 Logic and Critical Reasoning (3)

PHIL 325 Symbolic Logic (3)

PHIL 328 Critical Reasoning and Composition (3)

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

<sup>1</sup>Students transferring to UC Davis should take SOC 300, SOC 301, SOC 321 and STAT 300. Students interested in transferring to UC Berkeley should take ECON 302, ECON 304, STAT 300 and SOC 300.

<sup>2</sup>Students interested in transferring to UC Berkeley should take POLS 301 or POLS 302.

The Interdisciplinary Studies: Pre-Law Associate of 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. See FLC graduation requirements.

The Pre-Law Degree Program introduces the student to the field of legal studies along with its relationship with and influence over closely related areas in business and the social sciences. The Pre-Law Degree Program emphasizes not only the nature of law and legal institutions, but the impact these have on government, politics, economics, business, social groups and institutions, and society as a whole. The Pre-Law major leads to an AA degree and consists of many of the courses required to transfer into a related major at a four year college. This program provides students with general knowledge of the legal process, legal philosophy, legal reasoning, and legal institutions. This is not a paralegal or a paraprofessional major but will prepare students for careers within the legal profession.

### Program Student Learning Outcomes

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

- Recognize the impact that law and legal institutions have on political, economic, and social institutions.
- Differentiate various theoretical perspectives on the law and functions law serves in society.
- Develop written and verbal communication skills with particular emphasis on the development of effective and persuasive oral and written arguments in the legal arena.
- Evaluate arguments using evidence-based reasoning.

## DEGREE

### AA — Interdisciplinary Studies, Women's Studies

#### REQUIRED PROGRAM Units

**A minimum of nine (9) units for the following: .....9**

ENGL 360 Women in Literature (3)

HIST 331 Women in American History (3)

PSYC 360 Psychology of Women (3)

**A minimum of twelve (12) units for the following: .....12**

ARTH 312 Women in Art (3)

TA 304 Women in Theatre (3)

PSYC 356 Human Sexuality (3)

PSYC 368 Cross Cultural Psychology (3)

or SWHS 331 Cross Cultural Psychology (3)

PSYC 372 Child Development (3)

SOC 301 Social Problems (3)

SOC 310 Marriage and the Family (3)

SOC 321 Race, Ethnicity and Inequality in the United States (3)

**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 Women’s Studies program challenges students to understand the complex and diverse roles of women in their many contexts. This interdisciplinary program explores contributions in history, arts, and literature; stereotypes and oppression; women’s roles in social and political systems; activism, and the diverse roles of women in different cultures and societies.

**Program Student Learning Outcomes**

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

- Demonstrate an understanding of the complex and diverse roles of women in different cultures and times.
- Research and examine women’s contributions in history, arts, and literature.
- Compare and contrast women’s roles in social and political systems.
- Identify and analyze the psychological, biological, and social influences on the behavior of women.

**CERTIFICATE OF ACHIEVEMENT**

**Heritage Interpretation**

**REQUIRED PROGRAM**

**Units**

ANTH 300 Physical Anthropology (3)	
or ANTH 310 Cultural Anthropology (3)	
or ANTH 320 Introduction to Archaeology and World Prehistory (3) .....	3
ANTH 392 Principles of Heritage Interpretation (3)	
or HIST 392 Principles of Heritage Interpretation (3)...	3
BIOL 307 Biology of Organisms (4)	
or BIOL 323 Plants and People (4)	
or BIOL 350 Environmental Biology (3) .....	3-4
HIST 319 American Environmental History (3)	
or HIST 344 Survey of California History: A Multicultural Perspective (3) .....	3
<b>A minimum of two (2) units from the following:.....</b>	<b>2</b>
ANTH 498 Work Experience in Anthropology (1-4)	
BIOL 380 Natural History Field Studies: Coastal Ecosystems (1)	
BIOL 382 Natural History Field Studies: Desert Ecosystems (1)	
BIOL 384 Natural History Field Study of Forest Ecosystems (1-4)	
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)
HIST 498	Work Experience in History (1-4)
WEXP 498	Work Experience in (Subject) (1-4)

**TOTAL UNITS REQUIRED ..... 14-15**

Heritage Interpretation involves conveying meaningful information about historical, cultural, and natural events or sites to a broad audience. One may have encountered interpretive prose in historical site markers, displays at parks or museums, and written park visitor guides. Park rangers, docents, and tour guides use oral and written interpretation skills. More recently, interpretive skills have been expanding into social media. Students completing this proposed certificate of recognition will be prepared to take an exam to be a Certified Interpretive Guide (C.I.G) from the National Association for Interpretation. Courses in this certificate may also be applied towards associate degree and/or transfer requirements.

**Program Student Learning Outcomes**

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

- Pass the Certified Interpretive Guide exam offered by the National Association for Interpretation.
- Interpret information about a historical, cultural, or natural event or site to a diverse audience.
- Justify the importance of preserving historical, cultural, and natural resources.

# Interdisciplinary Studies (INDIS)

## INDIS 313

### Freshman Seminar

**3 Units**

*Prerequisite: None*

*Advisory: ENGWR 51 with a grade of "C" or better;*

*Eligibility for ENGWR 101.*

*General Education: AA/AS Area III(b)*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course treats success holistically by exploring the interpersonal, intra-personal, and the "soft" skills needed to be successful in today's world. Students will examine their own educational and/or career goals, and learn how to make strategic decisions about their own learning. Students will evaluate their daily activities, choices, and behaviors while observing their impact on their ability to create habits that contribute to their success. The psychological, sociological and physiological impacts will also be addressed. Students will be required to complete either: 1) eight hours of volunteer service or 2) participate in eight hours of campus life or 3) eight hours of additional classwork reflective of the pathway in which the course is offered.

## INDIS 314

### Study Skills for Science Disciplines

**.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 315

### Study Skills for Science Disciplines II

**.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 acquire or improve study strategies for science, allied health, or nutrition courses. Strategies build on prior skills learned in earlier study skills courses, and they include the intensive study cycle, advanced concept mapping, stress management, mastering science vocabulary, improving on note-taking and listening, visual learning, and advanced problem solving. Registration is open through the eighth week of the semester. This course, which is graded Pass/No Pass, is offered in a flexible TBA format of 27 laboratory hours to accommodate the student's schedule.

## INDIS 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.

**INDIS 495****Independent Studies  
in Interdisciplinary Studies****1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB*

This course involves a student working individually on a topic of study and research beyond the scope of regularly offered courses. Upon approval of the proposed topic, the student will work and keep in contact with the advisory faculty to successfully complete the study topic. Students may take this course up to four times without duplication of the topics.



**Description**

The journalism curriculum is designed to introduce students to the writing, reporting, and critical thinking skills required for jobs in the news media or for transfer to a journalism program at a four-year institution.

**Career Options**

- Broadcast News Producer
- Broadcast News Writer
- Columnist
- Desktop Publishing Specialist
- Editor
- Journalist
- Magazine Editor
- Newspaper Reporter
- Public Information Officer
- Web Writer/Editor/Producer

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

## Journalism (JOUR)

**JOUR 310**  
**Mass Media and Society** **3 Units**

*Same As: COMM 351*  
*Prerequisite: None*  
*General Education: AA/AS Area V(b); CSU Area D; IGETC Area 4*  
*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; only one of these courses may be taken for credit. (C-ID JOUR 100)

**JOUR 340**  
**Writing for Publication** **3 Units**

*Prerequisite: ENGWR 300 with a grade of "C" or better.*  
*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: 54-162 hours LAB*

**JOUR 499**  
**Experimental Offering in Journalism** **.5-4 Units**

*Prerequisite: None*  
*Course Transferable to CSU*

# Kinesiology & Athletics

## Dean

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FLC, Gymnasium G-118

## Department Chairs

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## DEGREE

AA-T — Kinesiology

### Description

The Folsom Lake College kinesiology curriculum offers a wide variety of courses to accommodate varying fitness levels, interests, and abilities, including: cardiovascular training, strength training, martial arts, mind/body courses like yoga and tai chi, individual sport activities such as archery and tennis, intercollegiate athletics, and lecture courses for aspiring fitness professionals and transfer students. Students will not only learn how to perform activities with proper technique, but they will learn principles of exercise science and biomechanics, which can be applied to their training. Students should carefully read the course description to determine if it will meet their needs. Many of the courses transfer to both the CSU and UC systems and meet requirements for the degree and certificate programs. However, some four-year colleges and universities limit the number of units they will accept toward the bachelor's degree. Students are advised to see a counselor for assistance in selecting the courses best aligned with their transfer institution.

### Career Options

- Activity Director
- Athletic Trainer
- Corporate Fitness Director
- Group Fitness Instructor
- Health Coach
- Personal Trainer
- Wellness Coordinator

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

### Highlights

- Folsom's Main Folsom campus features a 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; tennis courts; and a cross country trail. The

spectator gymnasium and practice gymnasium offer students the opportunity to participate in team activity courses and intercollegiate athletic teams.

- The El Dorado Center has a full-service group exercise room, weight room, and locker room facilities.



Associate Degree  
for Transfer

*A Degree with a Guarantee.™*

## DEGREE

### AA-T — Kinesiology

#### REQUIRED PROGRAM

	<b>Units</b>
BIOL 430 Anatomy and Physiology.....	5
BIOL 431 Anatomy and Physiology.....	5
KINES 300 Introduction to Kinesiology .....	3
<b>A minimum of six (6) units from the following:.....</b>	<b>6</b>
CHEM 305 Introduction to Chemistry (5)	
<b>or</b> CHEM 400 General Chemistry I (5)	
PHYS 350 General Physics (4)	
PSYC 330 Introductory Statistics for	
the Behavioral Sciences (3)	
<b>or</b> STAT 300 Introduction to Probability	
and Statistics (4)	

**A minimum of three (3) units from the following: .....3**  
*Select 3 courses, each from a different category listed below.*

#### Combatives:

- FITNS 410 Karate I (1)
- FITNS 411 Karate II (1)
- FITNS 414 Tai Chi (1)

#### Dance:

- DANCE 310 Jazz Dance I (1)
- DANCE 312 Jazz Dance II (1)
- DANCE 320 Ballet I (1)
- DANCE 321 Ballet II (1)
- DANCE 330 Modern Dance I (1)
- DANCE 332 Modern Dance II (1)
- DANCE 351 Urban Hip Hop I (1)
- DANCE 352 Urban Hip Hop II (1)

**Fitness:**

- FITNS 304 Cardio Circuit (1)
- FITNS 306 Aerobics: Cardio-Kickboxing (1)
- FITNS 307 Aerobic Mix (1)
- FITNS 324 Mat Pilates (1)
- FITNS 331 Boot Camp Fitness (1)
- FITNS 352 Power Sculpting (1)
- FITNS 380 Circuit Weight Training (1)
- FITNS 381 Weight Training (1)
- FITNS 387 Weight Training for Speed, Agility, Quickness: Advanced (1)
- FITNS 388 Weight Training for Speed, Agility, Quickness: Advanced II (1)
- FITNS 392 Yoga (1)
- FITNS 395 Stretch (1)

**Individual Sports:**

- PACT 300 Archery I (1)
- PACT 310 Badminton I (1)
- PACT 311 Badminton II (1)
- PACT 390 Tennis I (1)
- PACT 391 Tennis II (1)

**Team Sports:**

- TMACT 302 Soccer - Outdoor (1)
- TMACT 303 Outdoor Soccer II (1)
- TMACT 305 Futsal I (1)
- TMACT 306 Futsal II (1)
- TMACT 320 Basketball (1)
- TMACT 321 Basketball II (1)
- TMACT 330 Volleyball (1)
- TMACT 331 Volleyball II (1)

**TOTAL UNITS REQUIRED** .....22

The Associate of Arts in Kinesiology for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Kinesiology at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

**This program has the following completion requirements:**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
    - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
    - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
  2. Obtainment of a minimum grade point average of 2.0.
- AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

**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*

*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. Students will need to supply themselves with either hand wraps or kick boxing gloves.

## 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. Students will need athletic footwear with good cushioning to participate in this course. Other requirements include comfortable athletic attire that will allow the student to move freely.

## 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); CSU Area E2*

*Course Transferable to UC/CSU*

*Hours: 54 hours LAB*

This course is designed to be a physically intense and challenging fitness course. 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 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); CSU Area E2**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 387****Weight Training for Speed, Agility, Quickness: Advanced****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 provides students with opportunities to improve speed, quickness, and agility through advanced performance training techniques. Students will be required to wear appropriate workout attire and workout shoes. This course may be taken one time for credit.

**FITNS 388****Weight Training for Speed, Agility, Quickness: Advanced II****1 Unit***Prerequisite: FITNS 387 with a grade of "C" or better.**General Education: AA/AS Area III(a); CSU Area E2**Course Transferable to UC/CSU**Hours: 54 hours LAB*

This course will provide students who have participated in FITNS 387 the opportunity to continue learning advanced training techniques designed to improve performance in the areas of speed, agility, and quickness.

**FITNS 390****Basic Yoga****1 Unit***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Course Transferable to UC/CSU**Hours: 54 hours LAB*

Basic Yoga is designed to enhance fitness levels, increase physical coordination, improve posture, and improve flexibility for all fitness levels. Basic Yoga is a complete fitness program that utilizes poses (asanas) and breathing (pranayama) to achieve both physical health improvements as well as decrease stress throughout the practice of yoga and meditation. Students will need to purchase a Yoga mat.

**FITNS 392****Yoga****1 Unit***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**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. Students will be required to purchase their own full round, thirty six inch foam roller for the course.

**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 413****Okinawan Kobudo I****1 Unit*****Course Family: Martial Arts - Weapons****Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Course Transferable to UC/CSU**Hours: 54 hours LAB*

Okinawan Kobudo I is an introduction to 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 sai and bo. 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 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, Qi Gong and the Tai Chi sword. Tai Chi is an ancient Chinese martial art that emphasizes moving meditation, relaxation, and methods of self-cultivation. Tai Chi is an art of psycho-kinesthetic awareness, mental focus and visualization techniques. Qi Gong is an internal Chinese art that furthers efficient use of physical and psychological energy and breathing techniques that promote a relaxation response, calmness, health, vigor and stress management. Students will practice choreographic forms of Tai Chi, Qi Gong and Tai Chi sword as demonstrated by the instructor. This course surveys Taoism, Confucianism and Buddhism philosophical concepts applicable to fluidity of movement, balance, mental concentration, self cultivation and martial arts strategy.

**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: 54-162 hours LAB***FITNS 499****Experimental Offering in Fitness****.5-4 Units***Prerequisite: None**General Education: CSU Area E2**Course Transferable to CSU*

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.

**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***Same As: DANCE 382**Prerequisite: None**General Education: AA/AS Area III(b)**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, basic first aid and nutrition. Students may be required to provide minor first aid supplies such as elastic wrap or athletic tape. This class does not deal with extreme trauma injuries that might occur in athletics or dance. Not open to students who have completed DANCE 382.

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## 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 introductory course presents an interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology, including sport history, philosophy, pedagogy, sociology, and psychology will be discussed. The student will be introduced to career opportunities in the areas of teaching, coaching, athletic training, fitness, sport management, research, health, and recreation. Students taking the online or hybrid versions of the course will need access to a computer, the internet, and word processing software. This course was formerly known as PET 300. This course is not open to those that have received credit for PET 300. (C-ID KIN 100)



**KINES 498****Work Experience in Physical Education 1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Physical Education. Course content will include understanding the application of education to the workforce completing required forms which document the student's progress and hours spent at the work site and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**KINES 499****Experimental Offering in Physical Education - Theory .5-4 Units***Prerequisite: None**Course Transferable to UC/CSU*

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**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 310****Badminton I 1 Unit****Course Family: Badminton***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Course Transferable to UC/CSU**Hours: 54 hours LAB*

This course provides a review of basic fundamentals, techniques and rules. The emphasis is on skills and techniques such as play strategies for singles and doubles and shot selection for various play situations. Students are required to wear proper footwear for athletic activity as well as appropriate work-out attire.

**PACT 311****Badminton II 1 Unit****Course Family: Badminton***Prerequisite: PACT 310 with a grade of "C" or better, OR by instructor consent.**General Education: AA/AS Area III(a); CSU Area E2**Course Transferable to CSU**Hours: 54 hours LAB*

This course provides instruction in intermediate skills, techniques, and rules of badminton. It emphasizes skill and technique development beyond that of a beginning player, as well as intermediate strategies for singles and doubles. Students are required to wear appropriate athletic attire, including non-marking athletic shoes.

**PACT 390****Tennis I****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 391****Tennis II****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 reviews and builds upon basic fundamentals, techniques, rules, and social courtesies of tennis. Intermediate level players are encouraged to take this course. A can of tennis balls, a racket, water bottle, and suitable tennis attire are required to be purchased by students.

**PACT 495****Independent Studies in Personal Activity** **1-3 Units***Prerequisite: None**General Education: CSU Area E2**Course Transferable to CSU**Hours: 54-162 hours LAB***PACT 499****Experimental Offering  
in Personal Activity****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

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# Sports (SPORT)

**SPORT 90****Academic Study Skills  
for Student Athletes****.5-1 Units***Prerequisite: None**Hours: 54 hours LAB*

This lab course is an open-entry/open-exit course designed to assist student athletes in acquiring basic study skills and work habits to gain success in the classroom. In addition, the student-athlete will learn and apply time and stress management techniques, note taking techniques, and test taking techniques. Students may enroll in this open-entry/open-exit course up to the eighth week of the semester. Students must complete 27 hours of work to earn 0.5 unit of credit per semester. This course is graded on a Pass/No Pass basis.

**SPORT 91****Academic Study Skills  
for Student Athletes****.5-1 Units***Prerequisite: None**Hours: 54 hours LAB*

This lab course is being offered as an open-entry/open-exit course designed to assist student athletes in acquiring basic study skills and work habits to gain success in the classroom. Memory and visualization techniques, "muscle" reading, and learning styles will be included. Students may enroll in this open-entry/open-exit course up to the eighth week of the semester. Students must complete 27 hours of work to earn 0.5 unit of credit per semester. This course is graded on a Pass/No Pass basis.

**SPORT 300****Baseball, 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 as determined by a tryout conducted by the coaching staff.**Course Transferable to UC/CSU**Hours: 175 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. This course may be taken four times for credit.

**SPORT 301****Off Season Conditioning for Baseball****.5-3 Units***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Enrollment Limitation: It is advised that students taking this course have played two years of high school varsity baseball. A demonstration of collegiate level baseball skills may be required through a tryout administered by the instructor.**Course Transferable to UC/CSU**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 appropriate baseball attire, cleats, a mitt, and a bat. This course may be taken four times for credit.

**SPORT 303****Pre-Season Conditioning for Baseball****.5-3 Units***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Enrollment Limitation: Students must successfully complete a tryout held by the coaching staff.**Course Transferable to UC/CSU**Hours: 162 hours LAB*

This course is designed to optimize sports performance and reduce risk of injury for the pre-season intercollegiate athlete in the sport of baseball. Course content includes sport-specific skill development, sport-specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. Students will need to provide appropriate baseball attire, cleats, a mitt, and a bat. This course may be taken up to four times for credit.

**SPORT 311****Basketball, Intercollegiate - Men, Fall****1.5 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: 88 hours LAB*

This is an advanced course designed to provide specialized training for competition with other community college teams. Demonstration of fundamental and advanced skills, adherence to the rules and etiquette of basketball, and execution of team strategy will be expected of all students. This course will encompass the pre-season, tournament, and non-league portion of the season. Students will travel to away games. This course may be taken up to four times.

**SPORT 312****Basketball, Intercollegiate - Men, Spring 1.5 Units**

*Prerequisite: SPORT 311 with a grade of "C" or better.*

*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: 87 hours LAB*

This is an advanced course designed to provide specialized training for competition with other community college teams. Demonstration of fundamental and advanced skills, adherence to the rules and etiquette of basketball, and execution of team strategy will be expected of all students. This course will encompass the pre-season, tournament, and non-league portion of the season. Student will be required to travel to away games. This course may be taken up to four times.

**SPORT 313****Off Season Conditioning for Basketball .5-3 Units**

*Prerequisite: None*

*General Education: AA/AS Area III(a); CSU Area E2*

*Enrollment Limitation: Students must obtain a physical, complete all necessary athletic training paperwork, and pass a tryout conducted by the coaching staff to remain in the course.*

*Course Transferable to UC/CSU*

*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 basketball. Topics include college-level basketball-specific skill development, sport specific strength training, agility work, plyometrics, speed training, and flexibility exercises. Students will need to provide themselves with basketball attire and appropriate basketball shoes. This course may be taken up to four times for credit.

**SPORT 314****Pre-Season Conditioning for Basketball .5-3 Units**

*Prerequisite: None*

*General Education: AA/AS Area III(a); CSU Area E2*

*Enrollment Limitation: In order to take the SPORT 314 class, each student must: 1) be listed as a student athlete by the head coach on the official team roster; and 2) obtain medical clearance, including a physical performed by a licensed physician. The student should contact the instructor for process and required forms. Once enrolled, the student must demonstrate intercollegiate athletic level skills as determined by the coaching staff to remain enrolled in this course.*

*Course Transferable to UC/CSU*

*Hours: 162 hours LAB*

This kinesiology course involves a combination of skill development and strategy tactics with an emphasis on a fitness component for the sport of basketball. The course will also offer a mental training component for peak performance. Students will need to provide their own athletic attire and appropriate basketball shoes. This course is designed to prepare students for intercollegiate basketball competition and may be taken a maximum of 4 times for credit.

**SPORT 316****Basketball, Intercollegiate - Women, Fall 1.5 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: 88 hours LAB*

This is an advanced course designed to provide specialized training for competition with other community college teams. Demonstration of fundamental and advanced skills, adherence to the rules and etiquette of basketball, and execution of team strategy will be expected of all students. This course will encompass the pre-season, tournament, and non-league portion of the season. Students will travel to away games and will need to provide appropriate basketball attire and shoes. This course may be taken up to four times.

**SPORT 317****Basketball, Intercollegiate -  
Women, Spring****1.5 Units***Prerequisite: SPORT 316 with a grade of "C" or better.**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: 87 hours LAB*

This is an advanced course designed to provide specialized training for competition with other community college teams. Demonstration of fundamental and advanced skills, adherence to the rules and etiquette of basketball, and execution of team strategy will be expected of all students. This course will encompass the regular season, tournament, and non-league portion of the season. Student will be required to travel to away games and will need to provide basketball appropriate clothing and shoes. This course may be taken up to four times.

**SPORT 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: 175 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. Student athletes may need to provide their own golf clubs. 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 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: 175 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 and shin guards. This course may be taken four times for credit.

**SPORT 351****Off-Season Conditioning for Men's Soccer .5-3 Units***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Enrollment Limitation: Once enrolled, the student must demonstrate intercollegiate athletic skills as determined by the coaching staff to remain enrolled in this course. It is advised that athletes taking this course have participated at the varsity level in high school or competitive league.**Course Transferable to UC/CSU**Hours: 162 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 appropriate soccer attire, soccer cleats, and shin guards. This course may be taken up to four times for credit.

**SPORT 352****Off-Season Conditioning  
for Women's Soccer****.5-3 Units***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Enrollment Limitation: The student must demonstrate intercollegiate athletic soccer skills as determined by a tryout conducted by the coaching staff to remain in the course.**Course Transferable to UC/CSU**Hours: 162 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. This course may be taken four times for credit.

**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: 175 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 and shin guards. This course may be taken four times for credit.

**SPORT 357****Pre-Season Conditioning  
for Women's Soccer****.5-3 Units***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Enrollment Limitation: The student must demonstrate intercollegiate athletic soccer skills as determined by a tryout conducted by the coaching staff to remain in the course.**Course Transferable to UC/CSU**Hours: 162 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 appropriate soccer attire, soccer cleats, and shin guards. This course may be taken four times for credit.

**SPORT 358****Pre-Season Conditioning for Men's Soccer .5-3 Units***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Enrollment Limitation: The student must demonstrate intercollegiate athletic soccer skills as determined by a tryout conducted by the coaching staff to remain in the course.**Course Transferable to UC/CSU**Hours: 162 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 appropriate soccer attire, soccer cleats, and shin guards. 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); CSU Area E2*

*Enrollment Limitation: Prior to enrollment, the student must demonstrate intercollegiate athletic skills determined by a tryout conducted by the coaching staff.*

*Course Transferable to UC/CSU*

*Hours: 175 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. This course may be taken four times for credit.

**SPORT 366****Off Season Conditioning for Softball .5-3 Units**

*Prerequisite: None*

*General Education: AA/AS Area III(a); CSU Area E2*

*Enrollment Limitation: Students will need to demonstrate a collegiate skill level in softball as determined by the coaching staff to remain in the course.*

*Course Transferable to UC/CSU*

*Hours: 162 hours LAB*

This course involves sport specific training and conditioning skills and techniques. There is a concentration of basic concepts with emphasis on conditioning. This course is designed to prepare students for intercollegiate softball. Students will be required to provide their own bat, glove, cleats, and appropriate softball attire. This course may be taken up to four times.

**SPORT 368****Pre-Season Conditioning for Softball .5 Units**

*Prerequisite: None*

*General Education: AA/AS Area III(a); CSU Area E2*

*Enrollment Limitation: Once enrolled, the student must demonstrate intercollegiate athletic skills as determined by the coaching staff to remain enrolled in this course. It is advised that athletes taking this course have participated at the varsity level in high school or competed on a summer travel ball team.*

*Course Transferable to UC/CSU*

*Hours: 27 hours LAB*

This course is designed to optimize sports performance and reduce the risk of injury for the pre-season intercollegiate athlete in the sport of softball. Course content includes softball fundamental skills development, strength training, cardiovascular conditioning, agility, plyometric, speed training, and flexibility exercises. Students will be required to provide their own bat, glove, cleats, and appropriate softball attire. This course may be taken up to four times for credit.

**SPORT 380****Tennis, Intercollegiate - Men 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: 175 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: 175 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.

**SPORT 386****Off Season Conditioning for Tennis .5-3 Units***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Enrollment Limitation: Enrollment in the course is subject to a tryout conducted by the instructor.**Course Transferable to UC/CSU**Hours: 162 hours LAB*

This course prepares the intercollegiate tennis player for the competitive season and is intended to reduce the risk of injury. Course content includes collegiate level tennis specific skill development, aerobic conditioning, sport specific strength training, agility, plyometrics, speed training, and joint flexibility along with associated activities to prepare the athlete physically and mentally. Student will be required to provide their own racket and tennis appropriate attire. This course may be taken up to four times.

**SPORT 403****Pre-Season Conditioning for Volleyball .5-3 Units***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Enrollment Limitation: Once enrolled, the student must demonstrate intercollegiate athletic skills as determined by the coaching staff to remain enrolled in this course. It is advised that athletes taking this course have participated at the varsity level in high school or competed on a summer travel team.**Course Transferable to UC/CSU**Hours: 162 hours LAB*

This course involves a combination of skill development and strategy tactics with an emphasis on a fitness component for volleyball. The course will also offer a mental training component for peak performance. This course is designed to prepare students for intercollegiate volleyball competition. Students will be required to provide appropriate volleyball attire, shoes, and kneepads. This course may be taken up to four times.

**SPORT 405****Volleyball, Intercollegiate-Women 3 Units***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Enrollment Limitation: Prior to enrollment, the student must be physically cleared through the Athletic Training Room with appropriate physical paperwork. The student must also be eligibility cleared through the Athletic Department with appropriate paperwork. The prospective athlete will demonstrate intercollegiate athletic skills determined by a tryout conducted by the coaching staff.**Course Transferable to UC/CSU**Hours: 175 hours LAB*

This is an advanced, competitive volleyball team activity that provides competition with other community college teams. Fundamentals, rules, and individual and/or team strategy appropriate to intercollegiate athletic competition will be expected of the competitors. Students will be required to provide their own volleyball appropriate attire, shoes, and knee pads. This course may be taken four times for credit.



**SPORT 406****Off Season Conditioning for Volleyball .5-3 Units***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Enrollment Limitation: Once enrolled, the student must demonstrate intercollegiate athletic skills as determined by the coaching staff to remain enrolled in this course. It is advised that athletes taking this course have participated at the varsity level in high school or competed on a summer travel team.**Course Transferable to UC/CSU**Hours: 162 hours LAB*

This course provides training and technical skill development specific to the sport of volleyball for off-season student-athletes. Topics include skill development, strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. Students will be required to provide appropriate volleyball attire, shoes, and kneepads. This course may be taken up to four times for credit.

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## Team Activities (TMACT)

**TMACT 302****Soccer - Outdoor 1 Unit****Course Family: Soccer***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**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); CSU Area E2**Course Transferable to UC/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.

**TMACT 305****Futsal I 1 Unit***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Course Transferable to UC/CSU**Hours: 54 hours LAB*

This is an introductory course designed to review and practice the fundamental skills relative to the game of Futsal. Students will learn the basic rules of Futsal, which is a derivative of soccer and played with five-player teams on a basketball court, with no walls and a low bouncing ball.

**TMACT 306****Futsal II 1 Unit***Prerequisite: TMACT 305 with a grade of "C" or better.**General Education: AA/AS Area III(a); CSU Area E2**Course Transferable to UC/CSU**Hours: 54 hours LAB*

This course covers the intermediate-level player knowledge and skills needed to play futsal, with an emphasis in defending, attacking tactics and technical ability. It also covers the skills, strategy, and rules that govern the play of futsal.

**TMACT 320****Basketball 1 Unit****Course Family: Basketball***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Course Transferable to UC/CSU**Hours: 54 hours LAB*

This is a beginning basketball course. Instruction, demonstration, and participation will provide the student with ample knowledge of beginning level basketball. This course will cover the individual fundamental skills of basketball, including: shooting, passing, ball-handling, individual defense, and rebounding. Rules, tactics, and etiquette of the game will be introduced.

**TMACT 321****Basketball II 1 Unit****Course Family: Basketball***Prerequisite: TMACT 320 with a grade of "C" or better.**General Education: AA/AS Area III(a); CSU Area E2**Course Transferable to UC/CSU**Hours: 54 hours LAB*

This is an intermediate basketball course. Instruction, demonstration, and participation will provide the student with an understanding of intermediate level basketball. This course will cover intermediate level skills and tactics of basketball.

**TMACT 330****Volleyball****1 Unit****Course Family: Volleyball***Prerequisite: None**General Education: AA/AS Area III(a); CSU Area E2**Course Transferable to UC/CSU**Hours: 54 hours LAB*

This is a beginning volleyball class. Lecture, demonstration and participation will provide the student with sufficient knowledge for continued participation in volleyball. The fundamentals of passing, setting, serving, attacking, blocking, digging, rules of play and simple strategies will be covered. Appropriate athletic attire, volleyball shoes or indoor gym shoes, kneepads, and instructor generated handouts.

**TMACT 331****Volleyball II****1 Unit****Course Family: Volleyball***Prerequisite: TMACT 330 with a grade of "C" or better.**General Education: AA/AS Area III(a); CSU Area E2**Course Transferable to UC/CSU**Hours: 54 hours LAB*

This is an intermediate volleyball class. Lecture, demonstration and participation will provide the student with sufficient knowledge for continued participation in volleyball. This class will focus on refining basic skills, introducing more complicated techniques and teaching more advanced strategies. Appropriate athletic attire, cross-training shoes or running shoes and kneepads are required.

# Learning, Tutoring, and Academic Technology

## Dean

Greg McCormac  
(916) 608-6615  
FLC, Dogwood Hall FL4-126

## Department Chair

Sam Raskin  
(916) 608-6807  
FLC, Cypress Hall FL2-229

### Description

Learning, tutoring, and academic technology courses are designed to help students become more effective at solving academic problems across the disciplines. All courses are grounded in practice. Students receive coaching on problem solving and advanced study skills while working on their assigned coursework. These courses feature extensive opportunities for peer-to-peer interaction. Many students find that this collaborative format motivates them to academic success.

### Career Options

Analyst  
Facilitator  
Mathematician  
Professor  
Scientist  
Teacher  
Tutor

Note: Effective learners thrive in all fields.

### Highlights

- Join a community of motivated, friendly students.
- Learn from your peers.
- Become more effective at solving academic problems in any discipline.

## Learning, Tutoring, and Academic Technology (LTAT)

### LTAT 310

**Introduction to Individual Peer Tutoring** **1 Unit**

*Prerequisite: None*

*General Education: AA/AS Area III(b)*

*Course Transferable to CSU*

*Hours: 18 hours LEC*

This course is designed to familiarize the student with the role of the tutor and methods of effective tutoring. This course emphasizes evidence-based, collaborative, interactive approaches to learning in a group setting.

### LTAT 1000 Supervised Tutoring

**0 Units**

*Prerequisite: None*

This course offers individualized and/or group tutoring that is designed to assist students to increase their success in college courses. Content will vary depending upon the adjunct course. Attention will be given to discipline-specific study skills and utilization of campus resources.

# Liberal Studies for Elementary Education

## Dean

BJ Snowden

(916) 608-6752

FLC, Harris Center PAC-2262

## DEGREE

AA — Liberal Studies for Elementary Education

### Description

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

Instructional Assistant

Teacher, Primary Grades

Teacher, Intermediate Grades

*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 (Sac State) liberal studies program, which is a major for prospective elementary school teachers. This degree program provides all of the lower division courses necessary to gain admission to the university and the teacher credential program.

### Other Sac State Requirements:

- Foreign Language: Students must complete the second 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 or higher in transferable courses.
- The Writing Proficiency for Juniors (WPJ) assessment should be taken at Sac State 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 California Basic Educational Skills Test (CBEST) be taken anytime after taking ENGWR 300, 301 or 302, and MATH 310.

Note: 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.

*It is recommended that students meet with a counselor prior to starting this program.*

**DEGREE****AA — Liberal Studies for  
Elementary Education**

<b>REQUIRED PROGRAM</b>		<b>Units</b>
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
<b>TOTAL UNITS REQUIRED</b> .....		<b>53</b>

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

## Dean

Greg McCormac  
(916) 608-6615  
FLC, Dogwood Hall FL4-126

## Department Chair

Lorlie Pitts  
(916) 608-6818  
FLC, Aspen Hall FL1-31

### Description

The Folsom Lake College library curriculum teaches vital research skills that enable students to achieve success in their college classes, careers, and day-to-day lives. Students will gain “research survival skills” to cope with the information-rich environment in which we live. They will develop the ability to access information from a broad range of resources and to evaluate this information and its sources. Course study will include information from print, online subscription databases, and the internet.

FLC Librarians also offer non-credit library instruction sessions demonstrating the use of library resources and the internet. Please stop by the reference desk to pick up a helpful handout, obtain individual assistance, or for more information.

### Career Options

- Historian
- Librarian (elementary through university, public and private)

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

Students interested in a paraprofessional library career can complete the library and information technology program available at Sacramento City College.

### Highlights

- Identify library services.
- Construct and implement effective search strategies.
- Recognize that there are a variety of types of formats of potential sources of information.
- Select the most appropriate search systems for accessing the needed information.
- Retrieve information online or in person using a variety of methods.

## 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, professional and personal research. It provides a step-by-step guide to the research process that is applicable to course work, professional work and life-long learning. It emphasizes developing effective search strategies, selecting information tools, locating and retrieving information sources, analyzing and critically evaluating information and organizing and using information in an ethical manner.

### LIBR 499

#### Experimental Offering in Library **.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

# Management

## Dean

Brian Robinson  
(916) 361-6330  
RCC, RCC1-144

## Department Chair

C.D. Vickrey  
(916) 361-6327  
RCC, RCC1-146

## CERTIFICATE OF ACHIEVEMENT

Public Management/Civil Service

### Description

This broad-based management curriculum offers introductory and specialized courses ranging from studies of standard corporate organization to analyzing the small business.

Managers help organizations achieve their objectives through effective planning, organizing, directing, and controlling. The management program attempts to develop an understanding of the importance and diversity of its related fields.

This program prepares students for entry into a company management training program and upgrades the skills of those already working in industry, allowing them to advance to supervisory positions. Students planning vocations in personnel services or analyst positions in state or federal government service should also consider this degree program.

### Career Options

Branch Manager	Shift Supervisor
Department Manager	Small Business Owner/Manager
Font-line Supervisor	Purchasing Clerk
Office Manager	Purchasing Managers
Plant Manager	Purchasing Agents and Buyers
Project Manager	
Entrepreneur	

*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.

## CERTIFICATE OF ACHIEVEMENT

### Public Management/Civil Service

#### REQUIRED PROGRAM

#### Units

ACCT 301	Financial Accounting .....	4
BUS 300	Introduction to Business (3)	
or BUS 310	Business Communications (3).....	3
MGMT 310	Introduction to Public Management (3)	
or MGMT 362	Techniques of Management (3).....	3
MGMT 315	Government Relations and Policy Development.....	3
<b>A minimum of three (3) units from the following:</b> .....		3
MGMT 498	Work Experience in Management (1-4)	
<b>A minimum of three (3) units from the following:</b> .....		3
ACCT 311	Managerial Accounting (4)	
MGMT 372	Human Relations and Organizational Behavior (3)	
POLS 301	Introduction to Government: United States (3)	
PRJMGT 300	Introduction to Project Management (3)	
<b>TOTAL UNITS REQUIRED</b> .....		<b>19</b>

*For Gainful Employment Info and Opportunities:  
[www.losrios.edu/gainful-emp-info/gedt.php?major=041945C01](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. This program prepares students entering Civil Service careers.

### 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.
- 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.
- 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.

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## 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 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 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: 54-162 hours LAB***MGMT 498****Work Experience in Management****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Management. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**MGMT 499****Experimental Offering in Management****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Marketing

## Dean

Brian Robinson  
(916) 361-6330  
RCC, RCC1-144

## Department Chair

C.D. Vickrey  
(916) 361-6327  
RCC, RCC1-146

### Description

Marketing is a dynamic area of study that provides immediate job and career opportunities after taking one course or the completion of a degree. The skills learned are easily converted into well-paying careers by many students. The skills learned are essential for international and domestic business and for companies large and small.

### Career Options

Account Executive  
Buyer  
Entrepreneur  
Export/Import  
Marketing Manager  
Marketing Services  
Investment Counselor  
Purchasing Agent  
Salesperson  
Shipping Clerk  
Stockbroker

*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.

## Marketing (MKT)

### MKT 295

**Independent Studies in Marketing** **1-3 Units**

*Prerequisite: None*

*Hours: 54-162 hours LAB*

### MKT 299

**Experimental Offering in Marketing** **.5-4 Units**

*Prerequisite: None*

### MKT 300

**Principles of Marketing** **3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course provides a general overview of marketing principles. The course covers the process of planning and executing the conception, pricing, promotion, and distribution of ideas, goods and services to create exchanges that satisfy individual and organizational goals. The course includes analysis of the elements of the marketing environment such as government regulation, environmental protection, competition, and consumer behavior.

### MKT 310

**Selling Professionally** **3 Units**

*Prerequisite: None*

*Advisory: ENGWR 101*

*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 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 devise strategies that build customer relations through technological and social media strategies.

Students will have a good understanding of how these technologies can be used to support business success.

**MKT 495****Independent Studies in Marketing****1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***MKT 498****Work Experience in Marketing****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Marketing. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**MKT 499****Experimental Offering in Marketing****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Mathematics & Statistics

## Dean

Greg McCormac  
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FLC, Dogwood Hall FL4-126

## Department Chair

Joy Fuson  
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FLC, Aspen Hall FL1-142

### DEGREES

- AS — Mathematics
- AS-T — Mathematics

### Description

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             | Economist              |
| Architecture        | Engineering            |
| Assessor            | Epidemiologist         |
| Auditor             | Finance                |
| Biologist           | Mathematician          |
| Budget Analyst      | Operations Researcher  |
| Chemist             | Statistician           |
| Controller          | Public Opinion Analyst |
| Computer Programmer | Surveyor               |
| Demographer         | Systems Analyst        |
| Dentist             | Teacher                |
| Doctor              | Veterinary Science     |

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

### Highlights

- A professional and innovative faculty 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.

## DEGREE

### AS — Mathematics

#### REQUIRED PROGRAM

	<b>Units</b>
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
<b>Plus select one of the following courses:</b>	.....4
CISP 360	Introduction to Structured Programming (4)
CISP 370	Beginning Visual BASIC (4)
STAT 300	Introduction to Probability and Statistics (4)
<b>TOTAL UNITS REQUIRED</b>	<b>.....26</b>

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:

- Identify, formulate, and solve applied problems (using calculus and linear algebra) in verbal, numeric, graphical, and symbolic form related to science, economics, or business.
- Recognize and construct valid arguments using deductive and inductive reasoning skills.
- Define and utilize terminology of mathematics with emphasis in calculus, linear algebra, and either statistics, logic or problem solving.
- Calculate derivatives and integrals using a variety of defined rules and strategies of calculus, algebraic properties and trigonometric identities.



**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
<b>TOTAL UNITS REQUIRED.....</b>	<b>22</b>

The Associate of Science in Mathematics for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Mathematics at the Institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

**This program has the following completion requirements:**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
  - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

**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 10**  
**Developing Confidence in Math** **1 Unit**

*Prerequisite: None*  
*Corequisite: MATH 20, 30, 100, 110, or 120*  
*Hours: 18 hours LEC*

This course helps students become more effective learners of mathematics. Topics addressed are how to overcome math anxiety and build confidence in math, study and note taking skills, time management, and test preparation. Students must be enrolled in Math 20, 30, 100, 110 or 120 to take this course or have the permission of the instructor. This course is graded on a Pass/No Pass basis.

**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 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. Students are required to purchase a compass, straight edge or ruler. (Competency: Mathematics)

**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. (Competency: Mathematics)

**MATH 295**  
**Independent Studies in Mathematics** **1-3 Units**  
*Prerequisite: None*  
*Hours: 18 hours LEC; 54-162 hours LAB*

**MATH 299**  
**Experimental Offering in Mathematics** **.5-4 Units**  
*Prerequisite: None*

**MATH 310**  
**Mathematical Discovery** **3 Units**  
*Prerequisite: MATH 110 or one year of high school Geometry and MATH 120; 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 UC/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. (Competency: Mathematics)

**MATH 335**  
**Trigonometry with College Algebra** **5 Units**  
*Prerequisite: MATH 120 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. (Competency: Mathematics)

**MATH 341****Calculus for Business and Economics** 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 designed around applications of sets, functions, limits, analytic geometry, and the differential and integral calculus in an economic and business context. This course is intended for business students; it is not recommended for mathematics and physical science majors. (Competency: Mathematics)

**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. (Competency: Mathematics)

**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. (Competency: Mathematics)

**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; Competency: Mathematics)

**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. (C-ID MATH 220; Competency: Mathematics)

**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; Competency: Mathematics)

**MATH 410**  
**Introduction to Linear Algebra** **3 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: 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. (C-ID MATH 250; Competency: Mathematics)

**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. (C-ID MATH 240; Competency: Mathematics)

**MATH 495**  
**Independent Studies in Mathematics** **1-3 Units**

*Prerequisite: None*  
*Course Transferable to CSU*  
*Hours: 54-162 hours LAB*

**MATH 499**  
**Experimental Offering in Mathematics** **.5-4 Units**

*Prerequisite: None*  
*Course Transferable to CSU*

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## 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, elementary probability principles, probability distributions, estimation of parameters, hypothesis testing, linear regression and correlation, and ANOVA. Statistical analysis using a computer statistics package or graphing calculator will be required. (C-ID MATH 110; Competency: Mathematics)

**STAT 495**  
**Independent Studies in Statistics** **1-3 Units**

*Prerequisite: None*  
*Course Transferable to CSU*  
*Hours: 54-162 hours LAB*

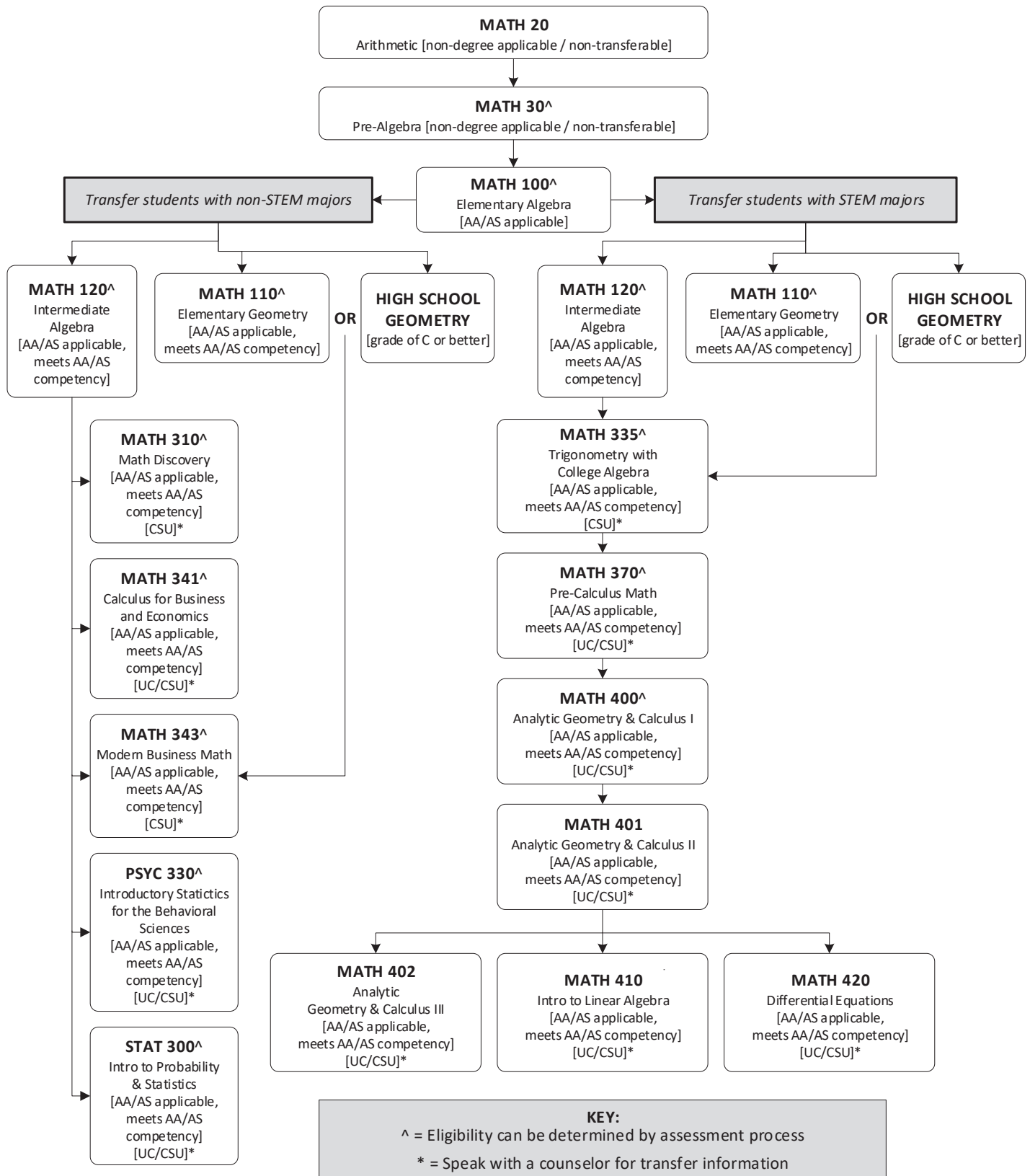
**STAT 499**  
**Experimental Offering in Statistics** **.5-4 Units**

*Prerequisite: None*  
*Course Transferable to CSU*



# Folsom Lake College Math Sequence

Based on the results of the assessment process, I place in the following classes:



NOTE: Current as of MARCH 2018; subject to change

# Medical Technology

## Dean

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FLC, Cypress Hall FL2-149

## Department Chair

Jason Pedro  
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EDC, B-232

## DEGREE

AS — Medical Laboratory Technician (MLT)

### Program Description

The medical laboratory technician (MLT) program at Folsom Lake College is designed to prepare students to qualify for and pass the National Medical Laboratory Technician Licensing exam. The Folsom Lake College MLT program is accredited by the California Department of Public Health (CDPH), Laboratory Field Services (LFS), and National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

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 on the website.

Successful completion of the MLT program requirements and general education graduation requirements of Folsom Lake College qualify the student for an associate 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 national certification and state 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 by the program and its clinical affiliates including, but not limited to: background clearance, physical examination, immunization clearance, and drug screening.
- All students must have completed all program prerequisites with a grade of C or better and have a minimum grade point average in those prerequisite courses of 2.50; see website for more information.

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), liability 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 American Society for Clinical Pathology (ASCP) National certification 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 certification 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 an 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**

- Designed to prepare students to qualify for and pass the National Medical Laboratory Technician Certification exam.
- Cohort training program that requires application for admission (see admission requirements on the website).
- Training in state-of-the-art hospital laboratory techniques.
- Clinical practicums at a hospital facility are included as part of the program.
- Accredited by the California Department of Public Health (CDPH), Laboratory Field Service (LFS), and National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

**DEGREE**

**AS — Medical Laboratory Technician (MLT)**

<u>REQUIRED PROGRAM</u>	<u>Units</u>
MEDTEC 310 Introduction to Medical Laboratory Techniques and Skin Punctures .....	2
MEDTEC 323 Clinical Chemistry .....	4
MEDTEC 324 Urine and Body Fluid Analysis.....	2
MEDTEC 330 Hematology .....	4
MEDTEC 340 Immunology and Immunohematology .....	4
MEDTEC 350 Clinical Microbiology .....	4
MEDTEC 360 Chemistry and Urinalysis Practicum .....	4
MEDTEC 361 Hematology and Hemostasis Practicum.....	4
MEDTEC 362 Immunology and Immunohematology Practicum .....	3
MEDTEC 363 Microbiology Practicum .....	4
<b>A minimum of zero (0) units from the following:</b> .....	<b>0<sup>1</sup></b>
MEDTEC 311 Advanced Phlebotomy Venipuncture Skills (2)	
MEDTEC 312 Phlebotomy Clinical Internship (2)	
<b>TOTAL UNITS REQUIRED</b> .....	<b>35</b>

<sup>1</sup>Students that hold a valid and current California Phlebotomist certificate (CPT-1) are not required to take MEDTEC 311 or MEDTEC 312 while participating in the Medical Laboratory Technician Program. Per the State of California, students without a valid and current CPT-1 certificate are required to take MEDTEC 311 and MEDTEC 312 as part of their Medical Laboratory Technician training.

**Program Student Learning Outcomes**

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

- Pass the nationally recognized certification examination.
- Apply appropriate quality control procedures and recognize and interpret erroneous results for any applicable medium-complexity laboratory testing process.
- Describe the principles, the clinical significance, and critical values of applicable medium-complexity clinical laboratory test results.
- Demonstrate safe use and disposal of biohazardous materials, and the proper methods of specimen preparation.
- Assess sample quality and cite any pre-analytical variables in testing.
- Demonstrate successful venipunctures and skin punctures on patients from a variety of age groups with a variety of medical conditions.
- Exhibit professional and committed delivery of excellent health care.

# Medical Technology (MEDTEC)

## MEDTEC 310

### Introduction to Medical Laboratory Techniques and Skin Punctures

**2 Units**

*Prerequisite: None*

*Enrollment Limitation: Students must be admitted to the Medical Laboratory Technician Program at Folsom Lake College. Students must also provide documentation of Hepatitis B vaccination status before beginning this class, as students will be handling blood and body fluid specimens in all class sessions. Students will also be required to purchase their portion of the college's liability insurance policy.*

*Course Transferable to CSU*

*Hours: 27 hours LEC; 27 hours LAB*

This course prepares students for a career in a medical laboratory. 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 Medical Laboratory Technician. Students perform skin punctures, which is the penetration of the skin with a lancet to withdraw blood, on other students. Students learn about 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 may be required to provide their own transportation on a field trip.

## MEDTEC 311

### Advanced Phlebotomy Venipuncture Skills **2 Units**

*Prerequisite: MEDTEC 310 with a grade of "C" or better*  
*Enrollment Limitation: Students must be admitted to the Medical Laboratory Technician Program at Folsom Lake College. Students must also provide documentation of Hepatitis B vaccination status before beginning this class, as students will be handling blood and body fluid specimens in all class sessions. Students are also required to purchase their portion of the college's liability insurance policy.*

*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) regulations. Students learn to perform a venipuncture (the penetration of a vein with a needle to withdraw blood for therapeutic or clinical laboratory testing) on other students using the three available systems. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves is required. Students may be required to provide their own transportation on a field trip.

## MEDTEC 312

### Phlebotomy Clinical Internship

**2 Units**

*Prerequisite: MEDTEC 311 with a grade of "C" or better*  
*Enrollment Limitation: Students must be admitted to the Medical Laboratory Technician Program and have met all requirements for entry including, but not limited to: passing all drug, background, and immunology screening requirements, paying their portion of the college's liability insurance policy, and obtaining personal health insurance.*

*Course Transferable to CSU*

*Hours: 9 hours LEC; 81 hours LAB*

This course provides a clinical laboratory experience in the phlebotomy department of a health care organization. The clinical internship is conducted as a non-paid laboratory experience and the student is required to attend the facility for the minimum required hours. Students will perform at least 50 venipuncture procedures on patients from a variety of age groups and medical conditions. Emphasis will be placed on safety, specimen quality, and proper venipuncture technique. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

**MEDTEC 323****Clinical Chemistry****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, and blood gases will also be covered. Discussion topics will be correlated with applications in human medicine. Purchase of personal protective equipment, including safety glasses and a 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 324****Urine and Body Fluid Analysis****2 Units***Prerequisite: None**Enrollment Limitation: Admission to the Medical Laboratory Technician (MLT) Program or program director approval.**Course Transferable to CSU**Hours: 20 hours LEC; 48 hours LAB*

An introduction to the study of urine and body fluid analysis. Includes the anatomy and physiology of the kidney, physical, chemical and microscopic examination of urine, cerebrospinal fluid, and other body fluids as well as quality control, quality assurance and safety. Purchase of personal protective equipment, including 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 Immunoematology****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: MEDTEC 323 with a grade of "C" or better.*  
*Enrollment Limitation: Students must be admitted to the Medical Laboratory Technician Program and have met all requirements for entry including, but not limited to: passing all drug, background, and immunology screening requirements, paying their portion of the college's liability insurance policy, and obtaining personal health insurance.*  
*Course Transferable to CSU*  
*Hours: 216 hours LAB*

This course provides a clinical laboratory experience in the chemistry department of a health care organization. Instrumentation and manual methods will be introduced. The clinical internship is conducted as a non-paid laboratory experience and the student is required to attend the facility for the minimum required hours. Emphasis will be placed on technique, accuracy and precision as well as quality control, bio-marker significance, and urinalysis procedures. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

**MEDTEC 361****Hematology and Hemostasis Practicum 4 Units**

*Prerequisite: MEDTEC 330 with a grade of "C" or better.*  
*Enrollment Limitation: Students must be admitted to the Medical Laboratory Technician Program and have met all requirements for entry including, but not limited to: passing all drug, background, and immunology screening requirements, paying their portion of the college's liability insurance policy, and obtaining personal health insurance.*  
*Course Transferable to CSU*  
*Hours: 216 hours LAB*

This course provides a clinical laboratory experience in the hematology department of a health care organization. Instrumentation and manual methods will be introduced. The clinical internship is conducted as a non-paid laboratory experience and the student is required to attend the facility for the minimum required hours. Emphasis will be placed on technique, accuracy and precision as well as blood cell differentiation, blood cell indices, and coagulation procedures. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

**MEDTEC 362****Immunology and Immunoematology Practicum 3 Units**

*Prerequisite: MEDTEC 340 with a grade of "C" or better.*  
*Enrollment Limitation: Students must be admitted to the Medical Laboratory Technician Program and have met all requirements for entry including, but not limited to: passing all drug, background, and immunology screening requirements, paying their portion of the college's liability insurance policy, and obtaining personal health insurance.*  
*Course Transferable to CSU*  
*Hours: 162 hours LAB*

This course provides a clinical laboratory experience in the immunology/immunoematology department of a health care organization. Instrumentation and manual methods will be introduced. The clinical internship is conducted as a non-paid laboratory experience and the student is required to attend the facility for the minimum required hours. Emphasis will be placed on technique, accuracy and precision as well as specimen receipt and evaluation, special handling procedures, and component processing in the transfusion service. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

**MEDTEC 363****Microbiology Practicum 4 Units**

*Prerequisite: MEDTEC 350 with a grade of "C" or better.*  
*Enrollment Limitation: Students must be admitted to the Medical Laboratory Technician Program and have met all requirements for entry including, but not limited to: passing all drug, background, and immunology screening requirements, paying their portion of the college's liability insurance policy, and obtaining personal health insurance.*  
*Course Transferable to CSU*  
*Hours: 216 hours LAB*

This course provides a clinical laboratory experience in the Microbiology department of a health care organization. Instrumentation and manual methods will be introduced. The clinical internship is conducted as a non-paid laboratory experience and the student is required to attend the facility for the minimum required hours. Emphasis will be placed on technique, accuracy and precision as well as specimen evaluation, organism identification, and susceptibility testing. Purchase of personal protective equipment, including a lab coat, safety glasses, and disposable gloves, is required. Students will also be required to provide their own transportation to the partner health care facility which may be outside of the Sacramento region.

**MEDTEC 495**  
**Independent Studies**  
**in Medical Technology**  
*Prerequisite: None*  
*Course Transferable to CSU*  
*Hours: 54-162 hours LAB*

**1-3 Units**

**MEDTEC 499**  
**Experimental Offering**  
**in Medical Technology**  
*Prerequisite: None*

**.5-4 Units**

# Modern Making

**Dean**

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**CERTIFICATE OF ACHIEVEMENT**

Modern Making

**CERTIFICATES OF RECOGNITION**

Digital Fabrication  
 Physical Computing and the Internet of Things

**Description**

The modern making curriculum at Folsom Lake College is ideal for makers, artists, entrepreneurs, educators, hobbyists, inventors, and anyone interested in enhancing and developing marketable job skills, solving problems, developing products, improving business processes, or creating works of art using state-of-the-art digital fabrication tools and techniques.

**Career Options**

- Artist
- Education
- Engineer
- Entrepreneur
- Product Designer
- Programmer
- Researcher
- Small Business Owner

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

**Highlights**

- Talented faculty with practical experience and expertise.
- Hands-on experience in a wide variety of digital fabrication tools and techniques.
- A comprehensive makerspace.

**CERTIFICATE OF ACHIEVEMENT**

**Modern Making**

*Note: This program is pending CCCCCO approval.*

**REQUIRED PROGRAM**

**Units**

MAKR 100	Introduction to Microcontrollers and Physical Computing .....	3
MAKR 101	The Internet of Things.....	3
MAKR 110	3D Design for Additive Manufacturing .....	3
MAKR 111	Digital Fabrication.....	3
MAKR 290	Modern Making Capstone Project.....	1
<b>A minimum of three (3) units from the following: .....</b>		<b>3</b>
BUS 357	Entrepreneurship, Innovation, and New Enterprise Development (3)	
ECE 452	Making for Educators (3)	
SOC 379	Making Social Change (3)	
TA 420	Stagecraft (3)	
TA 423	Introduction to Scene Design for the Stage (3)	

**TOTAL UNITS REQUIRED .....16**

The certificate in Modern Making combines hands-on experience in modern making technologies with design thinking, enabling the development of creative prototypes and projects.

Students will gain experience in modern making technologies, techniques, materials and production processes, including digital fabrication and physical computing.

The Modern Making certificate is ideal for entrepreneurs developing products and services, artists creating interactive installations, educators developing STEM activities for use in the classroom, hobbyists, makers, inventors, and anyone interested in enhancing job skills and solving real-world problems.

**Program Student Learning Outcomes**

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

- Evaluate physical computing and Internet of Things products, services and devices, and choose appropriate technologies for a given application.
- Utilize software, microcontrollers, and related electronic components to create interactive objects, prototypes and devices that integrate programming, networking, sensing, and actuation and that respond to environmental and user inputs.



- Evaluate various digital fabrication technologies, techniques, and materials and select the appropriate approach or combination of approaches for a given application or to solve a particular problem.
- Utilize a variety of tools to create, modify, adapt and prepare files for production using digital fabrication technologies, including 3D printing, laser cutting, and Computer Numerical Control (CNC) milling.
- Apply design thinking and the tools, techniques and technologies of digital fabrication, physical computing and the internet of things to develop prototypes and solutions across disciplines.

## CERTIFICATE OF RECOGNITION

### Digital Fabrication

REQUIRED PROGRAM		Units
MAKR 110	3D Design for Additive Manufacturing ...	3
MAKR 111	Digital Fabrication.....	3
<b>TOTAL UNITS REQUIRED</b> .....		<b>6</b>

Digital fabrication is the process of translating a digital design developed on a computer into a physical object, using a variety of techniques, equipment, materials and production processes. Students completing the Digital Fabrication certificate will develop experience with design, development and production of physical objects, using a combination of hardware and software.

The Digital Fabrication certificate is ideal for makers, artists, entrepreneurs, educators, hobbyists, inventors, and anyone interested in enhancing job skills, solving problems, developing products, improving business processes, or creating works of art.

#### Program Student Learning Outcomes

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

- Evaluate various digital fabrication technologies, techniques, and materials and select the appropriate approach or combination of approaches for a given application or to solve a particular problem.
- Design and develop conceptual and functional prototypes that meet project requirements, using the principles of design thinking.

Utilize a variety of tools to create, modify, adapt and prepare files for production using digital fabrication technologies, including 3D printing, laser cutting, and Computer Numerical Control (CNC) milling.

## CERTIFICATE OF RECOGNITION

### Physical Computing and the Internet of Things

REQUIRED PROGRAM		Units
MAKR 100	Introduction to Microcontrollers and Physical Computing .....	3
MAKR 101	The Internet of Things.....	3
<b>TOTAL UNITS REQUIRED</b> .....		<b>6</b>

Physical Computing and the Internet of Things (IoT) are terms used to describe the internetworking of physical devices, vehicles, buildings and other items embedded with electronics, software, sensors, actuators, and network connectivity that enable these objects to collect and exchange data. Examples of physical computing and IoT devices include home automation systems, remote monitoring solutions, and “smart” devices of all kinds.

Upon completing this hands-on certificate, students will have a solid foundation in physical computing and IoT techniques and technologies, including evaluating devices and services, the use of microcontrollers, developing and modifying programming code, using sensors to record and evaluate environmental data, and employing various kinds of actuators to respond to user and environmental inputs.

The Physical Computing and the Internet of Things certificate is ideal for entrepreneurs developing products and services, artists wishing to create interactive installations, educators developing STEM activities for use in the classroom, small business owners working to improve business processes, hobbyists and makers and inventors, and anyone interested in enhancing job skills and solving real-world problems.

#### Program Student Learning Outcomes

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

- Evaluate physical computing and Internet of Things products, services and devices, and choose appropriate technologies for a given application.
- Design and develop physical computing and Internet of Things solutions using the principles of design thinking.
- Utilize software, microcontrollers, and related electronic components to create interactive objects, prototypes and devices that integrate programming, networking, sensing, and actuation and respond to environmental and user inputs.

# Modern Making (MAKR)

## MAKR 100

### Introduction to Microcontrollers and Physical Computing

**3 Units**

*Prerequisite: None*

*Hours: 54 hours LEC*

Physical computing is a term for interactive physical systems that combine software and hardware to sense and respond to the analog world. In this hands-on course, students will learn to employ design thinking to create solutions that satisfy design requirements, and combine programming, microcontrollers, sensors, and output devices to develop conceptual and functional physical computing prototypes.

This course is designed for makers, artists and inventors, entrepreneurs, educators, hobbyists, and anyone interested in solving problems, developing or enhancing products, improving business processes, gaining additional job skills, or creating interactive art. No prior experience with programming or microcontrollers required. Students will need access to an Arduino microcontroller starter kit.

## MAKR 101

### The Internet of Things

**3 Units**

*Prerequisite: None*

*Hours: 54 hours LEC*

The course is an introduction to the concepts and technologies that enable the Internet of Things (IoT), including software, microcontrollers, network technologies, sensors and actuators. In this hands-on course, students will be introduced to the history and evolution of IoT, analyze and evaluate a variety of IoT systems and devices used in manufacturing, environmental monitoring, home automation, medical devices, and consumer products, and use design thinking and hardware and software skills to design, build, and test a simple IoT prototype. This course is designed for makers, artists and inventors, entrepreneurs, educators, hobbyists, and anyone interested in enhancing job skills, solving problems, developing or improving products and business processes, or creating interactive art. No prior experience with programming or microcontrollers required. Students will need access to an Arduino microcontroller starter kit.

## MAKR 110

### 3D Design for Additive Manufacturing

**3 Units**

*Prerequisite: None*

*Hours: 54 hours LEC*

In this hands-on course, students will design and fabricate 3D objects using computer-aided design (CAD) software and 3D printers. They will participate in the design process and become familiar with the advantages and limitations of each 3D printing technology in terms of precision, resolution, and material capabilities. Students will employ design thinking to create solutions that satisfy design requirements, and apply 3D printing technology to develop conceptual and functional prototypes. Designed for students with no prior experience with 3D printing or design.

## MAKR 111

### Digital Fabrication

**3 Units**

*Prerequisite: None*

*Hours: 54 hours LEC*

In this hands-on course, students will design and fabricate objects using computer-aided design (CAD) software and a variety of digital fabrication tools and technologies, including 3D printing (3DP), laser cutting, and Computer Numerical Control (CNC) milling, while employing design thinking to create conceptual and functional prototypes that satisfy project requirements. This course is designed for makers, artists and inventors, entrepreneurs, educators, hobbyists, and anyone interested in enhancing job skills, solving problems, developing or improving products and business processes, or creating works of art. No prior experience with digital fabrication required.

**MAKR 290****Modern Making Capstone Project****1 Unit**

*Prerequisite: MAKR 100, 101, 110, and 111 with grades of "C" or better.*

*Hours: 18 hours LEC*

The capstone project is an opportunity for students to demonstrate applied interdisciplinary skills, creativity, problem solving, and design thinking in the development of an in-depth making project. Working with faculty, students will create a project plan and develop a work product using skills, technologies and techniques of making. Students may choose to extend a prototype developed as part of a MAKR class, or address an identified challenge or need from the perspective of a specific discipline. Successful projects integrate modern making skills and techniques, and embody an awareness of a variety of constraints, including economic factors, user experience, safety, reliability, resources, market needs, aesthetics, ethics, and social impact. Students will have the opportunity to present their work as part of spotlight and showcase events. Students are required to supply materials and supplies to complete their projects.

**MAKR 295****Independent Studies in Modern Making****1-3 Units**

*Prerequisite: None*

*Hours: 54-162 hours LAB*

**MAKR 299****Experimental Offering in Modern Making .5-4 Units**

*Prerequisite: None*

# Music

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## CERTIFICATE OF RECOGNITION

Commercial Music: Live Sound Technician  
Commercial Music: Music Entrepreneurship

### Description

The Folsom Lake College music curriculum includes vocal and instrumental components, as well as courses on music and music history. The curriculum in music is designed to provide students with a foundation in music to gain an appreciation of, and an interest in, pursuing music as a hobby or career.

### Career Options - Live Sound Technician

Students who complete the program will be prepared for employment as live sound technicians in concert halls, music venues, theaters, houses of worship, at music festivals, and for other events utilizing a public address system.

### Career Options - Music Entrepreneurship

Church Music Direction  
Composer  
Instrumental Performance  
Music Education  
Music Store Employment & Management  
Public and Private Teaching  
Vocal Performance

*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.

## CERTIFICATE OF RECOGNITION

### Commercial Music: Live Sound Technician

#### REQUIRED PROGRAM

	Units
MUFHL 400 Music Theory and Musicianship I .....	4
MUSM 306 Live Sound Reinforcement.....	3
MUSM 334 Introduction to Musical Instrument Digital Interface (MIDI) .....	2
MUSM 356 Pro Tools 101, Introduction to Pro Tools ..	1.5
TA 422 Stage Lighting .....	3
<b>A minimum of three (3) units from the following:</b> .....	<b>3</b>
MUSM 498 Work Experience in Music Specializations (1- 4)	3
<b>TOTAL UNITS REQUIRED</b> .....	<b>16.5</b>

This certificate is designed to train students in live sound reinforcement for preparation for employment as live sound technicians in concert halls, at music venues, theaters, houses of worship, music festivals and other locations where public address systems are utilized.

### Program Student Learning Outcomes

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

- Run a public address system for live performances in a variety of settings.
- Design and build an onstage live sound set-up utilizing mixers, speakers, sub-woofers, monitors, microphones and amplifiers.
- Diagnose and address problems with feedback, unwanted distortion, equipment buzzing and other extraneous sound to maximize amplification while minimizing noise.

**CERTIFICATE OF RECOGNITION****Commercial Music: Music Entrepreneurship**

<b>REQUIRED PROGRAM</b>	<b>Units</b>
MUFHL 321 Basic Musicianship.....	3
MUSM 334 Introduction to Musical Instrument Digital Interface (MIDI) .....	2
MUSM 110 The Business of Music .....	3
MUSM 356 Pro Tools 101, Introduction to Pro Tools ..	1.5
<b>A minimum of two (2) units from the following:.....</b>	<b>2</b>
MUP 320 Jazz Band (2)	
MUP 311 Advanced Orchestra (1-2)	
MUP 350 Concert Choir I (2)	
MUP 357 College Chorus (2)	
MUP 400 Vocal Jazz Ensemble (2)	
<b>TOTAL UNITS REQUIRED .....</b>	<b>11.5</b>

This program is designed to provide students with an entry level preparation in the diverse set of skills required of musicians in the rapidly evolving music industry, including performing, recording, promotion, marketing and management.

**Program Student Learning Outcomes**

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

- Demonstrate a mastery of commercial music styles on one primary instrument/voice including demonstrating an ability to improvise solo passages.
- Understand key changes in the music industry and the related economic opportunities created by these emerging technologies and revenue streams.
- Evaluate the relative advantages of professionally produced audio recordings/media vs. “do-it-yourself” recordings/media and describe the industry applicability of both.
- Construct a business marketing plan for a performing artist/ensemble based upon models of expanding local, regional and national industry markets.
- Explain the processes of protecting intellectual property in the music industry including song registration, copyrighting original works and trademark registration.

# 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**See UC Limitations & Counselor**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. (C-ID MUS 100)

**MUFHL 308****Introduction to Music: Rock & Roll****3 Units***Prerequisite: None**General Education: AA/AS Area I; CSU Area C1;**CSU Area C2; IGETC Area 3A**Course Transferable to UC/CSU**Hours: 54 hours LEC*

This course examines social, political, cultural, and economic issues as they relate to the history of Rock & Roll music. It includes guided listening and video presentations to show the evolution of Rock from its roots to current stylistic trends. This course requires no previous musical study.

**MUFHL 310**  
**Survey of Music History**  
**and Literature (Greek Antiquity to 1750)**      **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**  
**(1750 to the present)**      **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 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 skills in music notation, including reading treble and bass clefs, the staff, notes, rhythms, intervals, scales, chords, keys, and key signatures. Musical literacy and creativity will be reinforced by aural and rhythmic drills, the use of music software, and short, creative assignments. Works from classical and commercial music will be used for demonstration purposes. Recommended for students with little or no music experience. (C-ID MUS 110)

**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 combined with musical influences from other cultures to produce acculturated styles of World Music. Music of the Americas, Africa, Asia, Oceania and Europe will be covered.

**MUFHL 400**  
**Music Theory and Musicianship I**      **4 Units**

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

*Advisory: MUIVI 345*

*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. (C-ID MUS 125; C-ID MUS 120)

**MUFHL 401**  
**Music Theory and Musicianship II**      **4 Units**

*Prerequisite: MUFHL 400 with a grade of "C" or better.*

*Advisory: MUIVI 346*

*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 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. (C-ID MUS 130; C-ID MUS 135)

**MUFHL 410****Music Theory and Musicianship III 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. (C-ID MUS 140; C-ID MUS 145)

**MUFHL 411****Music Theory and Musicianship IV 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. This course also includes practice in rhythmic, melodic, and harmonic dictation, sight-singing and ear-training. MUFHL 411 is required for music majors. (C-ID MUS 150; C-ID MUS 155)

**MUFHL 495****Independent Studies in Music Fundamentals, History, and Literature 1-3 Units**

*Prerequisite:* None

*Course Transferable to CSU*

*Hours:* 54-162 hours LAB

**MUFHL 499****Experimental Offering in Music Fundamentals, History, and Literature .5-4 Units**

*Prerequisite:* None

*Course Transferable to CSU*

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# Music - Instrumental/ Voice Instruction (MUIVI)

**MUIVI 310****Voice Class I 2 Units**

***Course Family: Traditional Voice Fundamentals***

*Prerequisite:* None

*General Education:* CSU Area C1

*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. Students will be required to attend concert performances at their own expense.

**MUIVI 311****Voice Class II 2 Units**

***Course Family:***

***Traditional Voice Technique and Repertoire***

*Prerequisite:* MUIVI 310 with a grade of "C" or better; or by instructor consent.

*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 III 2 Units**

***Course Family:***

***Traditional Voice Technique and Repertoire***

*Prerequisite:* MUIVI 311 with a grade of "C" or better; or by instructor's consent.

*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.

**MUIVI 321**  
**Voice Class IV** **2 Units**

**Course Family:**

**Traditional Voice Technique and Repertoire**

*Prerequisite:* MUIVI 320 with a grade of "C" or better; or with instructor's consent.

*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.

**MUIVI 345**  
**Beginning Piano I** **1-2 Units**

**Course Family: Traditional Piano Fundamentals**

*Prerequisite:* None

*Advisory:* MUFHL 321

*Course Transferable to UC/CSU*

*Hours: 18 hours LEC; 18-54 hours LAB*

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

**MUIVI 346**  
**Beginning Piano II** **1-2 Units**

**Course Family: Traditional Piano Fundamentals**

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

*Advisory:* MUFHL 400

*Course Transferable to UC/CSU*

*Hours: 18 hours LEC; 18-54 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. The course prepares students who are transferring to four year degree granting programs for the piano proficiency examination. A minimum of two hours a week outside practice is required for the two-unit option.

**MUIVI 370**  
**Beginning Guitar** **2 Units**

**Course Family: Traditional Guitar and Bass**

*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**

**Course Family: Traditional Guitar and Bass**

*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****Course Family: Traditional Guitar and Bass**

*Prerequisite:* MUIVI 371 with a grade of "C" or better, or placement through the assessment process.

*Advisory:* MUFHL 321

*Course Transferable to UC/CSU*

*Hours:* 27 hours LEC; 27 hours LAB

This course is a continuation of MUIVI 371 Intermediate Guitar, and includes higher-level note reading, accompaniment techniques, and both solo and ensemble playing. The development of personal style is encouraged. Performance in class and/or recital is essential. Students must provide their own guitar (preferably acoustic) and accessories (e.g. tuner, pick, capo, metronome).

**MUIVI 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****Course Family: Traditional Applied Music Fundamentals**

*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 1-3 Units**

*Prerequisite:* None

*Course Transferable to UC/CSU*

*Hours:* 54-162 hours LAB

Independent study designed to provide instrumental training not offered in other CRC music classes. Components of the course may include private or group instruction, solo and ensemble work, accompanying experience, and programmed learning in music fundamentals and music technology. Also for students interested in developing tutorial and/or instrumental skills. Each component may be repeated for a total of 3 units, up to a maximum of 9 units.

**MUIVI 499****Experimental Offering****in Music Instrumental/Voice Instruction .5-4 Units**

*Prerequisite:* None

*Course Transferable to CSU*

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## Music - Performance (MUP)

**MUP 311****Advanced Orchestra****1-2 Units**

*Prerequisite:* MUP 310 with a grade of "C" or better; or audition.

*Course Transferable to UC/CSU*

*Hours:* 54-108 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. Students will be expected to supply their own musical instruments in most instances. Some musical instruments may be provided by the college. This course may be taken four times. Field trips may be required. (C-ID MUS 180)

**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 are required. This course may be taken four times for credit. (C-ID MUS 180)

**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 360 Chamber Singers** **2 Units**

*Prerequisite: None*

*Advisory: MUP 350 and 357*

*Enrollment Limitation: Students must successfully pass an audition to enroll.*

*Course Transferable to CSU*

*Hours: 18 hours LEC; 54 hours LAB*

This course is designed as an advanced choral ensemble of limited size and performing a wide variety of choral repertoire including: Several centuries of choral music from various style periods and genres, world music and folk-song arrangements. Travel to public performances, festivals and field trips may be required. Music will be provided by the college; however, students may have to contribute to the purchase of their concert performance attire. This course may be repeated to meet the major requirement for transfer to CSU or other universities with similar transfer requirements.

**MUP 400  
Vocal Jazz Ensemble** **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. (C-ID MUS 180)

**MUP 422  
Special Ensemble Participation** **.5-2 Units**

*Prerequisite: None*

*Course Transferable to UC/CSU*

*Hours: 27-108 hours LAB*

This course is open to all students who sing or play musical instruments. Instrumentation and repertoire of groups will vary, including jazz combos, classical chamber ensembles, guitar ensemble, and other musical ensembles.

**MUP 424****Commercial Music Ensemble****2 Units***Prerequisite: None**Enrollment Limitation: Audition required before students may enroll in the class.**Course Transferable to UC/CSU**Hours: 18 hours LEC; 54 hours LAB*

This course involves the rehearsal and performance of contemporary popular and commercial music genre including rock, pop, jazz, r&b, funk, Latin and world. This course may be taken four times for credit. (C-ID MUS 180)

**MUP 426****World Music Ensemble****1 Unit***Prerequisite: None**Enrollment Limitation: Ability to play an instrument.**Course Transferable to UC/CSU**Hours: 18 hours LEC; 18 hours LAB*

This course involves the rehearsal and performance of various musical genres from different world cultures, including Celtic, European, Asian, African, Latin American, Native American, Middle Eastern and combinations thereof. This course maybe taken four times for credit.

**MUP 495****Independent Studies  
in Music Performance****1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***MUP 499****Experimental Offering  
in Music Performance****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

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# 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 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 306****Live Sound Reinforcement****3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 18 hours LEC; 72 hours LAB*

This course provides an introduction to live sound mixing directed toward employment in the sound reinforcement industry and in operating sound systems in music clubs, theaters, churches, music festivals, and other venues. Students will develop competency in operating mixing consoles, speaker and monitor placement, microphone placement techniques, room equalization, reverb, delay, and other effects (gate/compressor/limiters etc.). Students will learn practical techniques for creating optimal concert sound. (C-ID CMUS 120X)

**MUSM 320****Contemporary Songwriting****3 Units**

*Prerequisite: MUFHL 321 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. (C-ID CMUS 150X)

**MUSM 334****Introduction to Musical Instrument Digital Interface (MIDI)****2 Units**

*Prerequisite: None*

*Advisory: MUFHL 321*

*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. (C-ID CMUS 100X)

**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 in the AVID Certified Training Location alliance. It is an introductory course to AVID's Pro Tools software application. This course fully trains students in the basic operation of Pro Tools. Students learn how to record, edit, and mix music and Musical Instrument Digital Interface (MIDI) within the Pro Tools application. This course is conducted in the Music Department's IDEA (Interdisciplinary Electronic Arts) computer lab.

**MUSM 370****Music for Children****3 Units**

*Prerequisite: None*

*General Education: AA/AS Area I*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course provides methodologies, experiences, and materials for integrating music into pre-school, elementary, and recreational programs. It is recommended for elementary and early childhood credential candidates, recreation leaders, and others who use music with children.

**MUSM 495****Independent Studies****in Music Specializations****1-3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54-162 hours LAB*

**MUSM 498****Work Experience in Music Specializations 1-4 Units**

*Prerequisite: None*

*Advisory: ENGWR 101 or ESLW 320*

*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 the field of Commercial Music. Course content will include understanding the application of education to the workforce completing required forms which document the student's progress and hours spent at the work site and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**MUSM 499**  
**Experimental Offering**  
**in Music Specializations in Music**

**.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

# Nutrition

## Dean

Matt Wright  
(916) 608-6686  
FLC, Gymnasium G-118

## Department Chair

Rose Giordano  
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FLC, Harris Center PAC-2350

## DEGREE

AS-T — Nutrition and Dietetics

### Description

The Folsom Lake College nutrition curriculum prepares the student for further study in nutrition science and related fields or a program in clinical dietetics.

Note 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 as instruction may have different requirements for transfer and bachelor's 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

- On-campus and online course offerings.
- Professional and innovative faculty.
- Hands-on experience in nutrition and diet assessment.



Associate Degree  
for Transfer

*A Degree with a Guarantee.™*

## DEGREE

### AS-T — Nutrition and Dietetics

#### REQUIRED PROGRAM

**Units**

BIOL 440	General Microbiology (4)	
or BIOL 442	General Microbiology and Public Health (5).....	4-5
CHEM 400	General Chemistry I .....	5
NUTRI 300	Nutrition .....	3
PSYC 300	General Principles .....	3
<b>A minimum of eight (8) units from the following:.....</b>		<b>8</b>
BIOL 430	Anatomy and Physiology (5)	
and BIOL 431	Anatomy and Physiology (5)	
CHEM 401	General Chemistry II (5)	
CHEM 420	Organic Chemistry I (5)	
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
or STAT 300	Introduction to Probability and Statistics (4)	
<b>A minimum of three (3) units from the following: .....</b>		<b>3</b>
ACCT 301	Financial Accounting (4)	
ANTH 310	Cultural Anthropology (3)	
BUS 340	Business Law (3)	
COMM 311	Argumentation and Debate (3)	
ECE 312	Child Development (3)	
or PSYC 372	Child Development (3)	
ECE 314	The Child, the Family and the Community (3)	
ECON 302	Principles of Macroeconomics (3)	
ECON 304	Principles of Microeconomics (3)	
NUTRI 310	Cultural Foods of the World (3)	
NUTRI 330	Food Theory and Preparation (4)	
SOC 300	Introductory Sociology (3)	
SOC 310	Marriage and the Family (3)	
<b>TOTAL UNITS REQUIRED .....</b>		<b>26-27</b>

The Associate of Science in Nutrition and Dietetics for Transfer (AS-T) degree in Nutrition and Dietetics at Folsom Lake College allows students interested in pursuing a degree in Nutrition and Dietetics to complete their first two years of requirements at the community college before transferring to a California State University which offers a B.S. degree in Nutrition and 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. Each California State University may have different requirements for transfer and Bachelor degrees.

**This program has the following completion requirements:**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
  - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

**Program Student Learning Outcomes**

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

- Demonstrate an understanding of the relationships between chemistry, biology, and nutrition.
- Design diet plans using nutrition principles to promote optimal health.
- Apply knowledge of the interaction of nutrition and health using problem-solving and critical thinking skills.
- Examine cultural diversity in regards to nutrition and foods.
- Distinguish between reliable sources of nutrition information and nutrition claims not supported by research.

## Nutrition (NUTRI)

### NUTRI 300

#### Nutrition

**3 Units**

*Prerequisite: None*

*Advisory: BIOL 300 and CHEM 305 with grades of "C" or better.*

*General Education: AA/AS Area IV; CSU Area E1  
Course Transferable to UC/CSU*

*Hours: 54 hours LEC*

This course examines nutrition as a science and the chemical properties of nutrients in foods, the sources and functions of the nutrients in all stages of the life cycle, as well as nutrition as a world problem, and consumer problems related to food. Topics emphasized include nutrient metabolism, weight loss, sports nutrition, 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 using scientific principles. Students will be required to complete a personalized dietary analysis. (C-ID NUTR 110)

### NUTRI 302

#### Nutrition for Physical Performance

**3 Units**

*Prerequisite: None*

*Advisory: NUTRI 300 with a grade of "C" or better.*

*General Education: AA/AS Area III(b); CSU Area E1  
Course Transferable to UC/CSU*

*Hours: 54 hours LEC*

This course examines the basic scientific principles of nutrition, as well as the ramifications of nutrients on lifelong fitness, sport skill training, and physical performance. Special emphasis is placed on nutrient metabolism with respect to muscle strength development, cardiovascular capability, and body composition. Students are required to complete a personalized dietary analysis as specified by the instructor.

**NUTRI 310****Cultural Foods of the World****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; CSU Area D; IGETC Area 4**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. (C-ID ECE 220)

**NUTRI 322****Nutrition Issues Throughout Life****3 Units***Prerequisite: None**Advisory: NUTRI 300**General Education: AA/AS Area III(b)**Course Transferable to UC/CSU**Hours: 54 hours LEC*

This course is a study of the nutritive needs of persons at various stages of the lifecycle with emphasis on special periods such as pregnancy, preschool, adolescence, and aging. This course is particularly helpful to Kinesiology and Early Childhood Education majors as well as those dealing with people in social agencies, such as nursing and gerontology.

**NUTRI 330****Food Theory and Preparation****4 Units***Prerequisite: None**Advisory: ENGWR 51 and MATH 20 with grades of "C" or better.**Course Transferable to CSU**Hours: 54 hours LEC; 54 hours LAB*

This course provides an overview of the basic principles of cooking techniques and the use of ingredients in various foods. Students will assess the factors that influence taste and the changes that occur in foods during preparation. In the laboratory, the focus will be directed at students gaining hands-on experience in basic cooking skills, the application of food theories discussed in the lecture, the reasons for recipe procedures and the prevention and correction of cooking failures. Students will be required to purchase a calculator, lab coat, and closed toe shoes. (C-ID NUTR 120)

**NUTRI 340****Nutrition and Metabolism****3 Units***Prerequisite: BIOL 300, CHEM 305, or NUTRI 300 with a grade of "C" or better.**Advisory: LIBR 318 with a grade of "C" or better.**General Education: AA/AS Area IV**Course Transferable to UC/CSU**Hours: 54 hours LEC*

This course examines the chemical structure and metabolism of carbohydrate, lipids, and proteins. Emphasis is placed on the physiological roles of vitamins and minerals as well as metabolic pathways and their relation to overall health. In addition, this course will help the student integrate the understanding of metabolic knowledge to contemporary and controversial issues in nutrition.



**NUTRI 495**  
**Independent Studies**  
**in Nutrition and Foods**

**1-3 Units**

*Prerequisite: None*  
*Course Transferable to CSU*  
*Hours: 54-162 hours LAB*

**NUTRI 499**  
**Experimental Offering in Nutrition**

**.5-4 Units**

*Prerequisite: None*  
*Course Transferable to CSU*

**NUTRI 498**  
**Work Experience in Nutrition**

**1-4 Units**

*Prerequisite: None*  
*Advisory: ENGWR 101 or ESLW 320*  
*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 the field of Nutrition. Course content will include understanding the application of education to the workforce, completing required forms which document the student's progress and hours spent at the work site, and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

# Philosophy

## Dean

Brian Robinson  
(916) 361-6330  
RCC, RCC1-144

## Department Chair

Rebecca DeVille  
(916) 608-6694  
EDC, B-261

## DEGREE

AA-T — Philosophy

### Description

Philosophy is the logical examination of the fundamental issues people have pondered for over 2,500 years. What is reality and what is beauty? What is knowledge and truth? What is good and just? Does human existence have meaning and does God exist? 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

Business  
Education  
Ethics  
Government  
Human Service/Social Works  
Law  
Management  
Publishing  
Religious Service  
Scientific Research  
Social Work  
Teaching  
Writing

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

### Highlights

- Dedicated and enthusiastic faculty with expertise in critical thinking and ethics.
- Excellent transfer preparation by emphasizing critical reading and writing.
- Examination of traditional philosophical issues.



Associate Degree  
for Transfer

*A Degree with a Guarantee.<sup>SM</sup>*

## DEGREE

### AA-T — Philosophy

#### REQUIRED PROGRAM

**Units**

PHIL 325 Symbolic Logic (3).....3

**A minimum of six (6) units from the following:.....6**

PHIL 300 Introduction to Philosophy (3)

or PHIL 310 Introduction to Ethics (3)

**A minimum of three (3) units from the following: .....3**

PHIL 330 History of Classical Philosophy (3)

PHIL 331 History of Modern Philosophy (3)

**A minimum of nine (9) units from the following:.....9**

*Select 6 units from Philosophy Electives (not already chosen), and 3 units from either Philosophy Electives (not already chosen) or Humanities Electives.*

#### Philosophy Electives

PHIL 300 Introduction to Philosophy (3)

PHIL 310 Introduction to Ethics (3)

PHIL 320 Logic and Critical Reasoning (3)

PHIL 328 Critical Reasoning and Composition (3)

PHIL 330 History of Classical Philosophy (3)

PHIL 331 History of Modern Philosophy (3)

PHIL 350 Philosophy of Religion (3)

PHIL 352 Introduction to World Religions (3)

#### Humanities Electives

ENGLT 310 English Literature I (3)

ENGLT 311 English Literature II (3)

ENGLT 313 Arthurian and Chivalric Literature (3)

ENGLT 319 Introduction to English Epic Poetry (3)

ENGLT 320 American Literature I (3)

ENGLT 321 American Literature II (3)

ENGLT 330 African American Literature (3)

ENGLT 339 Postmodern American Fiction (3)

ENGLT 340 World Literature I (3)

ENGLT 341 World Literature II (3)

ENGLT 345 Mythologies of the World (3)

ENGLT 360 Women in Literature (3)

ENGLT 402 Introduction to Shakespeare and Film (3)

HIST 307 History of World Civilizations to 1500 (3)

HIST 308 History of World Civilizations,  
1500 to Present (3)

HUM 300	Classical Humanities (3)
HUM 310	Modern Humanities (3)
HUM 320	Asian Humanities (3)
HUM 325	Arts and Humanities of the Islamic World (3)
HUM 332	American Humanities (3)
HUM 370	Women and the Creative Imagination (3)
<b>TOTAL UNITS REQUIRED</b>	<b>.....18</b>

The Associate of Arts in Philosophy for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Philosophy at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

#### **This program has the following completion requirements:**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
  - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

#### **Program Student Learning Outcomes**

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

- Identify and analyze arguments, including their underlying assumptions, by applying logical and theoretical models or tools.
- Describe a range of central philosophical problems and some of the main arguments for and against them in epistemology, metaphysics, and ethics.
- Understand and describe major philosophical figures, movements, and themes in at least two major historical periods.
- Develop and cogently support his/her own positions on major philosophical issues.

## Philosophy (PHIL)

### **PHIL 300**

#### **Introduction to Philosophy**

**3 Units**

*Prerequisite: None*

*Advisory: ENGWR 101, ESLR 320, and ESLW 320*

*General Education: AA/AS Area II(b); AA/AS Area I;*

*CSU Area A3; CSU Area C2; 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 meta-philosophy, epistemology, metaphysics, ethics, political philosophy, philosophy of religion, history of philosophy, and existentialism. Students will practice distinguishing fact from opinion, employing inductive and deductive reasoning, identifying logical errors and fallacies, and developing oral and written arguments to support their own philosophical perspectives or challenge the perspectives of others. The quality of the course's required writing will reflect the standards of a college-level writing course. (C-ID PHIL 100)

### **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**Advisory: Eligibility for ENGRD 110 or ESLR 320; and ENGWR 101**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 good reasoning with an emphasis on deductive logic. It examines the functions of language, the nature of arguments, common fallacies committed in communication, definitions, the logic of categorical statements, sentential logic, and types of inductive reasoning. Emphasis is placed on developing analytical skills and applying principles of valid reasoning to the arguments encountered in everyday life. (C-ID PHIL 110)

**PHIL 325****Symbolic Logic****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 is an introduction to the concepts and principles of propositional and predicate logic. It includes a study of the syntax and semantics of symbolic logic, truth tables, methods of formal proof for validity and invalidity, natural deduction, and the logic of relations and identity. This course is recommended for students of the sciences, computer programming, mathematics, and philosophy. (C-ID PHIL 210)

**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 (between 6,000-8,000 words total) 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 multicultural issues. Essays will be evaluated for their quality in both critical thinking and composition.

**PHIL 330****History of Classical Philosophy****3 Units***Prerequisite: None**Advisory: Eligibility for ENGRD 110 or ESLR 320; and ENGWR 101**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 ancient Greeks to the Hellenistic period. The views of pre-Socratic thinkers, Socrates, Plato, and Aristotle are emphasized. This course is especially recommended for all philosophy, history and humanities majors. (C-ID PHIL 130)

**PHIL 331****History of Modern Philosophy****3 Units***Prerequisite: None**Advisory: Eligibility for ENGRD 110 or ESLR 320; and ENGWR 101**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 modern philosophy, from the Renaissance to Romanticism. The works of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant receive special attention. (C-ID PHIL 140)

**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 an introduction to traditional philosophical problems connected with religious belief. Issues to be discussed are the existence and nature of God, the problem of evil, the nature of religious language, the possibility of religious knowledge, the existence of miracles, religious experience, and mysticism. The rationality of religious belief will also be examined.

**PHIL 352****Introduction to World Religions****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 the major world religious traditions, including indigenous traditions, Hinduism, Buddhism, Taoism and Confucianism, Judaism, Christianity, and Islam. Students will study the practices and beliefs of each tradition and will read selected material from the sacred writings of each tradition. Also, the influence of these religions on contemporary issues in the United States including ethnicity, ethnocentrism, racism, ageism, class differences, and sexual orientation is considered.

**PHIL 495****Independent Studies in Philosophy****1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***PHIL 499****Experimental Offering in Philosophy****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Photography

**Dean**

BJ Snowden  
(916) 608-6752  
FLC, Harris Center PAC-2262

**Department Chair**

Eunyoung Hwang  
(916) 608-6425  
FLC, Harris Center PAC-1072

**Description**

The Folsom Lake College photography curriculum is designed to teach skills for entry-level positions in the professional photography industry.

**Career Options**

Architectural Photography  
Commercial Illustration & Advertising  
Fashion & Glamour Photography  
Industrial Photography  
Portrait & Wedding Photography  
Photographic Lab Technician  
Photojournalism

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

**Highlight**

- Field trips to a variety of photographic venues in Sacramento, the Bay Area, and Yosemite/ Eastern Sierras.

## Photography (PHOTO)

**PHOTO 295**

**Independent Studies in Photography** **1-3 Units**

*Prerequisite: None*

*Hours: 18 hours LEC; 54-162 hours LAB*

**PHOTO 299**

**Experimental Offering in Photography** **.5-4 Units**

*Prerequisite: None*

**PHOTO 302**

**Beginning Digital Photography** **3 Units**

*Prerequisite: None*

*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 must provide their own adjustable DSLR cameras and necessary media and materials. A fee is charged for digital printing.

**PHOTO 495**

**Independent Studies in Photography** **1-3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54-162 hours LAB*

**PHOTO 498****Work Experience in Photography****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Photography. Course content will include understanding the application of education to the workforce completing required forms which document the student's progress and hours spent at the work site and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**PHOTO 499****Experimental Offering in Photography****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Physical Science

**Dean**

Greg McCormac  
(916) 608-6615  
FLC, Dogwood Hall FL4-126

**Department Chair**

Daniel Hale  
(916) 608-6786  
FLC, Dogwood Hall FL4-228

**Description**

The Folsom Lake College physical science program offers an array of transferable courses that fulfill both major and general education requirements.

The PS 302 course is offered as part of the general education program at Folsom Lake College. This class is meant to give the student a comprehensive breadth of the field of physical science and a hands-on learning experience. The course is an excellent way for liberal arts students to gain an appreciation of scientific knowledge and methods.

## 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: 54-162 hours LAB*
**PS 499**
**Experimental Offering in Physical Science**
**.5-4 Units**
*Prerequisite: None*
*Course Transferable to CSU*



# Physics

## Dean

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## Department Chair

Daniel Hale  
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FLC, Dogwood Hall FL4-228

## DEGREE

AS-T — Physics

### Description

The Folsom Lake College physics program offers an array of transferable courses that fulfill both major and general education requirements.

The physics program consists of a three semester calculus-based physics sequence and a two semester trigonometry-based sequence. These sequences are designed to meet transfer requirements for students in the physical and life sciences, engineering, architecture, and computer information science. A preparatory physics course is also offered.

The PHYS 310 and PHYS 312 classes are meant to give liberal arts students a comprehensive breAD-Th of the field of physics and a hands-on learning experience. Both courses are an excellent way for liberal arts students to gain an appreciation of scientific knowledge and methods.

PHYS 311 is a preparatory class for prospective PHYS 350 and PHYS 411 students who have the required math, but lack physics and problem solving skills needed for success in future physics classes.

### Career Options - Calculus-Based Physics

Architect  
Astronomer  
Chemist  
Computer Scientist  
Engineer  
Geologist  
Meteorologist  
Oceanographer  
Physical Scientist  
Physicist

### Career Options - Trigonometry-Based Physics

Allied Health  
Life Science fields  
Pre-Med

## Highlights

- Modern and well-equipped laboratories.
- Small class size.



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## 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
<b>TOTAL UNITS REQUIRED .....</b>		<b>27</b>

The Associate of Science in Physics for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Physics at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

### This program has the following completion requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
  - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

2. Obtainment of a minimum grade point average of 2.0.  
AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

### 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.

## Physics (PHYS)

### PHYS 310

#### Conceptual Physics

**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 course provides a conceptual overview of Newtonian and modern physics for non-science students. The conceptual or non-mathematical approach to physics is tied to the student's personal experience in their everyday life. The student learns to see physics not as a classroom or laboratory activity, but as a part of his or her surroundings. The class is open to all students with no previous physics course.

### PHYS 311

#### Basic Physics

**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, and energy).

### PHYS 312

#### Conceptual Physics Laboratory

**1 Unit**

*Prerequisite: None*

*Corequisite: PHYS 310*

*Advisory: MATH 100 with a grade of "C" or better.*

*Course Transferable to UC/CSU*

*Hours: 54 hours LAB*

This laboratory course provides hands-on observation activities and interpretation of data in a variety of experimental situations. Topics include motion, sound, light, heat, electricity, and magnetism.

### PHYS 350

#### General Physics

**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; Part of C-ID PHYS 100S)

### 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; Part of C-ID PHYS 100S)

**PHYS 411 Mechanics of Solids and Fluids 4 Units**

*Prerequisite: See Corequisite*

*Corequisite: MATH 401; May be taken previously 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 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; Part of C-ID PHYS 200S)

**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; Part of C-ID PHYS 200S)

**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; Part of C-ID PHYS 200S)

**PHYS 495 Independent Studies in Physics 1-3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54-162 hours LAB*

This course offers a student or a small group of students the opportunity to study areas of physics that go beyond what is normally covered in physics department courses. It is meant to be an extension of a particular topic of a specific physics department course, and so to be eligible, students must have completed a physics course at Folsom Lake College. They must also gain approval from a department faculty member for the topic of study.

**PHYS 499 Experimental Offering in Physics .5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

# Political Science

## Dean

Brian Robinson  
(916) 361-6330  
RCC, RCC1-144

## Department Chair

David Reese  
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FLC, Cypress Hall FL2-215

## DEGREE

AA-T — Political Science

### Description

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 the department are designed to introduce students to principle concepts, to stimulate an interest in the connection between theoretical ideas and real world events, and to motivate involvement and participation in the political process. Students are encouraged to think critically and creatively about issues facing them, their communities, their state, and their world.

Faculty in the political science department are widely-traveled and have practical experience in a variety of governmental and political professions. They are focused on providing stimulating instruction in an atmosphere that encourages and emphasizes student participation. Note: All courses require significant writing and research. Completion of ENGWR 101 or eligibility for ENGWR 300 is required for most courses.

The introductory courses also prepare students for further study of political science and government theories and practice at the university level. Most of the courses offered are transferable to accredited universities and fulfill general education requirements for a variety of major and degree programs and certificates.

### 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.



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## DEGREE

### AA-T — Political Science

#### REQUIRED PROGRAM

	<b>Units</b>
POLS 301 Introduction to Government: United States ...	3
<b>A minimum of nine (9) units from the following:</b> .....	<b>9</b>
POLS 302 Introduction to Government: Foreign (3)	
POLS 310 Introduction to International Relations (3)	
POLS 320 Introduction to Political Theory (3)	
STAT 300 Introduction to Probability and Statistics (4)	
<b>A minimum of six (6) units from the following:</b> .....	<b>6</b>
ADMJ 320 Concepts of Criminal Law (3)	
ANTH 310 Cultural Anthropology (3)	
BUS 340 Business Law (3)	
COMM 351 Mass Media and Society (3)	
ECON 302 Principles of Macroeconomics (3)	
ECON 304 Principles of Microeconomics (3)	
GEOG 310 Human Geography: Exploring Earth's Cultural Landscapes (3)	
GERON 300 Sociology of Aging (3)	
PSYC 300 General Principles (3)	
SOC 300 Introductory Sociology (3)	
<b>TOTAL UNITS REQUIRED</b> .....	<b>18</b>

The Associate of Arts in Political Science for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University (CSU). Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Political Science at the institution they wish to transfer to because major and general education requirements may vary for each CSU, and the degree does not guarantee admission to a specific CSU campus.

**This program has the following completion requirements:**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
    - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
    - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district. .
  2. Obtainment of a minimum grade point average of 2.0.
- AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

**Program Student Learning Outcomes**

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

- Describe the fundamentals of political science and governance.
- Compare and contrast contemporary comparative systems and governance.
- Evaluate the relationship between the governing process and public policy.
- Examine how citizen and interest group participation influence political systems.
- Analyze the role of culture and its influence on politics.
- Assess how the design of political institutions and processes affect policy and stability.
- Analyze politics and diplomacy in the international system.
- Apply basic research methods to political science.
- Analyze political and public policy making processes, and relate these to current issues and problems, for evaluating political events and their role in the political system.
- Compare and contrast various theories of justice and the just state.
- Evaluate various theories of the purpose of government and apply to a critical analysis of current political events.

# 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); AA/AS Area V(b); CSU Area D; CSU Area F2; CSU Area F3; IGETC Area 4*

*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. (C-ID POLS 110)

**POLS 302****Introduction to Government: Foreign 3 Units**

*Prerequisite: None*

*Advisory: ENGWR 101*

*General Education: AA/AS Area V(b); CSU Area D; IGETC Area 4*

*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. (C-ID POLS 130)

**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 D; IGETC Area 4**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. (C-ID POLS 140)

**POLS 320****Introduction to Political Theory 3 Units***Prerequisite: None**Advisory: ENGWR 101, or placement through the assessment process.**General Education: AA/AS Area V(b); CSU Area D; IGETC Area 4**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. (C-ID POLS 120)

**POLS 495****Independent Studies in Political Science 1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***POLS 499****Experimental Offering in Political Science .5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Project Management

## Dean

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## Department Chair

C.D. Vickrey  
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## CERTIFICATE OF ACHIEVEMENT

Project Management

### Description

The project management curriculum is highly relevant to the 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 many career fields, such as health care, pharmaceuticals, information technology, manufacturing, construction, and government.

This certificate is 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 Management .....3
PRJMGT 350	Project Risk Management and Project Procurement Management .....3
<b>TOTAL UNITS REQUIRED</b>	<b>18</b>

*For Gainful Employment Info and Opportunities:*  
[www.losrios.edu/gainful-emp-info/gedt.php?major=041944C01](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.
- Initiate, manage and drive change through the application of sound financial and business competence.
- Undertake individual and team research and/or consultancy based projects.
- Describe the nature and functions of project management as well as understand the project life cycle and processes.

- Build a cohesive and productive project team and learn techniques to deal with the practical and emotional issues involved in team building including coordinating efforts across multiple units of the organization.
- Apply and use project management software and techniques to plan, monitor, control, and evaluate a project.

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## 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. This also begins 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.

### 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 class evaluates leadership styles that creates motivating team atmosphere, guide the team through change and conflict while practicing ethical principles during the project. The course also assess the human resource issues around the management of the performance of all individuals involved in ensuring project success. The class analyzes techniques for teams to understand performance expectations, improve team productivity, and communicate how the project aligns with the organization's strategic goals and objectives.



**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: 54-162 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.

**PRJMGT 499**  
**Experimental Offering**  
**in Project Management**      **.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

# Psychology

**Dean**

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**Department Chair**

Sean Fannon  
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FLC, Dogwood Hall FL4-226

**DEGREES**

AA — Psychology  
AA-T — Psychology

**Description**

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**

- |  |                                 |
|--|---------------------------------|
| Administrator                          | Marriage and Family Therapist   |
| Behavior Analyst                       | Neuropsychologist               |
| Childcare Worker                       | Law Enforcement/Corrections     |
| Clinical/Counseling Psychologist       | Personnel Analyst               |
| College Professor                      | Probation Officer               |
| Engineering Psychologist               | Psychiatric Tech/Aide           |
| Health Psychologist                    | Psychometrist                   |
| Human Resources                        | Research Psychologist           |
| Human Services Specialist              | Social Services Counselor       |
| Industrial/Organizational Psychologist | Training/Development Specialist |
| K-12 School/College Counselor          | Youth Supervisor                |
| Marketing Specialist                   |                                 |

*Many career options require more than two years of study.*

**Highlights**

- Exemplary faculty that includes authors and researchers.
- Exceptional preparation for transfer to bachelor's program.
- Psychology courses complement associate degrees and/or certifications in many other fields: administration of justice, anthropology, communication studies, corrections, early childhood education, human services, interdisciplinary studies, marketing/business, health/medicine, consumer affairs, and the military.

**DEGREE**

**AA — Psychology**

<b>REQUIRED PROGRAM</b>		<b>Units</b>
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
<b>A minimum of three (3) units from the following:</b> .....		<b>3</b>
ECE 312, PSYC 340, 356, 360, 368, 370, 372, 495, 499		
<b>TOTAL UNITS REQUIRED</b> .....		<b>19</b>

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.



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## 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
<b>A minimum of three (3) units from the following: .....</b>	<b>3</b>
PSYC 340 Abnormal Behavior (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)	
PSYC 372 Child Development (3)	
or ECE 312 Child Development (3)	
<b>TOTAL UNITS REQUIRED .....</b>	<b>19</b>

The Associate of Arts in Psychology for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Psychology at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

## This program has the following completion requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
    - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
    - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
  2. Obtainment of a minimum grade point average of 2.0.
- AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

## 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 D; IGETC Area 4*

*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. (C-ID PSY 110)

**PSYC 312****Biological Psychology****4 Units***Prerequisite: PSYC 300 with a grade of "C" or better.**General Education: AA/AS Area IV; CSU Area B2; CSU Area B3; CSU Area D; 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. (C-ID PSY 150)

**PSYC 320****Social Psychology****3 Units***Prerequisite: None**General Education: AA/AS Area V(b); CSU Area D; IGETC Area 4**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. (C-ID PSY 170)

**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. (C-ID SOCI 125; Competency: Mathematics)

**PSYC 335****Research Methods in Psychology****3 Units***Prerequisite: PSYC 300 and 330 with grades of "C" or better.**General Education: AA/AS Area II(b); CSU Area D**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. (C-ID PSY 200)

**PSYC 340****Abnormal Behavior****3 Units***Prerequisite: None**General Education: AA/AS Area V(b); CSU Area D; CSU Area E1; IGETC Area 4**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. Students will learn research methodology in psychopathology including descriptive, epidemiological, experimental, and single-subject approaches. (C-ID PSY 120)

**PSYC 356****Human Sexuality****3 Units***Prerequisite: None**General Education: AA/AS Area V(b) ; AA/AS Area III(b); CSU Area D; CSU Area E1; IGETC Area 4**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 historical, biological, psychological and sociocultural perspectives and 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 4**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); CSU Area D; IGETC Area 4**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. This course is not open to those who have not completed SWHS 331.

**PSYC 370****Human Development: A Life Span****3 Units***Prerequisite: None**Advisory: ENGWR 101**General Education: AA/AS Area V(b); AA/AS Area III(b);  
CSU Area D; CSU Area E1; IGETC Area 4**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 D; CSU Area E1; IGETC Area 4**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. (C-ID CDEV 100)

**PSYC 495****Independent Studies in Psychology****1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***PSYC 499****Experimental Offering in Psychology****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Real Estate

**Dean**

Brian Robinson  
(916) 361-6330  
RCC, RCC1-144

**Department Chair**

C.D. Vickrey  
(916) 361-6327  
RCC, RCC1-146

## CERTIFICATE OF RECOGNITION

Real Estate Sales

### Description

Folsom Lake College offers a variety of courses available which satisfy the State of California prerequisites for the Real Estate Salesperson and Real Estate Broker examinations.

### Career Options

- Real Estate Appraiser
- Real Estate Broker
- Real Estate Salesperson
- 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.

Practice, and one additional selection from the following:

- ACCT 301
- Business Law 340
- Introduction to Escrow Procedures
- RE 110 Legal Aspects of Real Estate
- Real Property Management
- Real Estate Appraisal
- Real Estate Economics
- Real Estate Finance

## CERTIFICATE OF RECOGNITION

### Real Estate Sales

REQUIRED PROGRAM	Units
RE 110 Legal Aspects of Real Estate.....	3
RE 120 Real Estate Practice.....	3
RE 300 California Real Estate Principles.....	3
<b>TOTAL UNITS REQUIRED .....</b>	<b>9</b>

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.

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## Real Estate (RE)

### RE 110

#### Legal Aspects of Real Estate

**3 Units**

*Prerequisite: None*

*Hours: 54 hours LEC*

This course introduces California Real Estate law. Topics include: the sources of law and the judicial system; agency; duties and responsibilities of licensees; contracts and their application to real estate; property ownership and management; real estate security devices; property rights, liens and homesteads; and landlord-tenant law, land use controls, and title insurance and escrow. Completion of the course applies toward the California Department of Real Estate education requirements for the broker’s examination.

**RE 120****Real Estate Practice****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 295****Independent Studies in Real Estate****1-3 Units***Prerequisite: None**Hours: 54-162 hours LAB***RE 299****Experimental Offering in Real Estate****.5-4 Units***Prerequisite: None***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: 54-162 hours LAB***RE 499****Experimental Offering in Real Estate****.5-4 Units***Prerequisite: None**Course Transferable to CSU*



# Sign Language Studies

## Dean

BJ Snowden  
(916) 608-6752  
FLC, Harris Center PAC-2262

## Department Chair

Michelle Lennert  
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FLC, Cypress Hall FL2-139

### Description

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. Sign language courses are transferable to UC and CSU. Students who are interested in pursuing the interpreting field would be able to transfer to American River College's Interpreter Preparation Program.

### Career Options

ADA Specialist  
Childcare Worker  
Group Home Worker  
Human Services Worker  
Independent Skills Instructor  
Interpreter  
Linguist  
Mental Counselor  
Rehabilitation Counselor  
Residential Counselor  
Teacher  
Teacher Aide  
Telecommunications Operators  
Video Relay Interpreter

*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: 54-162 hours LAB***SILA 499****Experimental Offering  
in Sign Language Studies****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Social Work/ Human Services

**Dean**  
Brian Robinson  
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**Department Chair**  
Kalinda Jones  
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FLC, Harris Center PAC-2330

## DEGREES

AA — Social Work/Human Services, General

## CERTIFICATE OF ACHIEVEMENT

Social Work/Human Services, General

## CERTIFICATE OF RECOGNITION

Social Work/Human Services, Home Caregiver

### Description

The Folsom Lake College social work/human services curriculum prepares students for employment as an associate professional and also prepares students for transfer to four-year colleges and universities to continue their studies in psychology and social work. Courses in the social work/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 bachelor's 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 social work/human services, it is critical that you meet with a counselor to select and plan the courses for your major as transfer institutions vary widely in the courses required for undergraduate preparation.

### Career Options

Conflict Containment Workers  
Consumer Consultant  
Drug and Alcoholism Program Worker  
Family, Welfare, and Health Agencies Worker  
Mental Health Department Placement/Intake Worker  
Ombudsman Program Worker  
Peer Support Group Facilitator  
Probation Department Placement/Intake Worker  
Welfare Department Placement/Eligibility Worker  
Youth Group Home Worker

## Highlights

- Individual and group counseling practice.
- Tours of human services agencies.
- Interviews with potential employers.
- Employment training, including resume development and interview practice.

## DEGREE

### AA — Social Work/Human Services, General

REQUIRED PROGRAM		Units
PSYC 300	General Principles .....	3
SWHS 300	Introduction to Human Services .....	3
SWHS 302	Introduction to Psychology of Human Relations.....	3
SWHS 331	Cross Cultural Psychology (3).....	3
or PSYC 368 Cross Cultural Psychology (3)		
SWHS 350	Employment Skills in Human Services .....	3
SWHS 360	Techniques of Interviewing and Counseling ...	3
SWHS 365	Techniques of Group Counseling (3) .....	3
SWHS 366	Practices in Human Services .....	3
SWHS 367	Advanced Practices in Human Services .....	3
<b>A minimum of six (6) units from the following:</b> .....		6
GERON 300	Sociology of Aging (3)	
PSYC 320	Social Psychology (3)	
SOC 300	Introductory Sociology (3)	
SOC 321	Race, Ethnicity and Inequality in the United States (3)	
SWHS 304	Introduction to Counseling Children (3)	
SWHS 340	Introduction to Chemical Dependency (3)	
SWHS 494	Topics in Human Services (0.5-4)	
<b>TOTAL UNITS REQUIRED</b> .....		<b>33</b>

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 Social Work/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.

## CERTIFICATE OF ACHIEVEMENT

### Social Work/Human Services, General

<u>REQUIRED PROGRAM</u>	<u>Units</u>
PSYC 300 General Principles .....	3
SWHS 300 Introduction to Human Services .....	3
SWHS 302 Introduction to Psychology of Human Relations.....	3
SWHS 331 Cross Cultural Psychology (3) or PSYC 368 Cross Cultural Psychology (3) .....	3
SWHS 350 Employment Skills in Human Services .....	3
SWHS 360 Techniques of Interviewing and Counseling.....	3
SWHS 365 Techniques of Group Counseling .....	4
SWHS 366 Practices in Human Services .....	3
SWHS 367 Advanced Practices in Human Services .....	3
<b>A minimum of six (6) units from the following:</b> .....	<b>6</b>
GERON 300 Sociology of Aging (3)	
PSYC 320 Social Psychology (3)	
SOC 300 Introductory Sociology (3)	
SOC 321 Race, Ethnicity and Inequality in the U.S. (3)	
SWHS 304 Introduction to Counseling Children (3)	
SWHS 340 Introduction to Chemical Dependency (3)	
SWHS 494 Topics in Human Services (0.5-4)	
<b>TOTAL UNITS REQUIRED</b> .....	<b>33</b>

*For Gainful Employment Info and Opportunities:*

[www.losrios.edu/gainful-emp-info/gedt.](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041152C01)

[php?major=041152C01](http://www.losrios.edu/gainful-emp-info/gedt.php?major=041152C01)

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

## 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.
- Demonstrate effective individual and group setting interpersonal and social skills in interactions with a demographically diverse population.

**CERTIFICATE OF RECOGNITION****Social Work/Human Services,  
Home Caregiver**

<b>REQUIRED PROGRAM</b>	<b>Units</b>
GERON 300 Sociology of Aging .....	3
<b>A minimum of three (3) units from the following: .....</b>	<b>3</b>
GERON 498 Work Experience in Gerontology (1-4)	
SWHS 302 Introduction to Psychology of Human Relations (3)	
SWHS 350 Employment Skills in Human Services (3)	
<b>TOTAL UNITS REQUIRED .....</b>	<b>12</b>

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

**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.

**Social Work/  
Human Services (SWHS)****SWHS 300  
Introduction to Human Services 3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54 hours LEC*

This course provides an overview of social service agencies, social work, and human services. Students will understand the historical and current delivery of social services by exploring problems of living such as poverty, substance abuse, and mental health. Emphasis is on the knowledge and tasks used by skilled, ethical, and culturally responsive social service workers. Students will have the opportunity to visit a social service agency and create a career plan or an internship program proposal. This course is not open to students who have completed HSER 300.

**SWHS 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 introduces the skills of communicating and relating to others by improving attitudes, values, and methods that enhance communication skills in human relations. This course will improve the students' interpersonal self-awareness skills and assertiveness techniques. This course is open to all students and is a required course for the Human Services/Gerontology degree and certificate program. This course is not open to students who have completed HSER 302.

**SWHS 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 caregiver 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. This course is not open to students who have completed HSER 304.

**SWHS 331****Cross Cultural Psychology****3 Units***Same As: PSYC 368**Prerequisite: None**Advisory: PSYC 300**General Education: AA/AS Area V(b); AA/AS Area III(b); CSU Area D; CSU Area E1; IGETC Area 4**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. This course is not open to those who have completed PSYC 368 or HSER 331.

**SWHS 340****Introduction to Chemical Dependency****3 Units***Prerequisite: None**General Education: AA/AS Area III(b); CSU Area E1**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. This course is not open to students who have completed HSER 340.

**SWHS 350****Employment Skills in Human Services****3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54 hours LEC*

This course introduces students to the legal and ethical issues of interviewing and counseling individuals, families, and groups. Course topics include family system dynamics, family and drug intervention, crisis intervention, 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. This course is not open to students who have completed HSER 350.

**SWHS 360****Techniques of Interviewing and Counseling****3 Units***Prerequisite: SWHS 302 with a grade of "C" or better.**Course Transferable to CSU**Hours: 54 hours LEC*

This course introduces students to effective counseling and interviewing techniques as applied to associate para professional experiences as counselors, group counselor aides, mental health workers, social service technicians and other new careers in human services. This is a required course for the Human Services/Gerontology degree and certificate. This course is not open to students who have completed HSER 360.

**SWHS 365****Techniques of Group Counseling****3 Units***Prerequisite: SWHS 360 with a grade of "C" or better.**Course Transferable to CSU**Hours: 54 hours LEC*

This course introduces the basic elements and techniques of group counseling. Through class discussions, in-class practice, and role plays students will learn the knowledge and skills needed for effective group facilitation. The course emphasizes different types of groups, stages of group process, and techniques for counseling specific populations including individuals with substance use disorders and those from diverse backgrounds. This course is not open to students who have completed HSER 365.

**SWHS 366****Practices in Human Services****3 Units**

*Prerequisite: SWHS 300 and 350 with grades of "C" or better.*

*Course Transferable to CSU*

*Hours: 18 hours LEC; 108 hours LAB*

This course provides students with a supervised internship in a community organization, agency, or institution that provides social services. Through weekly class meetings, students review knowledge and skills learned in previous social work/human services courses. This course focuses on developing skills for future work as a human services professional. Students must provide their own transportation to internships. This course is not open to students who have completed HSER 366.

**SWHS 367****Advanced Practices in Human Services****3 Units**

*Prerequisite: SWHS 366 with a grade of "C" or better.*

*Course Transferable to CSU*

*Hours: 18 hours LEC; 108 hours LAB*

This advanced practicum 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 integrate concepts, values, and skills acquired from previous courses and apply their knowledge to the process of helping others via internships. Field trips are required and students provide their own transportation. This course is not open to students who have previously taken HSER 499: Experimental Offering in Human Services (Advanced Practices in Human Services). This course is not open to students who have completed HSER 367.

**SWHS 494****Topics in Human Services****.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 18 hours LEC; 108 hours LAB*

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. This course is not open to students who have completed HSER 494.

**SWHS 495****Independent Studies in Human Services****1-3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54-162 hours LAB*

**SWHS 498****Work Experience in Human Services****1-4 Units**

*Prerequisite: None*

*Advisory: ENGWR 101 or ESLW 320*

*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 the field of Social Work/Human Services. Course content will include understanding the application of education to the workforce completing required forms which document the student's progress and hours spent at the work site and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**SWHS 499****Experimental Offering in Social Work/Human Service****.5-4 Units**

*Prerequisite: None*

# Sociology

**Dean**

Brian Robinson  
(916) 361-6330  
RCC, RCC1-144

**Department Chair**

Diane Carlson  
(916) 608-6803  
FLC, Dogwood Hall FL4-227

**DEGREE**

AA-T – Sociology

**Description**

Sociology examines the social and cultural bases that impact human behavior, interaction, and life changes. Courses in sociology enable students to see their own contexts, their connections to social structures and natural environments, and provide important tools for thinking critically about our world. 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 also involved 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**

- Innovative teaching and courses, including SOC 379, Making Social Change.
- Faculty with strong academic backgrounds and applied sociological work experience in local and international communities.

List A

- SOC 310 Marriage and the Family (3)
- SOC 321 Race, Ethnicity and Inequality in the United States (3)
- PSYC 320 Social Psychology (3)

List B

- ANTH 310 Cultural Anthropology (3)
- GEOG 310 Human Geography: Exploring Earth’s Cultural Landscapes (3)
- HIST 344 Survey of California History: A Multicultural Perspective (3)
- PSYC 300 General Principles (3)
- PSYC 335 Research Methods in Psychology (3)
- SOC 379 Making Social Change (3)

**TOTAL UNITS REQUIRED ..... 18-19**

The Associate of Arts in Sociology for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Sociology at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

**This program has the following completion requirements:**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
    - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
    - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
  2. Obtainment of a minimum grade point average of 2.0.
- AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.



Associate Degree  
for Transfer  
*A Degree with a Guarantee.™*

**DEGREE**

**AA-T – Sociology**

**REQUIRED PROGRAM**

**Units**

SOC 300	Introductory Sociology .....	3
SOC 301	Social Problems .....	3
PSYC 330	Introductory Statistics for the Behavioral Sciences (3)	
or STAT 300	Introduction to Probability and Statistics (4) .....	3-4

**A minimum of nine (9) units from the following: .....9**

*Choose two courses from list A and one additional course from either list.*



## Program Student Learning Outcomes

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

- Compare and contrast the major theoretical perspectives in sociology.
- Integrate sociological principles and concepts in analyses of social life, social structures, and socio-economic, political, and cultural institutions.
- Critically evaluate data, draw reasonable conclusions, and apply these conclusions to personal, community, and societal-level problems.
- Evaluate the role of theory and social research methods in sociology.
- Assess the history and significance of social change and activism.
- Analyze, interpret, and critically consider sociological and interdisciplinary perspectives relating to social inequalities such as racism, economic inequality, gender inequality, homophobia, and other areas of social identity.

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# Sociology (SOC)

## SOC 300

### Introductory Sociology

**3 Units**

*Prerequisite: None*

*General Education: AA/AS Area V(b); CSU Area D; IGETC Area 4*

*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 D; IGETC Area 4*

*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 V(b); AA/AS Area III(b); CSU Area D; CSU Area E1; IGETC Area 4*

*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: None**Advisory: ENGWR 101 with a grade of "C" or better.**General Education: AA/AS Area V(b); AA/AS Area VI;**CSU Area D; IGETC Area 4**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 contexts of major racialized and ethnic groups in the U.S. and how these contexts impact current conditions and experiences. (C-ID SOCI 150)

**SOC 341****Sex and Gender in the U.S.****3 Units***Prerequisite: None**General Education: AA/AS Area V(b)**Course Transferable to CSU**Hours: 54 hours LEC*

This course introduces gender issues from a sociological perspective and examines how gender is constructed and embodied in the U.S. It examines historical, social, economic, political, and cultural forces in shaping gender identity and gender roles. The course also emphasizes the intersections of gender with other identities including those relating to race, ethnicity, sexuality, income and wealth, etc. Specifically, the course examines the experience of people of diverse economic, racial, and ethnic origins within a historical and cross-cultural perspective. Finally, this course explores the role that social movements and organizations play in working for gender equality.

**SOC 379****Making Social Change****3 Units***Prerequisite: None**General Education: AA/AS Area V(b); CSU Area D**Course Transferable to UC/CSU**Hours: 54 hours LEC*

Empowerment through the development of technological skills and access to tools is and will continue to be a significant issue in social justice work and social change. In this interdisciplinary course, students will explore social change through historical and contemporary movements, organizations, and groups and the ways those entities use, create, modify, and improve tools and technologies to support and drive change. Students will research and analyze the contexts and tactics of these movements and synthesize their discoveries with hands-on experience using tools and technologies of the maker movement to develop projects designed to address social, environmental, and economic needs.

**SOC 495****Independent Studies in Sociology****1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***SOC 499****Experimental Offering in Sociology****.5-4 Units***Prerequisite: None**Course Transferable to CSU*

# Spanish

## Dean

BJ Snowden  
(916) 608-6752  
FLC, Harris Center PAC-2262

## Department Chair

Elvia Macías-Pérez  
(916) 608-6544  
FLC, Cypress Hall FL2-227

### Description

Folsom Lake College offers the fundamental communication courses for proficiency in Spanish. Students will be able to understand the spoken language and to speak, read, and write at 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  
Law Enforcement/Correctional Officer  
Overseas Employment: Business & Commerce  
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 Spanish should enroll in the SPAN 411 level course (or above).

## 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 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. (C-ID SPAN 100)

**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. (C-ID SPAN 110)

**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. (C-ID SPAN 200)

**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. (C-ID SPAN 210)

**SPAN 495****Independent Studies in Spanish****1-3 Units**

*Prerequisite: None*

*Course Transferable to CSU*

*Hours: 54-162 hours LAB*

**SPAN 499****Experimental Offering in Spanish****.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

# Student Government

## Dean

Davin Brown  
(916) 608-6786  
FLC, Aspen Hall FL1-43

## Student Life Supervisor

Genevieve Siwabessy  
(916) 608-6603  
FLC, Falcon's Roost FR-114

### Description

These courses are designed for students interested in developing their leadership skills and participating in planning and organizing college activities. They are open to all students. Student government is a pathway to participating in the Associated Students of Folsom Lake College (ASFLC) organization representing the student body. Students who enroll in SGVT 300 are voting members of either ASFLC Student Senate or Club and Events Board (CAEB). They will also have the opportunity to serve on a variety of college committees and attend leadership conferences.

### Highlights

- Develop leadership skills by working with student activities, clubs, and the ASFLC.
- Represent the student voice to the college 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: 54-162 hours LAB*

### SGVT 499

#### Experimental Offering in Student Government **.5-4 Units**

*Prerequisite: None*

*Course Transferable to CSU*

# Theatre Arts

## Dean

BJ Snowden  
(916) 608-6752  
FLC, Harris Center PAC-2262

## Department Chair

Ian Wallace  
(916) 608-6933  
FLC, Harris Center PAC-1152

## DEGREE

AA-T – Theatre Arts

## CERTIFICATE OF ACHIEVEMENT

Theatre Arts: Technical

### Description

The theatre arts program provides a broad foundation in various aspects of theatre including history, diversity, and production. Students have the opportunity to learn the basics of acting, theatre design and technology, and an overview of the historical and social context of theatre. Additionally, this program exposes students to core principles and practices in the field. Students gain real world experience in an on-campus performing arts facility, the Harris Center for the Arts.

### Career Options

Acting & Directing  
Design for Theatre  
Theatre Technician  
Stage Management  
Publicity & Public Relations  
Theatre Education

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

### Highlights

- Distinguished faculty recognized for their professional experience in acting, directing, and design, as well as considerable teaching experience at the undergraduate level.
- The Harris Center for the Arts serves as a setting for FLC's visual and performing arts instruction, as well as a venue for world-class arts, culture, and entertainment events.
- Opportunity for students to work alongside professionals in the industry.
- Designed to provide students with necessary technical skills and hands-on experience in the field.
- Opportunity for students to gain access to four-year college and university theatre programs, as well as internships in major regional theatres.



Associate Degree  
for Transfer  
*A Degree with a Guarantee.™*

## DEGREE

### AA-T – Theatre Arts

#### REQUIRED PROGRAM

Units

TA 300 Introduction to the Theatre (3)  
or TA 302 History and Theory of the Theatre I (3) .....3  
TA 340 Beginning Acting (3)

or TA 350 Theory and Techniques of Acting I (3)<sup>1</sup> .....3

**A minimum of twelve (12) units from the following: .....12**

*Note: Students must take 3 units of Theater Performance or 3 units of Technical Theater. The remaining 9 units come from the other two categories within the maximums defined.<sup>2</sup>*

**Theater Performance** (Maximum of 3 units):

TAP 300, 301, 302, 303, 320, 321, 322, 323, 340, 341,  
342, 343, 360, 361, 362, 363, 380, 381, 382, 383

**Technical Theater** (Maximum of 3 units):

TAP 310, 311, 312, 313, 330, 331, 332, 333, 350, 351, 352,  
353, 370, 371, 372, 373, 390, 391, 392, 393

**General Electives** (Maximum of 9 units):

TA 350<sup>1</sup>, 351, 420, 422, 424, 430

**TOTAL UNITS REQUIRED .....18**

<sup>1</sup> TA 350 cannot be used towards the General Electives if it is used in the core.

<sup>2</sup> Up to 3 units of TAP not used above can be used in the General Electives area.

The Associate of Arts in Theatre Arts for Transfer Degree program provides students with a major that fulfills the general requirements for transfer to the California State University. Students with this degree will receive priority admission with junior status to the California State University system. Students should work closely with their Folsom Lake College counselor to ensure that they are taking the appropriate coursework to prepare for majoring in Theatre Arts at the institution they wish to transfer to because major and general education requirements may vary for each CSU and the degree may only transfer to specific institutions.

**This program has the following completion requirements:**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – BreAD-Th Requirements.
  - B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

AD-Ts also require that students must earn a C or better in all courses required for the major or area of emphasis.

**Program Student Learning Outcomes**

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

- Evaluate the historical, artistic, social, and philosophical environments in which theatre exists.
- Critique dramatic literature, production, and performance.
- Employ performance, design, technical, and/or artisanal skills in community, educational, and/or professional theatres.

**CERTIFICATE OF ACHIEVEMENT****Theatre Arts: Technical**

<u>REQUIRED PROGRAM</u>	<u>Units</u>
TA 420 Stagecraft.....	3
TA 422 Stage Lighting.....	3
TA 424 Advanced Technical Theatre .....	3
TA 426 Stagehand Practices .....	3
TA 427 Stagehand Pre-Apprenticeship.....	2
<b>A minimum of six (6) units from the following:</b> .....	<b>6</b>
TAP 310, 311, 312, 313, 330, 331, 332, 333, 350, 351, 352, 353, 370, 371, 372, 373, 390, 391, 392, 393	
<b>TOTAL UNITS REQUIRED</b> .....	<b>20</b>

For Gainful Employment Info and Opportunities:  
<http://www.losrios.edu/gainful-emp-info/gedt.php?major=041242C01>

The program in technical theatre prepares students for an entry-level career in technical theatre arts. Career options include roadhouse stagehand, rigger, audio engineer, scene shop technician, scenic artist, property artisan, electrician, costume technician, or stage manager.

**Program Student Learning Outcomes**

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

- Demonstrate proficiency in technical production skills.
- Analyze the role of technical elements in the production process.
- Analyze production requirements and develop practical and artistic solutions.
- Analyze and apply information from scenic, lighting and/or costuming plans.
- Identify and evaluate tools, materials and processes used in technical theatre areas.

**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 theatre arts 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. Field trips might be required. (C-ID THTR 111)

**TA 302****History and Theory of the Theatre I****3 Units**

*Prerequisite: None*

*Advisory: ENGWR 300 and TA 300*

*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 19th Century. The history and evolution of theatre is studied in relationship to the socio-political and cultural conditions of the time. Plays will be read that exemplify major trends and prominent artists. A field trip to attend a live performance may be required. (C-ID THTR 113)

**TA 303****History and Theory of the Theatre II****3 Units***Prerequisite: None**Advisory: ENGRD 110, ENGWR 300, and TA 300**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 study of the theatre and drama from the 17th century to the present, with emphasis on the historical and cultural environment of the theatre. Plays will be read focusing on their relevance to history and their lasting impact upon contemporary audiences.

**TA 304****Women in 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 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;**IGETC Area 3A**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;**IGETC Area 3A**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 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: ENGWR 101 with a grade of "C" or better; or placement into ENGWR 300 via the assessment process.*

*Advisory: TA 300 or 310*

*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. Students will practice basic acting theory through scene study. Included is a classroom investigation of performance through the use of theatre games, movement, voice, sensory awareness, and improvisation. The course is designed for students new to acting wishing to explore self-expression through performance, and for those more experienced students wishing to begin the degree sequence. (C-ID THTR 151)

**TA 350****Theory and Techniques of Acting I****3 Units**

*Prerequisite: TA 340 with a grade of "C" or better; or Instructor Consent prior to registration.*

*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 151; 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: 36 hours LEC; 54 hours LAB*

This course explores more challenging concepts in scene study and the creation of a character for a modern play than those studied in TA 350. Students stage and perform memorized scenes and monologues from modern plays in class. (C-ID THTR 152)

**TA 356****Acting for the Camera I****3 Units**

*Prerequisite: TA 340 or 350 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: ENGWR 101 with a grade of "C" or better; or eligibility for ENGWR 300 via the assessment process.*

*Advisory: TA 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. (C-ID THTR 171)

**TA 422****Stage Lighting****3 Units***Prerequisite: None**Advisory: TA 300 and 420; 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 for the stage, motion pictures, and television. Topics include the basic elements of lamps and fixtures, electricity, dimmers and control consoles. It also covers the design elements of color, distribution, and space to produce a lighting design. Practical lighting skills are gained from work on department productions. Stage lighting work often requires moving semi-heavy objects, tools, and ladders, and carrying lighting equipment up to a height. (C-ID THTR 173)

**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. (C-ID THTR 171)

**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 495****Independent Studies in Theatre Arts****1-3 Units***Prerequisite: None**Course Transferable to CSU**Hours: 54-162 hours LAB***TA 498****Work Experience in Theatre Arts****1-4 Units***Prerequisite: None**Advisory: ENGWR 101 or ESLW 320**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 the field of Theatre Arts. Course content will include understanding the application of education to the workforce completing required forms which document the student's progress and hours spent at the work site and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.

**TA 499****Experimental Offering in Theatre Arts****.5-4 Units***Prerequisite: None**Course Transferable to CSU*


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# 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. (C-ID THTR 191)

**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. (C-ID THTR 191)

**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. (C-ID THTR 191)

**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. (C-ID THTR 191)

**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. (C-ID THTR 192)

**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. (C-ID THTR 192)

**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. (C-ID THTR 192)

**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. (C-ID THTR 192)

**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. (C-ID THTR 191)

**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. (C-ID THTR 191)

**TAP 322****Classical Rehearsal and Performance III 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 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. (C-ID THTR 191)

**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. (C-ID THTR 191)

**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. (C-ID THTR 192)

**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. (C-ID THTR 192)

**TAP 332**  
**Classical Technical Production III** **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 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. (C-ID THTR 192)

**TAP 333**  
**Classical Technical Production IV** **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 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. (C-ID THTR 192)

**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. (C-ID THTR 191)

**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. (C-ID THTR 191)

**TAP 342**  
**Musical Rehearsal and Performance III**      **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 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. (C-ID THTR 191)

**TAP 343**  
**Musical Rehearsal and Performance IV**      **1-3 Units**

**Course Family: Musical Performance  
 and Technical Production**

*Prerequisite: TAP 342 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: 162 hours LAB*

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. (C-ID THTR 191)

**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. (C-ID THTR 192)

**TAP 351**  
**Musical Technical Production II** **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 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. (C-ID THTR 192)

**TAP 352**  
**Musical Technical Production III** **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 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. (C-ID THTR 192)

**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. (C-ID THTR 192)

**TAP 360**  
**Children's Theatre Rehearsal  
 and Performance I** **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 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. (C-ID THTR 191)



**TAP 361****Children's Theatre Rehearsal and Performance 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. (C-ID THTR 191)

**TAP 362****Children's Theatre Rehearsal and Performance III 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 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. (C-ID THTR 191)

**TAP 363****Children's Theatre Rehearsal and Performance IV 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 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. (C-ID THTR 191)

**TAP 370****Children's Theatre Technical Production I 1-3 Units****Course Family: Children's Theatre 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 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. (C-ID THTR 192)

**TAP 371****Children's Theatre Technical Production II 1-3 Units****Course Family: Children's Theatre 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 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. (C-ID THTR 192)

**TAP 372****Children's Theatre Technical  
Production III****1-3 Units****Course Family: Children's Theatre 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 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. (C-ID THTR 192)

**TAP 373****Children's Theatre Technical Production IV** **1-3 Units**  
**Course Family: Children's Theatre 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 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. (C-ID THTR 192)

**TAP 380****Repertory/Touring Rehearsal  
and Performance I****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 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. (C-ID THTR 191)

**TAP 381****Repertory/Touring Rehearsal  
and Performance II****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 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. (C-ID THTR 191)

**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. (C-ID THTR 191)

**TAP 383****Repertory/Touring Rehearsal  
and Performance IV****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 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. (C-ID THTR 191)

**TAP 390****Repertory  
and Touring Technical Production I****1-3 Units****Course Family: Repertory/Touring 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 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. (C-ID THTR 192)

**TAP 391****Repertory  
and Touring Technical Production II****1-3 Units****Course Family: Repertory/Touring 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 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. (C-ID THTR 192)

**TAP 392**  
**Repertory**  
**and Touring Technical Production III**      **1-3 Units**  
**Course Family: Repertory/Touring 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 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. (C-ID THTR 192)

**TAP 393**  
**Repertory**  
**and Touring Technical Production IV**      **1-3 Units**  
**Course Family: Repertory/Touring 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 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. (C-ID THTR 192)

# Viticulture

## Dean

Greg McCormac  
(916) 608-6615  
FLC, Dogwood Hall FL4-126

## Department Chair

Max Mahoney  
(916) 608-6917  
FLC, Cypress Hall FL2-124

## 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 from Bud Break to Harvest

**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, from bud-break to harvest. The course will focus on canopy management and wine grape harvest. Canopy management topics will include trellising, suckering, crop estimation, leaf and cluster thinning, petiole analysis, fertilizer application, pest control, and irrigation practices. Wine grape harvest will include quality control measures including measuring Brix, pH and total acidity of grapes samples. This course is a continuation of VITI 300, Viticulture and Enology. Field trips may be required.

### VITI 302

#### Viticulture and Enology

#### Machinery Operations and Safety

**2 Units**

*Prerequisite: None*

*Enrollment Limitation: Students must possess a valid California driver license to operate pickup trucks, tractors and forklifts.*

*Course Transferable to CSU*

*Hours: 18 hours LEC; 54 hours LAB*

This course is designed to introduce viticulture and enology students to the use and safe operation of machinery used in the viticulture and enology industry. In addition to basic safe operating parameters, students will learn about the economics of equipment commonly used in vineyards and wineries, routine maintenance practices and appropriate applications for machinery use. Hands-on experience and vineyard/winery visits will be major components of this course. Students must possess a valid driver's license to be eligible for this class. Field trip(s) will be required.

### VITI 303

#### Viticulture Practices from Harvest through Dormancy

**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 and enology practices from post-harvest in the fall to bud break in the spring. The course will cover winter pre-pruning, pruning relative to bud break, vineyard management during dormancy, grapevine diseases and post-harvest practices for irrigation, fertilization, erosion control, cover crops and vineyard winterization. Planting of vines as well as grafting of new varieties to an existing rootstock will be covered. Field trips may be required.

**VITI 304****Wine Component Tasting,  
Hospitality and Service, and Food Pairing 3 Units***Prerequisite: None**Enrollment Limitation: Students must be 21 years of age or older.**Course Transferable to CSU**Hours: 54 hours LEC*

This course covers organoleptic wine evaluation, how to pair foods to wine, and wine service hospitality. The course covers organoleptic tasting techniques of wine including varietal characteristics, wine styles, and identification of wine flaws. The course is designed for wine industry personnel and wine enthusiasts. A materials fee of \$50.00 is required and payable upon registration.

**VITI 305****Wines of the World 1.5 Units***Prerequisite: None**Enrollment Limitation: Students must be 21 years of age or older.**Course Transferable to CSU**Hours: 27 hours LEC*

The course examines some of the most popular wine varietals of the world compared and contrasted to their California counterparts. Each week we will examine a different grape or related group of grapes and their expression in wine, e.g., California Cabernet Sauvignon, to a similar Chilean varietal, or French Bordeaux. A materials fee of \$75 is required and payable upon registration. A field trip may be required.

**VITI 306****Wines of California 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 examines some of the wine varietals grown and produced in California. Each week the course will examine a different grape or related group of grapes and their expression in different regions or appellations of California. A materials fee of \$50.00 is required and payable upon registration. Field trips may be required.

**VITI 307****Wines of the Sierra Foothills 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 introduces some of the wine varietals grown and produced in California's Sierra Foothills appellation. Each week the course will examine the expression in wine of different varietals of grape, related group of grapes, or a particular vintners varietals of wines produced in the Sierra Foothills. A materials fee of \$50.00 is required and payable upon registration. Field trips may be required.

**VITI 308****Fruit to Wine - Enology 3 Units***Prerequisite: None**Enrollment Limitation: Must be 21 years of age.**Course Transferable to UC/CSU**Hours: 36 hours LEC; 54 hours LAB*

This course is an introduction to the science of wine production from grapes and other fruits to the bottle. Topics covered include the history of wine production; grape varieties and wine types; influence of climate and soil; wine fermentation including assessment of wine qualities, handling, racking, aging, bottling, wine disorders and remedies; and legal compliance. The production of fruit wines may also be covered. Some labs involve local field trips. A lab fee will be assessed to cover the costs of grapes and bottling. Students will have the opportunity to take wine home with them made during the semester.

**VITI 499****Experimental Offering in Viticulture .5-4 Units***Prerequisite: None*

# Work Experience

## Dean

Vicky Maryatt  
(916) 608-6925  
FLC, Cypress Hall FL2-149

## Department Chair

Julie Collier  
(916) 608-6552  
FLC, Cypress Hall FL2-133

### Description

Work experience is a unique, experiential academic program that allows individuals to apply what they've learned in the classroom to a work environment. Upon completion of their work experience, students may earn 1-4 units of transferable credit with a letter grade. This program serves: college interns, volunteers, and employees. It also meets one of the several living skills graduation requirement for an associate degree.

### 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 choices, 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

The program also assists employed students who are interested in advancing within their existing work environment. Through this program 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.

## Cooperative Work Experience

Cooperative Work Experience (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 (498):

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 Work Experience and Internship office at (916) 608-6552. Students must have a cooperating employer by the end of the second week of the full semester or by the end of the first week of an 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 every 75 hours of paid work experience or for every 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 (for example, a teacher's aid should enroll in ECE 498 and a sales clerk should enroll in BUS 498).

Interested students may earn college credit in the following majors:

- Accounting
- Administration of Justice
- Anthropology
- Biology
- Business
- Business Technology
- Chemistry

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

Cooperative Work Experience has two ways to qualify for the program:

#### New (First-Time) Students

- You have completed a semester work experience course with a C grade or better.
- You are working a paid or non-paid job or internship.
- You must attend the class that meets each week. This class will cover workforce and career transition issues.
- Your grade and units are earned based on your performance in the workplace (developing new skills) and classroom assignments.

#### Returning Students

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

#### General Work Experience (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 student's current job per semester. No more than six (6) units may be earned in the program. One (1) unit of credit may be earned for every 75 hours of paid work experience or for every 60 hours of unpaid experience. Students must have a cooperative employer by the end of the second week of the semester to remain in the program.

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



# Work Experience (WEXP)

## WEXP 198

### Work Experience - General

**1-3 Units**

*Prerequisite: None*

*Advisory: ENGWR 101 and ESLW 320*

*General Education: AA/AS Area III(b)*

*Enrollment Limitation: Students must be in a paid or unpaid internship, volunteer position or job.*

*Hours: 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 semester, the student is required to attend a weekly orientation. Additionally, students must complete 75 hours of paid work experience, or 60 hours of unpaid work experience, for one unit. An additional 75 hours of paid work experience or 60 hours of unpaid work experience is required for each additional unit. The course may be taken two times for credit, when there is new or expanded learning on the job, for a maximum of 6 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an e-mail account. First time students are required to attend a weekly orientation and a final meeting. Returning participants are required to attend the first class meeting, a mid-semester meeting and a final meeting and may meet individually with the instructor as needed. Students may take up to 16 units total across all Work Experience course offerings. Only one Work Experience course may be taken per semester.

## WEXP 498

### Work Experience in (Subject)

**1-4 Units**

*Prerequisite: None*

*Advisory: ENGWR 101 or ESLW 320*

*General Education: AA/AS Area III(b)*

*Enrollment Limitation: Student must be in a paid or unpaid 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 in their major field of study or advancement within their career. Course content will include understanding the application of education to the workforce completing required forms which document the student's progress and hours spent at the work site and developing workplace skills and competencies. During the semester, the student is required to attend orientation. Students must complete 75 hours of related paid work experience, or 60 hours of related unpaid work experience, for one unit. An additional 75 hours of related paid work experience or 60 hours of related unpaid work experience is required for each additional unit. The course may be taken for a maximum of 16 units. Students should have access to a computer, the Internet, and some computer media such as a USB drive to store data files. Online students must have an email account. Only one Work Experience course may be taken per semester.





FOLSOM LAKE COLLEGE  
EL DORADO CENTER | RANCHO CORDOVA CENTER



# FACULTY, STAFF, AND ADMINISTRATION



# College Administration

## President

### Whitney Yamamura

*President*  
(916) 608-6570  
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## Vice Presidents

### Kathleen Kirklin

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## Deans

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## Supervisors, Managers, and Directors

### Adrienne Andrews

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Harris Center for the Arts*  
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# Faculty and Administration

*NOTE: Year in parentheses refers to date of full-time hiring with 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

**Accooe, Reynando (2015)**

*Assistant Professor, Administration of Justice,  
Public Safety Education Department Coordinator*  
BA, San Francisco State University

**Aldrich, Christina (2008)**

*Professor, Psychology*  
AA, Fresno City College; BA, CSU Fresno;  
MA, PhD, Claremont Graduate University

**Alexander, John E. (1997)**

*Dean of Instruction, El Dorado Center*  
BA, The Ohio State University; MA, CSU Sacramento

**Al Juboori, Suha (2016)**

*Assistant Professor, Computer Information Science*  
BS, MS, PhD, University of Al-Nahrain, Iraq

**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, CSU Sacramento

**Beck, Danielle (2008)**

*Assistant Professor, Psychology*  
BA, Pacific Lutheran University;  
PhD, University of Washington

**Bjerke, Ann Lynn (2006)**

*Professor, English as a Second Language*  
BA, CSU Sacramento; MA, UC Davis;  
MA, CSU Sacramento

**Boylan, KC (1994)**

*Professor, Communication Studies*  
AA, American River College;  
BA, CSU Sacramento; MA, CSU Chico

**Bradshaw, Jill (2014)**

*Assistant Professor, Human Services/  
Faculty Research Coordinator*  
BA, Brigham Young University;  
MSW, University of Washington;  
PhD, University of Connecticut

**Brinkley, Amy (2015)**

*Public Services Librarian, Assistant Professor*  
BA, CSU Sacramento; MLIS, San Jose State

**Brown, Davin (2017)**

*Dean of Student Success*  
BA, Cal Poly; MA, CSU San Bernardino;  
EdD, Drexel University

**Brown, Krisi (2015)**

*Assistant Professor, English*  
BA, MA, CSU Sacramento

**Burrage, Lisa (2010)**

*Ticket Office Supervisor, Harris Center for the Arts*  
BA, Berry College

**Callaway, Ronda (2008)**

*Counseling Supervisor*  
BS, CSU Fresno

**Carlson, Diane (2009)**

*Professor, Sociology*  
BA, JD, University of Arizona;  
MA, UC Davis; EdD, CSU Sacramento

**Chiang-Yamada, Michelle (2001)**

*Professor, Mathematics*  
BA, UC Berkeley; MAT, UC Davis

**Chochezi, Victoire (2017)**

*Assistant Professor, Communication Studies*  
BA, Delaware State University;  
MA, CSU Sacramento;  
EdD, Drexel University

**Clark, Christopher S. (2005)**

*Counselor, Transfer Services,  
Professor, Human/Career Development*  
AA, West Valley College;  
BA, MS, San Francisco State

**Clayton, Keith (2015)***Assistant Professor, Mathematics*

MS, University of Nevada, Reno; BA, UC Berkeley

**Collier, Julie (2012)***Work Experience Coordinator*

BIS, Weber State University; MS, CSU Sacramento

**Considine, Daniel (2014)***Assistant Professor, Philosophy*

BA, UC Berkeley; MA, CSU Long Beach;

PhD, University of Southern California

**Cook, Libby (2016)***EOPS/CARE Coordinator*

BA, MS, CSU Sacramento

**Coquerille, Sam (2010)***Technical Director, Harris Center for the Arts*

BS, Indiana State University

**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

**Deville, Rebecca (2008)***Professor, Humanities*

BA, UC Berkeley; MA, San Francisco State;

MA, UC Davis

**Dorn, Paul (2017)***Director of Marketing and Communications,**Harris Center for the Arts*

BA, University of Massachusetts Boston;

BS, Bentley University

**Dowell, Zachary (2001)***Instructional Design & Development Coordinator*

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

**Eiteneer-Harmon, Daria (2016)***Assistant Professor, Astronomy/Physics*

BS, MS, PhD, UC Davis

**Ellerman, C. Howell (2003)***Professor, Business*

AB, Occidental College; JD, Loyola Law School;

IEM Certificate, Harvard University

**Estep, Gena (2016)***Assistant Professor, History*

AA, Sierra College; BA, BA, MA, CSU Sacramento

**Estomo, Sharisse (2016)***Student Services Supervisor*

BA, Pacific Oaks College

**Fannon, Sean (2007)***Professor, Psychology*

BA, The Catholic University of America;

MA, PhD, Duke University

**Fernandez, Josh (2015)***Assistant Professor, English*

BA, UC Davis; MA, CSU Sacramento

**Fletcher, Francis (2001)***Professor, English*

BA, MA, MA, CSU Sacramento

**Flores, Juan J. (2004)***Student Success and Support Program Coordinator*

BA, MS, CSU Sacramento

**Foster, Ted F. (1998)***Professor, Chemistry*

BS, Carleton College; MS, PhD, UC San Diego

**Fowler, Caleb (2013)***Professor, Computer Information Science*

BA, MBA, Cal Poly, Pomona

**Fuson, Joy A. (1999)***Professor, Mathematics*

BS, UC Davis; MA, CSU Sacramento

**Gibson, Bernard (2005)***Dean, Student Services*

BPA, University of Mississippi;

MBA, University of San Francisco

**Giordano, Rose M. (2015)***Assistant Professor, Nutrition*

BS, MCP Hahnemann; PhD, UC Davis

**Green, Dominik J. (2017)***Assistant Professor, Chemistry*

BS, PhD, UC Davis

**Greene, Calvin D. (1992)***Professor, Mathematics*

BS, Louisiana State University; MS, MA, UC Davis

**Gregory, Rich (2015)***Assistant Professor, Kinesiology, Health, & Athletics;  
Head Baseball Coach*

BA, CSU Chico; MA, National University

**Hale, Daniel (2008)***Professor, Astronomy/Physics*

BS, Sonoma State University;

MS, Michigan State University

**Hansen, Mary (2008)***College Nurse*

BSN, CSU Sacramento;

MSN, Dominican University of CA

**Harden, Jeremy (2016)***Assistant Professor, Mathematics*

AS, AA, San Joaquin Delta College;

BA, CSU Stanislaus; MA, CSU Sacramento

**Harman, Joany (2000)***Business Services Supervisor*

BS, Colorado State University

**Harris, David (2007)***Professor, Theatre Arts*

BFA, University of Illinois, Urbana-Champaign;

MFA, UC San Diego

**Hart, Kristy (2005)***Communications & Public Information Officer*

BA, CSU Sacramento

**Haug, Paula (2007)***Professor, Communication Studies*

BA, MA, CSU Fresno

**Hegner, Paula E. (1997)***Professor, Accounting*

MS, CSU Sacramento

**Heiland, Joyce (2001)***Educational Center Supervisor, Rancho Cordova Center*

AA, Folsom Lake College

**Hill, David H. (1990)***Counselor, Professor*

AA, Ricks College; BA, Humboldt State;

MEd, EdD, Brigham Young University

**Holmsen, Ellen C. (2000)***Counselor*

AA, San Francisco City College;

BA, University of San Francisco; MS, CSU Sacramento

**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, CSU Sacramento

**Hwang, Eunyoung (2000)***Professor, Art*

BA, Wagner College; MFA, West Texas A&amp;M;

MA, University of North Texas

**Javier, Miriam (2014)***Counselor*

BA, University of the Pacific; MS, National University

**Jensen, Wayne (2001)***Professor, Mathematics*

AS, American River College; BA, CSU Sacramento;

MA, University of Colorado

**Johnson, Justin (2015)***Assistant Professor, Kinesiology, Health, & Athletics;**Head Men's Soccer Coach*

BA, MA, San Jose State

**Jones, Kalinda (2015)***Assistant Professor, Human Services*

BA, Oliver Nazarene University;

MA, Eastern Michigan University;

PhD, Indiana State University

**Jordan, Denis (2017)***Assistant Professor, Mathematics*

BS, Liberty University;

MS, Virginia Tech



**Keller, Fran (2016)**

*Assistant Professor, Zoology and Biology*  
AS, Sacramento City College; BS, MS, PhD, UC Davis

**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, CSU Sacramento

**Kroencke, Mikael (1999)**

*Professor, Mathematics and Physics*  
BS, MS, UC Davis; MA, San Francisco State

**Lacy, David (2016)**

*Assistant Professor, English*  
AA, Sacramento City College;  
BA, UC Davis; MA, UC Irvine

**Lagala, David (2008)**

*Professor, Biology*  
AA, Ventura College; BA, UC Santa Barbara;  
DC, University of Western States

**Leland, Kathryn Ann (1988)**

*Professor, English*  
AA, Yuba Community College; BA, MA, CSU Sacramento

**Lennert, Michelle (2002)**

*Professor, 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, CSU Sacramento

**Longhitano, Amber (2012)**

*Counselor, Athletics*  
BA, UCLA; MA, CSU Sacramento

**Lopez, Carlos (2002)**

*Professor, Spanish*  
BA, MA, UC Davis

**Macias-Perez, Elvia (1989)**

*Professor, Spanish*  
BA, MA, CSU Sacramento;  
PhD, University of Guadalajara, Mexico

**Madden, Michelle (2002)**

*Counselor, Professor*  
BA, MS, CSU Sacramento

**Mahoney, Max (2015)**

*Assistant Professor, Chemistry*  
BS, California Polytechnic State University, SLO;  
PhD, UC Santa Cruz

**Maryatt, Victoria (1998)**

*Dean, Career and Technical Education*  
ADN, De Anza Community College;  
BSN, MSN, University of San Francisco;  
MAOM, University of Phoenix

**McCormac, Greg (2000)**

*Dean of Instruction, Math, Science, and Engineering*  
BS, UC Irvine; MS, CSU Sacramento

**McFaul, Steve (2007)**

*Professor, Mathematics*  
BA, UC Davis; MS, CSU Hayward

**McHargue, Tim (2004)**

*DSPS Coordinator/Counselor*  
BA, MS, CSU Sacramento; EdD, University of the Pacific

**Mendell, Rebecca (2007)**

*Public Access Services Librarian*  
BA, UC Davis; MLIS, San Jose State

**Moraga, Juan Carlos (1999)**

*Professor, Spanish*  
BA, MA, University of Northern Iowa

**Moreno, Deborah D. (1993)**

*Professor, History*  
BA, MA, CSU Sacramento

**Morrison, Jill (2015)**

*Counselor, PASS*  
BA, University of Redlands;  
MS, San Diego State University

**Mowrer, Richard (2015)**

*Assistant Professor, History*  
BA, Yale University; MA, UCLA

**Nersesyan, Vadim (2016)**

*Assistant Professor, Mathematics*  
BS, Portland State University;  
MS, Oregon State University

**Newnham, David A. (2002)**

*Assistant Professor, Music*  
 BM, MM, University of the Pacific;  
 PhD, Florida State University

**Nguyen, Bi (2015)**

*Assistant Professor, Math*  
 BA, MA, CSU Sacramento

**Oberth, Christa (1998)**

*Professor, Chemistry*  
 BS, PhD, UC Davis; MS, CSU Sacramento

**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)**

*Vice President, Instruction*  
 BA, MA, New Mexico State University;  
 PhD, Colorado State University

**Padash, Ali (2000)**

Financial Aid Supervisor  
 AS, American River College; BS, UC Davis;  
 MS, CSU Sacramento

**Pedro, Jason (2013)**

*Professor, Medical Laboratory Technician*  
*Program Coordinator*  
 BS, UC Davis; MBA, CSU Sacramento

**Peralta, Marsha (2005)**

*Professor, Early Child Education*  
 BA, CSU Sacramento; MA, Pacific Oaks

**Piedra-Walsh, Lucia (2009)**

*Counselor*  
 BA, MS, CSU Sacramento

**Pier, Dave (2010)**

*Executive Director, Harris Center for the Arts*  
 BA, Carleton College; BS, Columbia University;  
 MS, Stanford University; MBA, UCLA

**Pietromonaco, Dean (2000)**

*Professor, Mathematics*  
 MA, UC Davis

**Pipkin, Kevin (2005)**

*Professor, Mathematics*  
 BS, MS, CSU Hayward

**Pittman, Jason (2006)**

*Professor, Geography and Geology*  
 BA, UC Davis; MS, Oregon State University

**Pitts, Lorilie (2000)**

*Public Services Outreach Librarian*  
 AA, American River College; BA, CSU Sacramento;  
 MLIS, San Jose State

**Prelip, Angela (2013)**

*Professor, Communication Studies*  
 AA, Merced College; BA, CSU Stanislaus;  
 MA, CSU Northridge; MA, Fresno Pacific University;  
 EdD, Alliant International University

**Price, Yvonne (2008)**

*Professor, English*  
 BA, Certificate in Teaching Post-Secondary Reading,  
 San Francisco State; PhD, Stanford University

**Raines, Christopher (2012)**

*Custodial/Receiving Supervisor*  
 AS, BS, Colorado Technical University

**Raskin, Sam (2015)**

*Learning Skills Coordinator*  
 BA, UC Santa Cruz; MS, CSU Los Angeles

**Rauschkolb, Tracy (2008)**

*Professor, English*  
 AA, American River College;  
 BS, MA, Certificate in Teaching College Composition,  
 CSU Sacramento

**Reese, David (2004)**

*Professor, Political Science*  
 BA, UC Santa Barbara; MA, San Diego State;  
 PhD, Colorado State University

**Reisner, Carolyn (1987)**

*Articulation Officer, Counselor*  
 BA, University of Colorado, Boulder;  
 MA, CSU Chico

**Ribaud, Donny (2014)**

*Assistant Professor, Kinesiology, Health, & Athletics;*  
*Head Women's Soccer Coach*  
 BA, MA, CSU, Chico

**Richardson, Ron (2009)**

*Athletic Coordinator, Professor, Kinesiology,  
Health & Athletics*  
BA, Western State College; MA, St. Mary's College

**Ritzi-Marouf, Viviane (1999)**

*Professor, French and Spanish*  
BA, Brigham Young University; MA, MA, UC Davis

**Robinson, Brian (2000)**

*Dean of Instruction, Rancho Cordova Center*  
BA, MA, CSU Sacramento

**Roehr, Rebecca (2016)**

*Assistant Professor, English*  
AA, Folsom Lake College; BA, MA, CSU Sacramento

**Rogers, Sherry M. (1996)**

*Professor, Biology*  
BS, MA, UC Riverside

**Ross, Daniel G. (1999)**

*Professor, Computer Information Science  
and Engineering*  
BSME, CSU Fresno; MSBME, MSCS, CSU Sacramento

**Royer, Tina (2007)**

*Professor, English*  
BA, MA, CSU Sacramento

**Samples, Marjorie (2005)**

*Professor, Chemistry*  
BA, Franklin & Marshall College;  
PhD, Stanford University

**Sapra, Lisa (2008)**

*Professor, English*  
AA, Orange Coast College; BA, MA, CSU Long Beach

**Sayago, Marisa (1999)**

*Professor, Art*  
BFA, W. Texas A&M University;  
MFA, University of North Texas

**Schmid, Heike (2008)**

*Professor, Art*  
BA, Technische Universität Berlin, Germany;  
MA, CSU Sacramento

**Schritter, Lele (2007)**

*Professor, Mathematics*  
BS, Cal Poly, San Luis Obispo; MA, CSU Sacramento

**Senecal, Molly (2015)**

*Dean, Planning and Research*  
BS, UC Davis; MPA, University of Southern California;  
EdD, UC Davis

**Siegfried, Danny (2014)**

*Assistant Professor, English*  
BA, MA, CSU Sacramento

**Siwabessy, Genevieve (2012)**

*Student Life Supervisor*  
BA, UC Davis; MA, CSU Sacramento;  
EdD, UC Davis

**Snowden, BJ (2002)**

*Dean of Instruction, Visual & Performing Arts  
and Language & Literature*  
BA, San Jose State; MA, Pepperdine University;  
EdD, University of San Francisco

**Swithenbank, Elizabeth (2007)**

*Professor, Business Technology*  
BS, Santa Clara University; MBA, Golden Gate University

**Telles, James (2003)**

*Librarian, Professor*  
BA, MA, CSU Sacramento; MLIS, San Jose State

**Thiessen, Stacia S. (1996)**

*Librarian*  
BS, Morningside College; MLIS, San Jose State

**Thomas, Christine (1986)**

*Vice President, Student Services (Interim)*  
AA, Cosumnes River College;  
BS, University of San Francisco; MS, CSU Sacramento

**Tikhonov, Inna (2008)**

*Counselor*  
AS, Cosumnes River College; BA, MS, CSU Sacramento

**Tinoco, Diana Chang (2005)**

*Professor, English as a Second Language*  
AA, Sacramento City College; BA, UC Davis;  
MA, Columbia International University

**Torrez, Matt (2001)**

*Professor, Kinesiology, Health, & Athletics;  
Head Women's Volleyball Coach*  
BS, MA, CSU Fresno

**Tyler, Erica (2008)***Professor, Anthropology*BA, UC Berkeley; MA, The Ohio State University;  
PhD, UC Davis**Vickrey, C.D. (2000)***Professor, Business and Management*AA, Yuba College; BA, CSU Sacramento;  
MA, National University; MS, CSU East Bay**Wada, Eric (2007)***Professor, Biology*

BA, BS, UC Berkeley; PhD, UC Davis

**Wallace, Ian (2012)***Professor, Theatre Arts*

BFA, New York University; MFA, UC San Diego

**Watanabe, Matthew (2016)***Assistant Professor, Business*BS, MBA, CSU Sacramento;  
JD, McGeorge School of Law**Williams, Melissa (2016)***Director of Administrative Services*

BA, UC Riverside; MBA, Drexel University

**Williamson, Andrew (2016)***Assistant Professor, English*

BA, MA, CSU Sacramento

**Worth, Debi (2007)***Professor, Dance*BA, UC Irvine;  
MA, University of Surrey Roehampton, England**Wright, Matt (2008)***Dean of Instruction, Health, Athletics, & Nutrition;**Athletic Director*

BA, MA, CSU Chico

**Wurzer, Christine (1985)***Admissions & Records Supervisor*

AA, American River College; BS, CSU Sacramento

**Yamamura, Whitney (1991)***President*

BS, MA, Sacramento State

# Classified Staff

*NOTE: Year in parentheses refers to date of full-time hiring with Los Rios Community College District or Folsom Lake College.*

**Aldea, Sarah (2003)**

Outreach & Recruitment

**Anderson, Brittney (2016)**

Financial Aid

**Anderson, Jae (2001)**

Instructional Services

**Atkinson, Laura (2012)**

Information Technology Services

**Bahns, Candace (2005)**

Instructional Support Services

**Barnes-Liguori, Kathy (2002)**

Printing/Mail Services

**Battershell, Matthew (2006)**

Public Information Services

**Bernabe, Ramon (2016)**

Custodial Services

**Bielefield, Vonnie (2007)**

Career and Transfer Services

**Blodgett, Hannah (2014)**

Orientation Services

**Brown, Gayle (1996)**

Admissions and Records

**Burke, Talina (2016)**

Campus Operations

**Calise, Susan (2015)**

Business Services

**Campbell, Lindsey (2015)**

Instructional Services

**Cantu, Jacob (2014)**

Harris Center for the Arts

**Chadwick, Sera (2016)**

Campus Operations

**Chale, Jeffery (2017)**

Athletics/Kinesiology

**Chueh, Valerie (2016)**

Student Services

**Cisneros, Claudio (2017)**

Career and Technical Education

**Conant, Ron (2006)**

Custodial Services

**Cosentino, Jim (1996)**

Information Technology Services

**Coykendall, Michelle (2000)**

Media Services

**Crandell, Jane (2014)**

Public Information Services

**Croff, Jeanne (2006)**

Instructional Services

**Cunningham, Chris (2008)**

Maintenance

**Dubinets, Nikolay (2005)**

Information Technology Services

**Evers, Kent (2017)**

Business Services

**Foon, Lana (1998)**

Financial Aid

**Franco, Rochelle (1998)**

Admissions and Records

**Fuertes, Andrea (2016)**

Outreach & Recruitment

**Fuller, Annie (2011)**

Financial Aid

**Garcia, William (2015)**

Athletics

**Garza, Eduardo (2011)**

Harris Center for the Arts

**George, Tanya (1989)**

Library

**Goff, Thomas (1997)**

Reading and Writing Center

**Goodman, Pat (2008)**  
Custodial Services

**Guzzi, Kathy (2007)**  
College Store

**Habib, Afshan (1992)**  
Instructional Services

**Haney, Brenda (2000)**  
Business Services

**Hansen, Hugh (2007)**  
Custodial Services

**Hemmenway, Tracy (2001)**  
Admissions and Records

**Hendricks, Tess (2007)**  
Science

**Hill, Sarah (2008)**  
Media Services

**Hindi, David (2006)**  
Media Services

**Hintze, Jeanne (2004)**  
Science

**Hoyt, Cameron (2016)**  
Instructional Services

**Hyder, Renee (2004)**  
Assessment Services

**Ivaska, Devan (2014)**  
Harris Center for the Arts

**Jennings, Gina (1987)**  
English Center

**Johnson, Kaleen (2015)**  
Admissions and Records

**Kelly, Laura (2008)**  
Printing/Mail Services

**Kraft, Lota (2006)**  
Custodial Services

**Larson, Holly (2011)**  
Harris Center for the Arts

**Leach, Jayson (2015)**  
Custodial Services

**Lee, Hao (2008)**  
Music

**Lee, Matthew (2016)**  
Assessment Services

**Lindsey, Barbara (2015)**  
Tutoring/ESL

**Lopez, Gabe (2012)**  
Custodial Services

**Lozano, Karla (2017)**  
EOPS, CARE, and CalWORKs

**Lu, Michael (2014)**  
Custodial Services

**Maduell, Regina (2015)**  
Library

**Martinez, David (1999)**  
Counseling Services

**Martinez, Lupe (2011)**  
Admissions and Records

**Masika-Wamala, Brenda (2016)**  
Admission and Records

**McDowell, Lauren (2015)**  
Custodial Services

**Melton, Taylor (2016)**  
Custodial Services

**Meroux, Linda A. (2001)**  
Science

**Michels-Ratliff, Emelia (2017)**  
Institutional Research

**Miller, Travis (2001)**  
Maintenance

**Miranda, Jonathan (2013)**  
Financial Aid

**Mitchiner, Brandi (2017)**  
Career and Technical Education

**Moldovan, Elena (2017)**  
Financial Aid

**Montez, Dominic (1994)**  
Custodial Services

**Moskalyuk, Olga (2017)**  
Student Services

**Moua, Theng (2002)**  
Financial Aid

**Mulligan, Terry (2007)**  
Custodial Services

**Nariman Hassanabadi, Kourosh (2016)**  
Custodial Services

**Ndiaye, Ababacar (2013)**  
Custodial Services

**Nunez, Mechelle (2014)**  
Administrative Services, El Dorado Center

**Owens, Colin (2005)**  
College Store

**Palomares, Karen (2006)**  
Extended Opportunities Programs and Services

**Pimental, Christy (2012)**  
Disabled Students Programs and Services

**Poteet, Rhonda (1998)**  
College Store

**Quintell, Melonie (2016)**  
Instructional Services

**Randak, Irina (2013)**  
Financial Aid

**Rivera-Benavidez, Jesus (2015)**  
Custodial Services

**Robinson, Colleen (2018)**  
Counseling

**Ross, Ariana (2015)**  
Extended Opportunities Programs and Services

**Ryan, Diana (2016)**  
Disabled Students Programs and Services

**Santoro, Linda (2006)**  
Instructional Services

**Shane, Vonnie (1997)**  
Career and Technical Education

**Small, Kim (1990)**  
Information Technology Services

**Stack, Linda (2014)**  
Harris Center for the Arts

**Stefanco, Tatiana (2015)**  
Administrative Services

**Swanson, Mary (2007)**  
Business Services

**Takemoto, Darren (2003)**  
Information Technology/Media Services

**Tarzia, Josh (2016)**  
Information Technology Services

**Taylor, Derrick (2009)**  
Custodial Services

**Thiessen, Levi (2014)**  
Receiving

**Valverde, Tracey (1998)**  
Library

**Vander Werf, Wenda (2002)**  
Administrative Services

**Vanegas, Clementina (2000)**  
Custodial Services

**Visentin, Dee (1991)**  
Business Services

**Ward, Anne (2014)**  
College Advancement

**White, Anne (2007)**  
Institutional Research

**Williams, Angie (1998)**  
Welcome & Student Success Center

**Zschokke, John (2007)**  
Instructional Support Services

**Zwerenz, Kim (2000)**  
Science







FOLSOM LAKE COLLEGE  
EL DORADO CENTER | RANCHO CORDOVA CENTER



# MAPS



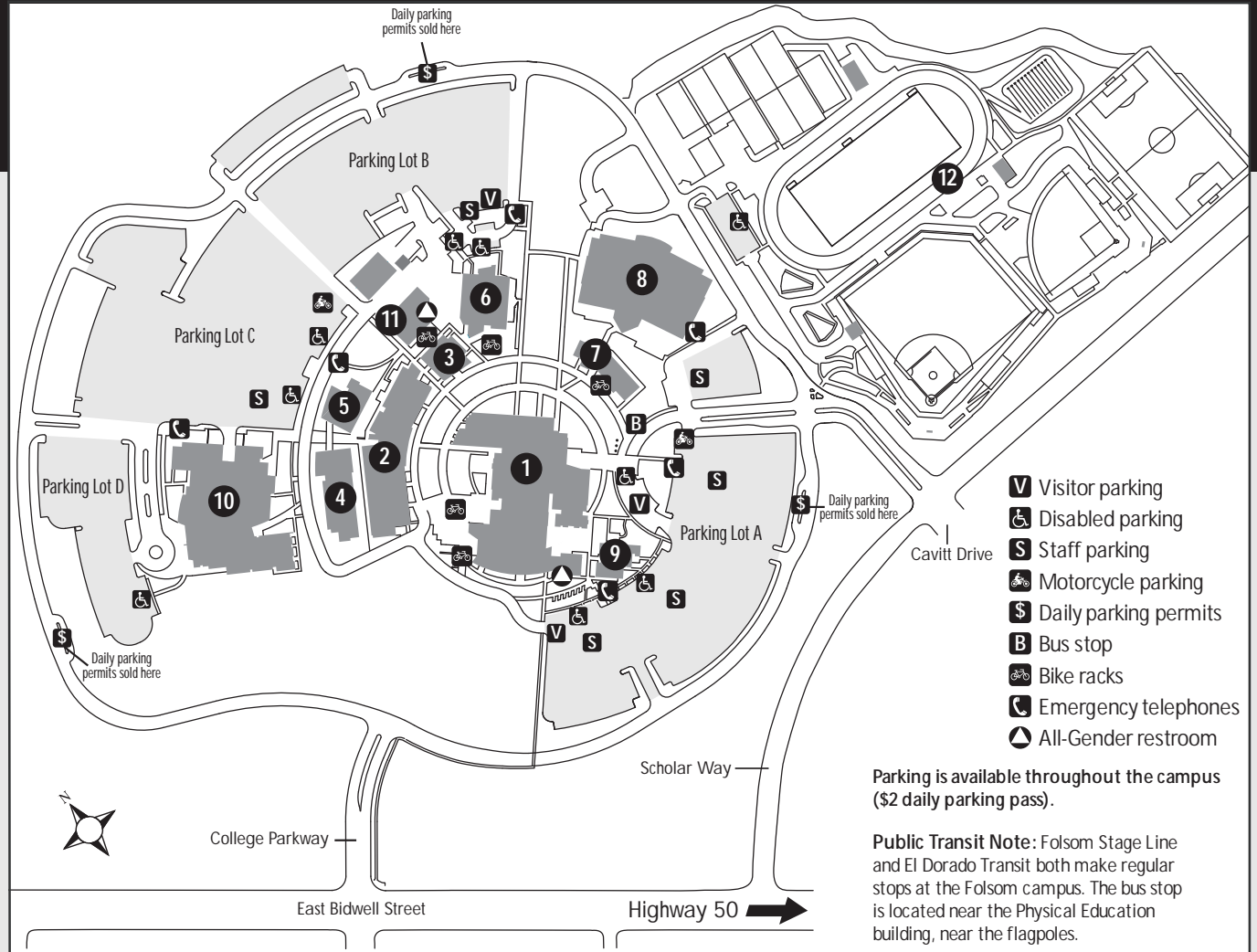




# MAIN FOLSOM CAMPUS

10 COLLEGE PARKWAY, FOLSOM, CA 95630  
(916) 608-6500 | www.flc.losrios.edu

FOLSOM LAKE COLLEGE  
EL DORADO CENTER | RANCHO CORDOVA CENTER



- 1 Aspen Hall / FL1**  
Admissions & Records  
Assessment Center (FL1-107)  
Center for Excellence (FL1-108)  
Community Room (FL1-20)  
Computer Lab  
Counseling  
Financial Aid  
Innovation Center/Makerspace (FL1-130)  
Library  
Public Information Services (FL1-9)  
Welcome & Student Success Center
- 2 Cypress Hall / FL2**  
Reading & Writing Center (FL2-239)  
SOAR Central (FL2-238)  
Tutoring Center (FL2-246)

- 3 Buckeye Hall / FL3**  
Large Lecture Hall (FL3-173)
- 4 Dogwood Hall / FL4**
- 5 Lilac Hall / FL5**
- 6 Falcon's Roost / FR**  
Associated Students (FR-106)  
Cafeteria  
Career & Transfer Center (FR-115)  
College Police  
College Store  
Java City Coffee Cart  
Peregrine Room (FR-240)  
Student Life (FR-108)

- 7 Physical Education / PE**  
Student Athlete Success Center (PE-112)  
Veterans Success Center (PE-119)
- 8 Gymnasium / GYM**
- 9 College Administration / CA**  
Business Services
- 10 Harris Center for the Arts / PAC**
- 11 Campus Services / CS**  
Custodial  
Maintenance  
Printing/Mail  
Receiving
- 12 Athletics Complex**

**Directions**

**From the Sacramento area,** take Highway 50 east toward Lake Tahoe. Take the East Bidwell Street/Scott Road exit and turn left at the end of the exit ramp. Proceed north on East Bidwell for 1.6 miles. Turn right at College Parkway at the signal.

**From the Lake Tahoe area,** take Highway 50 west toward Sacramento. Take the East Bidwell Street/Scott Road exit and turn right at the end of the exit ramp. Proceed north on East Bidwell for 1.6 miles. Turn right at College Parkway at the signal.

**From the Roseville area,** heading east on Douglas Boulevard, turn right onto Folsom Auburn Road. Continue south 4.4 miles and turn left on Greenback Lane. Follow Greenback Lane, which becomes Riley Street, as you pass through Historic Folsom and just past Sutter Middle School turn left on East Bidwell Street. Continue southeast for 3.5 miles, passing Oak Avenue Parkway, and turn left at College Parkway at the signal.



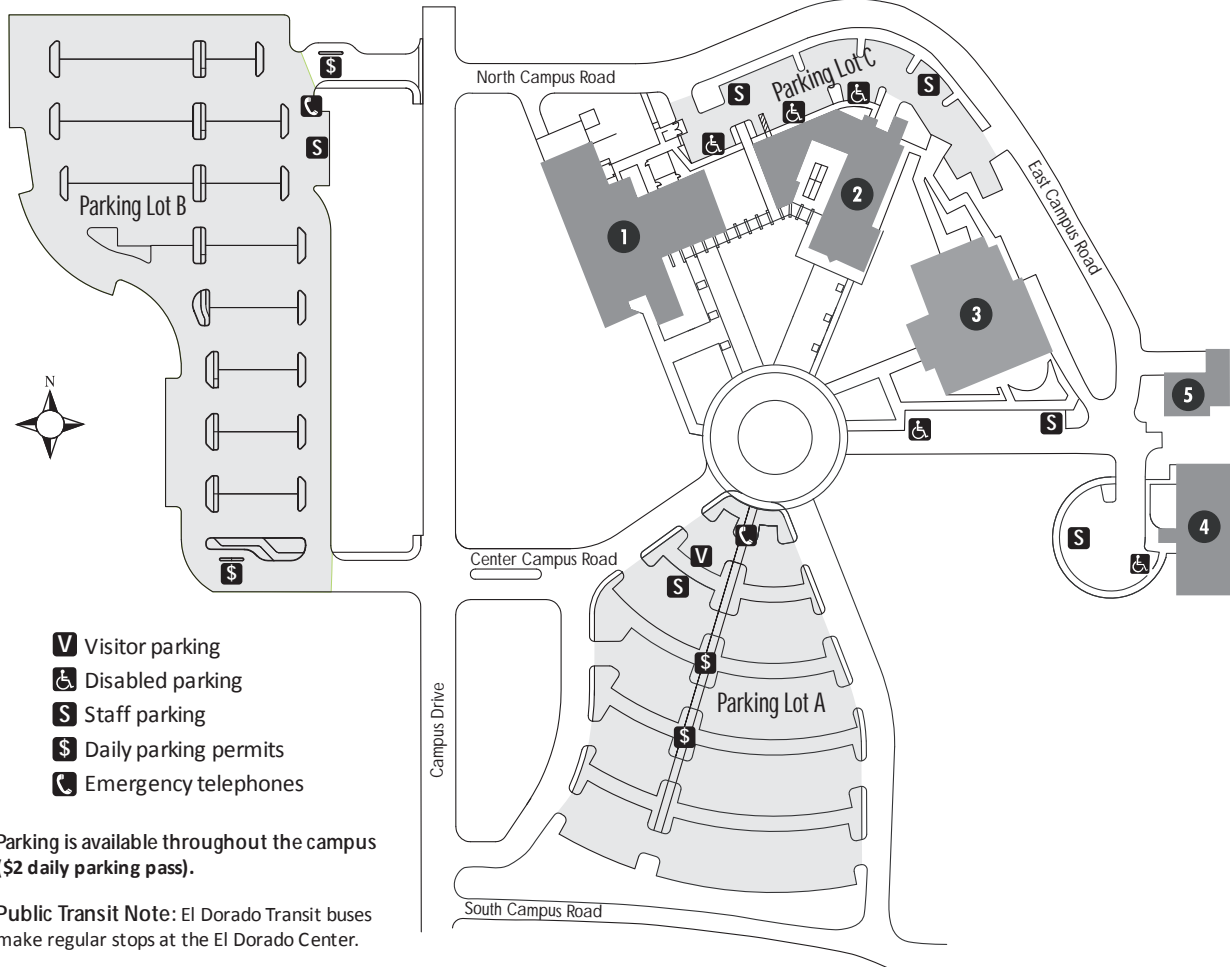
# EL DORADO CENTER

6699 CAMPUS DRIVE, PLACERVILLE, CA 95667

(530) 642-5644 | www.flc.losrios.edu

FOLSOM LAKE COLLEGE  
EL DORADO CENTER | RANCHO CORDOVA CENTER

Sherwood Demonstration Garden | Cameron Park Rotary Club  
UCCE Master Gardeners of El Dorado County | Community Observatory



- 1 Building A**  
Classrooms A-101 through A-214  
Library
- 2 Building B**  
First Floor  
Admissions & Records  
Assessment (B-125)  
Associated Students (B-143)  
College Police (B-132)  
College Store (B-126)  
DSPS (B-122)  
Financial Aid (B-120)

- First Floor *continued***  
Prairie Falcon Room (B-141)  
Student Lounge
- Second Floor**  
College Administration  
Faculty Offices
- 3 Building C**  
Assessment Testing Room (C-217)  
Classrooms C-101 through C-217  
Community Room (C-102)  
Computer Lab (C-210)

- 4 Fitness Center**
- 5 Campus Services**  
Custodial  
Facilities Management/Grounds  
Maintenance  
Receiving

**Directions** From the Sacramento area, take Highway 50 east towards Placerville. Take the El Dorado Road exit and turn left at the first stop sign off the highway. Continue on this road for 1.3 miles. Turn left at the first traffic signal (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.

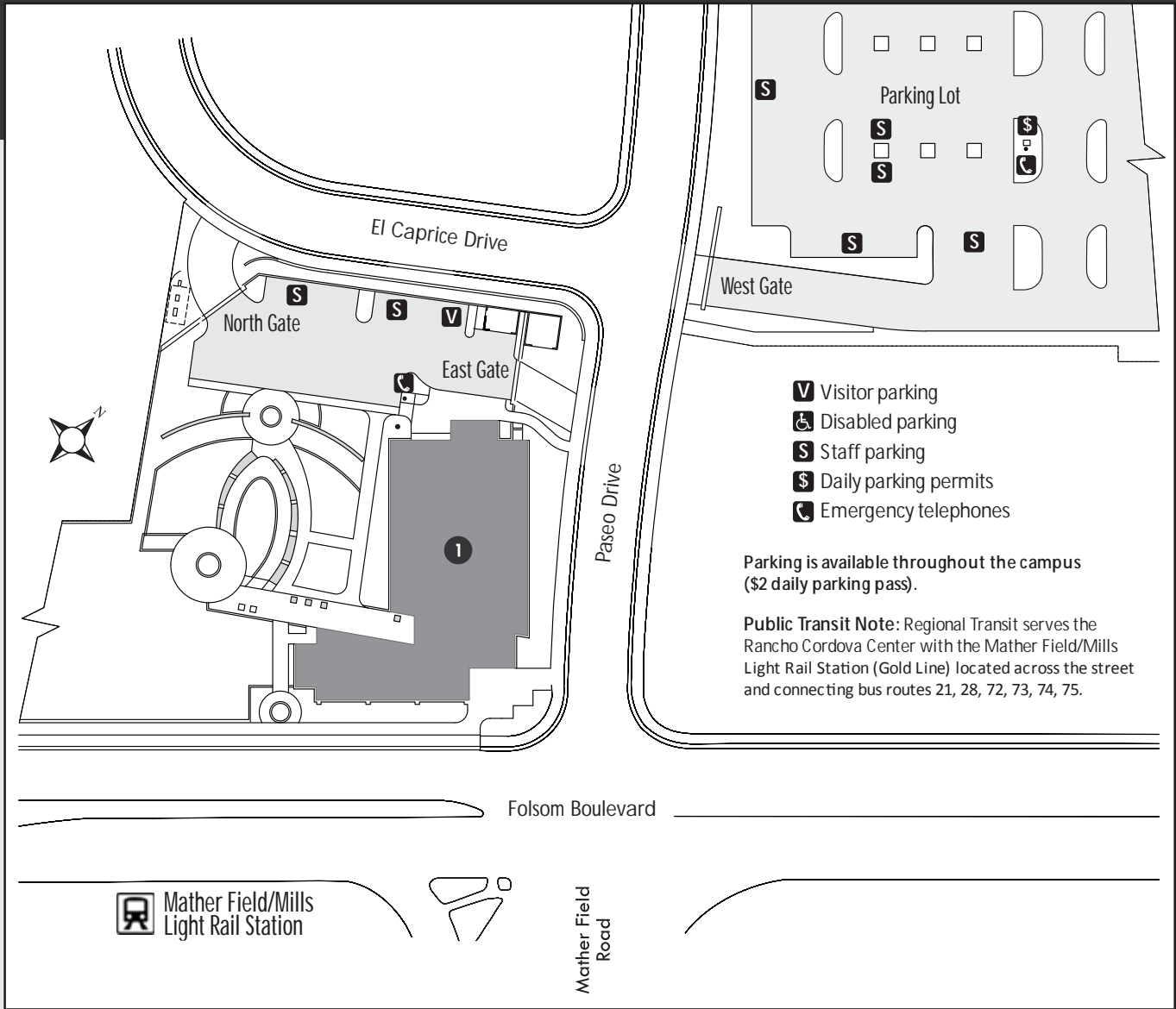
From the Lake Tahoe area, take Highway 50 west towards Sacramento. Take the El Dorado Road exit and turn left at the first stop sign off the highway. Continue on this road for 1.3 miles. Turn left at the first traffic signal (Missouri Flat Road). Continue on Missouri Flat Road (which becomes Green Valley Road) for 1.5 miles. Turn right on Campus Drive, which is just past the El Dorado County Office of Education and elementary school.



# RANCHO CORDOVA CENTER

10259 FOLSOM BLVD., RANCHO CORDOVA, CA 95670

(916) 361-6321 | www.flc.losrios.edu



**1 Building 1**  
First Floor

- Admissions & Records
- CalWORKs
- Classrooms (RCC1-105, RCC1-125, and RCC1-134)
- College Store

First Floor *continued*

- Counseling
- DSPS
- EOPS
- Faculty Offices
- Financial Aid
- Student Lounge

Second Floor

- Classrooms (RCC1-210, RCC1-211, RCC1-212, and RCC1-227)
- Computer Lab (RCC1-229)
- Learning Resource Center (RCC1-203)

**Directions**

From the Sacramento area, take Highway 50 east towards Folsom. Take the Mather Field Road exit. Turn left at the first traffic signal off the highway. Go over the highway and as you approach Folsom Boulevard, get in the middle lane. Once you cross over Folsom Boulevard, the road becomes Paseo Drive. Parking lot entrance will be on your right. The Center entrance is across the street.

From the Lake Tahoe area, take Highway 50 west towards Sacramento. Take the Mather Field Road exit. Turn right at the first traffic signal off the highway. As you approach Folsom Boulevard, get in the middle lane. Once you cross over Folsom Boulevard, the road becomes Paseo Drive. Parking lot entrance will be on your right. The Center entrance is across the street.







FOLSOM LAKE COLLEGE  
EL DORADO CENTER | RANCHO CORDOVA CENTER



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