



2022 - 2023



Feather River College

CATALOG



# GREETINGS FROM FEATHER RIVER COLLEGE

Small college ... big education. Home to the million-acre classroom. Feather River College is known by many names - we are also known as a college that cares about your success.

Nestled in a small, rural mountain community, Feather River College offers many opportunities that you will not find elsewhere. Our faculty, staff and administrators are dedicated to helping students both inside the classroom and in extracurricular activities. Championship athletic teams, outdoor recreation programs and unique programs in Equine Studies, Fish Hatchery Management and Environmental Studies are some of our special educational opportunities available to students. Feather River College has the privilege to offer one of the first bachelor degrees from a California community college. In May 2018, FRC awarded its first Bachelor of Science in Equine and Ranch Management. In addition, we offer traditional transfer programs, vocational training certificates and personal enrichment courses. No matter what your interests, everyone will find something of value at Feather River College. Coupled with breathtaking views from our natural setting, Feather River College offers a unique learning environment to help you reach your educational goals. I thank you for your interest in Feather River College and I look forward to seeing you on campus.

**Kevin Trutna, Ed.D.**

*Superintendent/President*



**Feather River College**

570 Golden Eagle Avenue  
Quincy, California 95971

[www.frc.edu](http://www.frc.edu)

# FEATHER RIVER COLLEGE GENERAL CATALOG 2022-2023

Feather River College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges.

Feather River Community College District has made every reasonable effort to ensure that the information published in this catalog accurately reflects current legislation, policy, and fees. However, these are subject to modification at any time in order to accommodate changes in the resources or educational plans of the District or for reasons deemed appropriate by the college president or designee. These changes may be made without prior notice and may supersede this publication or any portion thereof. The full text of any Board Policy and/or Administrative Procedure listed in this catalog can be found on the FRC website at [www.frc.edu/administration/board-of-trustees](http://www.frc.edu/administration/board-of-trustees).

Students who enroll at Feather River College understand that photographs taken of them while on campus and at college activities or events may be used to promote the college and that the images may be used in print publications, online publications, presentations, websites, and social media. They further understand that no royalty, fee or other compensation shall be payable by reason of such use. It is the responsibility of the student to inform the photographer if they do not wish for their photograph to be taken.

The District is committed to the support of campus wide diversity, while emphasizing the employment of qualified administrators, faculty, and staff members who are dedicated to student success. The Board recognizes that diversity in the academic environment fosters cultural awareness, promotes mutual understanding and respect, and provides suitable role models for all students. The Board is committed to hiring and staff development processes that support the goals of equal employment opportunity and diversity, and provide equal consideration for all qualified candidates (BP 7100).

The District shall provide access to its services, classes and programs without regard to, national origin, religion, age, sex (gender), gender identity, gender expression, race or ethnic group identification, color, medical condition, genetic information, ancestry, sexual orientation, marital status, disability, pregnancy, or because he/she is perceived to have one or more of the foregoing characteristics, or based on association with a person or group with one or more of these actual or perceived characteristics.

Questions or disputes regarding the College's compliance with nondiscrimination policies, EEO, Title IX and Section 504/ADA, should be directed to the College's Director of Human Resources/EEO, Feather River College, 570 Golden Eagle Avenue, Quincy, CA 95971, (530) 283-0202, ext. 280.

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# ABOUT FEATHER RIVER COLLEGE

## STATEMENT OF MISSION

Feather River College provides high-quality, comprehensive student education as well as opportunities for learning, workforce preparation, and achievement in a small college environment. The College provides general education, associate and bachelor's degrees, certificates, transfer programs, and life-long learning for a diverse student population by serving local, regional, national and international students through traditional face-to-face instruction as well as distance education. The College also serves as a cultural and economic leader for all communities that lie within the District and embraces the opportunities afforded by its natural setting.

## STATEMENT OF VISION

Feather River College cultivates engaged citizens striving for a resilient, solution-based society. As a campus community, we aim to foster the values of education, service, and stewardship in our students, staff, and community. We will continue to develop our educational and co-curricular offerings to support our students' pursuit of sustainable, fulfilling, and dynamic lives.

## STATEMENT OF VALUES

### Develop the Mind

We believe that diversity of opinion on all issues helps develop the minds of our students so that they may make sound judgments of value in the continuing pursuit of lifelong learning.

### Celebrate the Individual

We celebrate the uniqueness of the individual by affirming that personal identity and cultural heritage are the base from which each person may aspire to any height.

### Strive for Excellence

We are committed to the creation of a quality learning environment, striving for excellence at all levels, fully supported by adequate resources, so that our students will have the best chance to learn.

### Open Doors

We pledge that the doors of opportunity and encouragement will be open to everyone who can benefit and that our guiding principle in approaching students is to provide accessibility to all that the college has to offer.

## Nourish the Community

As a member of our community, we take pride in affirming an active partnership in improving the quality of life and economic development in our area.

## INSTITUTIONAL CODE OF ETHICS

Feather River College (FRC) offers forth the following series of values to collectively serve as a Statement of Ethics for our institution. It is meant as an articulation of our collective ethics, and should guide the ethical deliberations of each member of the FRC community. While members of FRC differ in age, gender, race, ethnicity, religion, sexual orientation, political persuasion, and many other personal values, we agree on the following:

**A respect for persons:** The inherent importance of respecting persons implies recognizing that we are distinctive individuals with our own goals, beliefs, feelings, values and relationships, and that these have a vital place in one's sense of dignity and autonomy.

**Esteem for education:** Create a student-centered environment for teaching and learning, which emphasizes a respect for the institution and for the values of education and learning, and encourages the belief that access to education is a right and learning at the college level is a privilege and a responsibility.

**Collegiality and individual responsibility:** With respect for the individual, we also value collegiality, learning and decision-making under the umbrella of collaboration in support of institutional unity.

**Concern for the personal development of each member of FRC and the community it serves:** We encourage a nurturing environment and offerings that promote culturally enriched opportunities for the professional and personal growth of students, faculty and staff. In addition, we recognize the integral relationship between FRC and the community and the responsibility we share to promote diverse opportunities.

**Do no harm:** At Feather River College every effort is taken to avoid actions and policies that cause unnecessary harm to others. The college is committed to promoting increased individual self-worth, dignity and safety. All members at Feather River College have the right to learn and work in a safe environment free of discrimination. All members of the college community share the responsibility of refraining from activities that tarnish or degrade the image of the institution or any of its constituents, and of protecting the confidentiality of individuals.

**Fairness:** Evaluations of all members of the Feather River College community shall be based upon clearly stated criteria that are administered equally.

**Honesty and openness:** At Feather River College we encourage a respect for truthfulness. This includes the development and expression of intellectual honesty, honesty in relationships with others, and honesty in regard to oneself. We also encourage that honesty be expressed in the context of openness, and that differences in opinions be respected while working with others in the spirit of harmony and cooperation. We support decisions made by the majority while respecting the rules of democracy, and providing constructive analysis free of personal prejudices and biases.

**Freedom:** Members of the Feather River College community have the right to academic and artistic expression, which includes investigating and describing their values and beliefs, exploring and discussing controversial points of view, and advocating what they believe is in the best interest of the college. Students, in particular, have a right to be free from indoctrination and other forms of miseducation that fail to respect the autonomy of the student.

**Sense of place:** Feather River College is committed to creating a sense of place that integrates social, environmental and educational values. This includes the development of facilities, academic programs, curricula, and community projects to foster ethnic diversity, community congregation, historical and cultural celebrations, environmental explorations, and multi-discipline classes that bridge the varying backgrounds and interests of students and community members.

**Environmental stewardship:** Protecting the natural beauty of our unique location is paramount to the delivery of our academic programs. Because the Feather River College campus abuts other public lands, the campus community has an obligation to carefully manage its woodland location and natural laboratories. A respect for nature is a building block in the development of productive citizens.

### **AP 3050 - Institutional Code of Ethics**

**Approved: November 14, 2005**

## **ACADEMIC FREEDOM**

Academic freedom is defined as the freedom to teach and learn in an atmosphere of free inquiry and expression, including freedom in presenting and discussing subjects, as well as any other relevant matters, including controversial matters, as long as the difference between personal opinion and factual information is clearly delineated. This applies to all members of the Feather River College community: faculty, students, classified and administrative staff, and trustees.

The Board of Trustees recognizes that academic freedom is necessary to the pursuit of truth and supports the principles of academic freedom enunciated in contracts negotiated between the District and bargaining units (e.g. Article 4 on academic freedom, Agreement Between Feather River Federation of Teachers AFT/CFT, AFL-CIO and Feather River Community College District; and Article 4 on academic freedom, Agreement Between Feather River Federation of Teachers, Associate Faculty Chapter, AFT/CFT, AFL-CIO and Feather River Community College District) or, in the case of students, as outlined in the policy on Standards of Student Conduct.

### **BP 4030 - Academic Freedom**

**Approved: February 19, 2015**

## **FEATHER RIVER COLLEGE STUDENT LEARNING OUTCOMES**

Students who complete a certificate or degree at Feather River College should be able to demonstrate that they have achieved the following student learning outcomes. Each academic program and student support service area has additional outcomes.

- 1. Students will communicate effectively by:**
  - Writing clearly and accurately in a variety of contexts and formats
  - Articulating thoughts, ideas, concepts, and opinions verbally
  - Reading, comprehending, and applying published ideas
  - Listening and responding to others
- 2. Students will demonstrate critical thinking skills by:**
  - Applying principles of scientific and/or qualitative reasoning and logic to solve problems
  - Evaluating strengths, weaknesses, and fallacies of logic in arguments and information
  - Utilizing a variety of academic lenses to develop and employ a multidisciplinary worldview
  - Applying knowledge and skills in real-life settings
- 3. Students will locate, evaluate, and apply information by:**
  - Using technologies to identify, access, evaluate and use information to accomplish a specific purpose or task (e.g., library and Internet search engines)
  - Using social learning tools (e.g., systems that connect learners, instructors, and information: Moodle, SharePoint, Google docs, social software/media sites)
  - Organizing information (e.g., creating and maintaining electronic organization system for files)
  - Understanding the social and ethical issues surrounding the responsible use of information technology

- Demonstrating competency in concepts, terminologies, and applications (e.g., word processing, spreadsheets, databases, presentations, and web)
- 4. Students will demonstrate a sense of personal and professional ethics by:**
    - Accepting responsibility for their own actions
    - Respecting and honoring diversity of individuals and ideas
    - Exhibiting personal, professional, and academic honesty
  - 5. Students will develop a clear sense of self, purpose, and ability to achieve goals by:**
    - Developing autonomy
    - Developing prioritization skills
    - Advocating for self
    - Delaying self-gratification
    - Setting goals
    - Using time management skills
    - Accessing resources
  - 6. Students will demonstrate skills in relationships through interpersonal communication, compromise, teamwork, and collaboration.**
  - 7. Students will value their education, understand its privilege, and become responsible citizens by:**
    - Participating in community service
    - Respecting and questioning authority
    - Expressing themselves creatively
    - Being proactive in learning

## HISTORY OF THE COLLEGE

Based on a need for accessible community college education for the residents of rural Plumas County, Feather River College was created in 1968 as a satellite campus of the Peralta Community College District through annexation with the Plumas Unified School District. In 2019, Feather River College will be celebrating its 50th graduating class and providing higher education opportunities in Plumas County.

Feather River College offered its initial academic program in September 1968, holding classes in the high schools of Plumas County. In August 1969, FRC moved to the Plumas County Fairgrounds where it remained until the college was established at its permanent site in April 1971. An extensive building program and aggressive recruitment program contributed to the College's steady growth.

In 1988, it was determined that the future of Feather River College and the needs of the citizens of Plumas County would best be served if the college became an independent, locally controlled community college district. Thus, in July 1988, Feather River College was de-annexed from the Oakland based Peralta District and the Feather River Community College District was formed. The first Board of Trustees was elected in November 1988.

Currently, the College offers 26 associate degrees, 12 transfer degrees, and several short-term certificate options. In 2015, Feather River College was selected to be one of the first California Community Colleges to offer a bachelor's degree; the College will offer the Bachelor of Science in Equine and Ranch Management starting in fall 2016. For students pursuing other advanced degrees beyond that in Equine and Ranch Management, many students continue their education at four-year colleges or universities. All lower-division general education requirements and many introductory major requirements can be completed at FRC in preparation for a bachelor's degree. These transferable classes parallel the freshman and sophomore courses offered at four-year schools.

The College participates in intercollegiate athletics that includes men's and women's basketball, soccer, and rodeo, men's football and baseball, and women's softball, volleyball, beach volleyball, and cross country and track.

Feather River College continually strengthens the institution through technology by maintaining an integrated management and student information system, providing access to the Internet, e-mail and desktop applications, supporting wireless access throughout campus, and increasing the efficiency and effectiveness of instruction and student support through alternative delivery methods. In addition, FRC is a community leader in green energy and sustainability.

In 2015, EDsmart ranked Feather River College as the top small school in California. The main factors considered in this ranking were graduation, transfer, and first-year retention rates, cost of attendance, and number of students on campus. FRC had both the highest graduation and transfer rate, as well as the highest first-year retention rate of all small colleges in California.

The College is fully accredited by The Western Association of Schools and Colleges.

## THE COLLEGE SETTING

Stretching over a mountainside richly forested with pine and oak, Feather River College is tucked away in one of California's hidden, quiet spots within Plumas County. Bordering Plumas National Forest, the over 400-acre campus hosts a variety of wildlife including a resident deer herd. Far removed from the bustle of city life, the campus provides a sanctuary for self-discovery, study, and relaxation.

Plumas County is a land of majestic, snowcapped mountains, lush valleys and scattered small towns. The College is located within walking distance of the picturesque town of Quincy where 5,500 residents enjoy a peaceful, unhurried lifestyle and exceptional services. Quincy's facilities include a library, hospital, theater, restaurants, churches, and shopping center. Recently, Quincy was voted as one of the "10 coolest small towns in America."



National forest covers about seventy percent of the county, creating a "million-acre classroom" - a natural laboratory for FRC's unique outdoor programs. Nearly 350 miles of marked trails wind through the area, including about 75 miles of the Pacific Crest Trail. In addition, over 1,000 miles of river and streams and more than 100 lakes provide a recreational wonderland.

Plumas County's four-season climate and miles of wide open spaces favor outdoor activities. Fall, summer and spring activities include hiking, biking, fishing, boating, tennis, golf, climbing, swimming, and horseback riding. When the snow falls, cross-country ski trails lead in every direction. Other local favorite activities include snow camping, ice skating, and snowmobiling.

## CAMPUS FACILITIES

In addition to the natural laboratory provided by the location of Feather River College, traditional facilities at the campus include:

- Lecture Classrooms, including outdoor Classrooms
- Science Classrooms/Lab Facilities
- Art Studio and Photography Laboratory
- Instructional Resource Center
- Learning Resource Center/Library
- Computer Labs including a Mac Lab - Open for Student Use
- High Tech Center with Adaptive Equipment, Alternate Media, and Assistive Technology
- Simulation Lab for Allied Health Programs
- Indoor Climbing Wall
- Multipurpose Gymnasium
- Sports Complex with Baseball, Softball, Soccer, and Beach Volleyball Facilities
- All-Weather Track and Football Stadium
- Athletics Field House
- Administrative and Student Services Offices
- Mental Health and Wellness Center
- Cafeteria and Student Lounge
- Campus Bookstore and Post Office
- Child Development Center and Preschool
- Three Student Housing Facilities

The campus also features the following unique facilities:

**Equestrian Center and Rodeo Grounds:** Home to the Agriculture, Equine Studies, Rodeo, Equine and Ranch Management Bachelor Degree Programs. The Agriculture Department consists of over 200 acres of a working ranch facility and pastures. The ranch property contains a working cattle operation complete with hydraulic livestock chute, holding pens, covered work area and a registered herd of Angus cattle. The equine facility consists of an 80 x 100 ft. heated indoor arena, 150 x 300 ft. outdoor arena, heated veterinary barn and breeding facility, round pens, mechanical cow arena, 60 individual student horse boarding stalls, a student study

area and computer lab and miles of trails to explore. The equine program has its own string of riding horses, registered Quarter Horse broodmares and stallions, and young horses in training that are utilized in the hands on courses. The Rodeo Grounds include a complete rodeo practice facility consisting of 140 x 240 ft. arena, a 70 x 100 ft. turn-back pen for bulls, feedlot for practice livestock, and 70 student horse boarding stalls.

**Fish Hatchery:** FRC is the only Community College in California to operate its own fish hatchery. The on campus hatchery provides practical hands-on experience in aquaculture methods. Students learn hatchery management by performing all the necessary tasks to operate an aquaculture facility from hatchery site selection and collecting eggs to transporting fish for stocking. The recirculating system and aquaponics greenhouse allow students to experience cutting edge technology used in aquaculture. The hatchery also offers several positions for student employment and volunteers. The experience students acquire will allow them to compete on a global scale for employment.

Most campus buildings are open from 7 a.m. to 10 p.m. Monday through Thursday, and 7 a.m. to 6 p.m. on Friday. Campus buildings are normally locked from 6 p.m. Friday to 7 a.m. Monday, except during weekend classes and special events. The campus is secured at the end of each day or evening session by college maintenance personnel, and is covered by a 24-hour-a-day security alarm for automatic response, which notifies the local law enforcement personnel.

## THE STUDENTS

Feather River College's average enrollment of 1,500 students allows for individual attention in the classroom and is embraced within our campus culture. This provides a unique opportunity for students to form lasting relationships. The College views its diverse student body as an important learning resource. The majority of students are from California and surrounding states. Students also attend from across the United States and other countries. As is the case with most California community colleges, some students are recent graduates from high school and others are returning after many years, balancing school with jobs and family obligations.

On campus, students enjoy a variety of extra and co-curricular activities designed to reflect the interests of the diverse student population. Activities include entertaining and educational events that promote cultural and social awareness. Events are sponsored by the associated student organization, other student driven clubs, the Diversity Committee, student support programs, music and drama classes, local artisan groups, and out-of-area performers.

## STUDENT RIGHT TO KNOW

**Completion and Transfer Rates:** Beginning in Fall 2011, a cohort of all certificate-, degree-, and transfer-seeking first-time, full-time students were tracked over a six year period. Their completion and transfer rates are listed below. These rates do not represent the success rates of the entire student population at Feather River College, nor do they account for student outcomes occurring after this six-year tracking period.

Based upon the cohort defined above, a Completer is a student who attained a certificate or degree or became 'transfer prepared' during a six-year period, from Fall 2014 to Spring 2020. Students who have completed 60 transferable units with a GPA of 2.0 or better are considered 'transfer-prepared.' Students who transferred to another post-secondary institution, prior to attaining a degree, certificate, or becoming 'transfer-prepared' during an eleven-semester period, from Spring 2015 to Spring 2020, are transfer students.

**Completion Rate: 31.8% | Transfer Rate: 21.07%**

More information about Student Right-to-Know rates and how they should be interpreted can be found at the California Community Colleges "Student Right-to-Know Information Clearinghouse Website," located at [srtk.cccco.edu/index.asp](http://srtk.cccco.edu/index.asp).

## CAMPUS SAFETY

### Student Safety

Feather River College makes every effort to provide a safe and secure environment for all members of the college community. All safety concerns, odd or unusual behavior, and/or criminal activities should be reported to the following people:

Safety Officer: (530) 283-0202, ext. 259/307 or (530) 394-7503

Campus Switchboard: (530) 283-0202, ext. 200

Library Assistant: (530) 283-0202, ext. 236 (5:00-8:00 PM)

More information about emergency notification methods including Public Safety Power Shutoff's is located on our website at <https://www.frc.edu/student-services/student-safety>

### Preventing Sexual Misconduct

#### Definitions

- The Violence Against Women Act (VAWA) protects people of all genders.
- Five types of sexual misconduct are: sexual assault, sexual harassment, dating violence, domestic violence, and stalking.
- Sexual Assault is defined as rape, fondling, incest, and statutory rape. Sexual harassment includes quid pro quo.

- California law defines a minor as a person under 18.
- Dating violence includes physical, psychological, or emotional abuse, or coercion in sexual activity without consent. Dating violence includes physical, psychological, or emotional abuse, or coercion in sexual activity without consent.
- Domestic violence can be committed by a former spouse or intimate partner or a person with whom you share a child.

#### Affirmative Consent Law (SB 967) - California Law

- Affirmative Consent is defined as an affirmative, conscious, and voluntary agreement to engage in sexual activity. Neither the lack of protest or resistance nor silence constitutes consent, and consent may be withdrawn at any time.
- Affirmative consent must be given by all parties to sexual activity.
- Under this law a student cannot consent if they are asleep or unconscious, incapacitated due to drugs/ alcohol/ medication, or unable to communicate due to a mental or physical condition. (Ed. Code, 67386, subd. (a) (4).)

#### Rights of the Victim/Survivor

The rights of any victim/survivor of domestic violence, dating violence, sexual assault or stalking on Feather River College property or while participating in college sponsored activities can be found at [www.frc.edu/student-services/documents/VictimRights.pdf](http://www.frc.edu/student-services/documents/VictimRights.pdf). This document includes contact information for College Personnel and Resource Agencies.

#### Reduce Your Risk of Sexual Violence

- Trust your instincts.
- Make your limits known as early as possible.
- Say "NO" clearly and firmly.
- Notice when your boundaries are not being respected.
- Assert your right to have those boundaries respected.
- Be "situationally aware" by taking note of your surroundings and who is present.
- Do not be afraid to ask for help in situations where you do not feel safe.

#### Be a Proactive Bystander in a Possible Incident of Sexual Violence

- Provide a distraction that interrupts an interaction.
- Directly engage one or more of the involved parties.
- Get law enforcement involved.
- Ask the person if he/she is okay and wants to leave.
- Make sure he/she gets home safely.
- Provide options and a listening ear.

### **Mental Health and Wellness Center**

Through the on-campus Mental Health and Wellness Center, Feather River College provides free and confidential counseling services for FRC students. Services include:

- Individual and Group Counseling
- Consultation and Outreach
- Programming and Workshops
- Crisis Intervention
- Referrals to Community Providers

Any FRC campus community member concerned about a student in distress may contact the Center at (530) 283-0202, ext. 234.

### **Crime Statistics at Feather River College**

Any criminal activity may be reported to the Switchboard Operator, (530) 283-0202, ext. 200 who will immediately contact the Safety Officer, appropriate administrator or other responsible authority. Offenses requiring intervention by law enforcement agencies should be reported directly to the Plumas County Sheriff's Office by dialing 911.

Criminal actions occurring on campus should be reported immediately and directly by campus authorities to the Plumas County Sheriff's Office. Investigation and any subsequent action on reports of campus crime will be handled as required by law and the relevant local law enforcement agency. The College may elect to pursue administrative and/or disciplinary action consistent with Board Policies, Education Code and/or Penal Code against students who are found guilty of crimes committed on campus or at college events.

Feather River College's crime statistics are reported to the Department of Education website: [ope.ed.gov/security](http://ope.ed.gov/security). At this site search on: Feather River Community College District, Quincy, CA.

# ADMISSIONS

## OPEN ENROLLMENT

The policy of Feather River College is that, unless specifically exempted by statute or regulation, every course, course section, or class reported for state aid, wherever offered and maintained by the College, shall be fully open to enrollment and participation by any person who has been admitted to the College and who meets any course prerequisites.

**Non-discrimination:** It is the policy of Feather River College neither to discriminate against, nor exclude from participation in any benefits or activities related to registration, enrollment, or any other phase of the instructional program or student activities, any otherwise qualified person on the grounds of ethnic group identification, religion, gender, gender identities, sexual orientation, age, color, or physical or mental disability.

## ELIGIBILITY FOR ADMISSION

Feather River College accepts for admission:

- Anyone over 18 years old; or
- Anyone under 18 years old who:
  - ◊ Has graduated from high school, passed the California High School proficiency test, or has a General Education Development (GED) Certificate.
  - ◊ High school and other young students with the approval of their parent/ guardian and school principal.

Students must meet special admissions requirements for eligibility to Licensed Vocational Nursing and the Bachelor Degree in Equine and Ranch Management.

## CONCURRENT ENROLLMENT OF HIGH SCHOOL AND OTHER YOUNG STUDENTS

High school and other young students who are under 18 and have not graduated from high school must complete a High School Co-Enrollment Student Permit /Registration form to enroll. Forms are available from area high school counseling offices, Feather River College website, and the Admissions & Records Office. All high school and other young students must have the approval of a parent/guardian, school principal, Feather River College counselor/advisor (academic classes only), and the Director of Admissions and Records. Special part-time high school and other young students may enroll up to 11 units for the fall and spring semesters, and 10 units for the summer session. Students below the 11th grade must also have instructor approval prior to

enrolling for classes. Registration opens for High School Co-Enrollment the same date as non-matriculated new student registration. Please see the Academic Calendar for registration dates. The standard enrollment fee is waived for special part-time students; however, the health, transit, and course/ material fees apply. .

All applicants who meet the eligibility requirements listed above will be accepted for admission to Feather River College. Prior to registration, new students must complete an online Application for Admission available on the Feather River College website.

## DUAL ENROLLMENT

Dual enrollment is a program that allows qualified high school students to earn college and high school credit while meeting graduation requirements. Students must be a high school student having the support of parents, principal and a high school counselor who verified appropriate college level capability based on assessment scores and/or program pathway. Dual enrolled courses are taught on the high school campus.

## RESIDENCY REQUIREMENTS

### Residence Classification

Residency classifications shall be determined for each student at the time of each registration and whenever a student has not been in attendance for more than one semester. Residence classifications are to be made in accordance with the following provisions:

- A residence determination date is that day immediately preceding the opening day of instruction for any session during which the student proposes to attend.
- Residence classification is the responsibility of the Admissions Office.

Students will be notified of residence determination within 14 calendar days of submission.

### Rules Determining Residence

- A student who has resided in the state for more than one year immediately preceding the residence determination date is a resident.
- A student who has not resided in the state for more than one year immediately preceding the residence determination date is a nonresident.

### Granting California Residency

California residency will be granted if all of the following criteria are met:

1. Evidence of physical presence in California for one year and one day prior to the residence determination date by providing documentation of continuous occupancy of rented or leased property in California or utility bill with a California residence.
2. Evidence of financial independence by providing state and federal tax returns where the student has not and will not be claimed as an exemption by his or her parent in the calendar year prior to the year the reclassification application is made.
3. Evidence of intent to make California the home for other than a temporary purpose by maintaining a California driver's license or California ID.

If all of the above criteria are not met, the student may provide additional evidence of intent to make California their home for other than temporary purposes. To do so the student must provide evidence for #1 above and four (4) items from the list below. Items must be obtained/dated by December 31<sup>st</sup> for residency classification the following fall semester and by May 31<sup>st</sup> for residency classification the following spring semester. The Residency Questionnaire, evidence and a written narrative describing their intent must be submitted to the Admissions and Records Office prior to the start of the semester for which the student seeks reclassification. The Residency Committee, whose membership includes the Chief Student Services Officer, Chief Instructional Officer, and Registrar, will then determine if there is a sufficient union of act and intent by reviewing the coupling of his/ her physical presence in California with objective evidence of intent, along with a personal explanation of how the student's evidence and intent fit together.

Objective manifestations of intent to establish California residence include, but are not limited to:

1. Evidence of financial independence by providing state and federal tax returns where the student has not and will not be claimed as an exemption by his or her parent in the calendar year prior to the year the reclassification application is made.
2. Evidence of intent to make California the home for other than a temporary purpose by maintaining a California driver's license or California ID.
3. Ownership of residential property or continuous occupancy of rented or leased property in California.
4. Registering to vote and voting in California.
5. Licensing from California for professional practice.
6. Active membership in California professional, religious, merchant, or service organizations or social clubs.
7. Presence of spouse, children, or other close relatives in the state.
8. Showing California as home address on federal income tax forms.
9. Payment of California state income tax as a resident.
10. Maintaining California motor vehicle license plates/registration.

11. Maintaining permanent military address, or home of record in California while in the armed forces.
12. Establishing and maintaining active California bank accounts.
13. Being a petitioner of divorce in California.
14. Remaining in California during academic breaks.
15. Registering for the Selective Service in California (indicating California address).

Physical presence within California solely for educational purposes does not allow a student to establish residence, regardless of the length of time present in the state. (ED 68043, T5 54022(c))

## **CALIFORNIA NONRESIDENT TUITION EXEMPTION FOR ELIGIBLE CALIFORNIA HIGH SCHOOL GRADUATES**

**(The law passed by the Legislature in 2001 as "AB 540")**

Any student, other than one with a United States Citizenship and Immigration Services (USCIS) nonimmigrant visa status (see exception below for students who have been granted T or U visa status), who meets all of the following requirements, shall be exempt from paying nonresident tuition at the California Community Colleges.

### **Requirements**

- The student must have:
  - ◊ Attended a high school (public or private) in California for three or more years, or
  - ◊ Attained credits earned in California from a California high school equivalent to three or more years of full-time high school course work and attended a combination of elementary, middle and/or high schools in California for a total of three or more years, and
- The student must have graduated from a California high school or attained the equivalent prior to the start of the term (for example, passing the GED or California High School Proficiency exam), and
- The student must file an affidavit with the college or university stating that he or she has filed an application to legalize his or her immigration status, or will file an application as soon as he or she is eligible to do so.

Students who are nonimmigrants who are victims of trafficking, domestic violence, and other serious crimes who have been granted T or U visa status, under Title 8 of the United States Code, sections 1101(a)(15)(T) or (U) are eligible for this exemption.

Students who are nonimmigrants, other than those with T or U visa status as noted above, [for example, those who hold F (student) visas, B (visitor) visas, etc.] are not eligible for this exemption.

The student must file an exemption request including a signed affidavit with the college that indicates the student has met all applicable conditions described above. Student information obtained in this process is strictly confidential unless disclosure is required under law. Students eligible for this exemption who are transferring to another California public college or university must submit a new request (and documentation if required) to each college under consideration. Nonresident students meeting the criteria will be exempted from the payment of nonresident tuition, but they will not be classified as California residents. They continue to be "nonresidents."

The California Dream Act extends Cal Grant A and B Entitlement awards, Cal Grant C awards, Chafee grants, and institutional financial aid to students that meet these criteria as well as the applicable criteria for eligibility for specific types of financial aid. AB540 does not provide federal student financial aid eligibility for undocumented students. These students remain ineligible for federal financial aid.

### Procedures for Requesting Exemption from Nonresident Tuition

Complete the form entitled *California Nonresident Tuition Exemption Request*. Submit it to the Admissions & Records Office with an official copy of your high school transcript. Additional documentation may be required. Call the Admissions & Records Office, (530) 283-0202. Ext 285 if you have questions.

## VETERANS ACCESS, CHOICE, AND ACCOUNTABILITY ACT (VACA) NONRESIDENT TUITION EXEMPTION

In compliance with Section 68075.7 of the California Education Code, Feather River College will grant a full exemption from the nonresident enrollment fee to all students verified to be "covered individuals" that are eligible to use Montgomery GI Bill ® Active Duty or Post-9/11 GI Bill ® education benefits (Chapters 30 and 33, respectively, of Title 38, U.S. Code) **while living in California.**

**GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at <https://www.benefits.va.gov/gibill>. Eligibility for VACA Nonresident Tuition Exemption:**

- Must be a "covered individual" as defined in the Veterans Access, Choice, and Accountability Act.
- Must start attending classes at FRC within three years of discharge from a period of active duty service of 90 days or more (of self or of eligible spouse or parent).
- Must provide evidence of eligibility for VA education benefits by providing a Certificate of Eligibility or Statement of Benefits issued by the

Veterans Administration or obtained via ebenefits, confirming the approved education benefits for the veteran student or eligible dependent.

- Eligible spouse or dependent must provide a copy of the Transfer of Entitlement approval form.
- Must provide a copy of form DD-214, Certificate of Release of Discharge from Active Duty.

For more information, please contact the Veterans Certifying Official located in the Financial Aid Office.

## INTERNATIONAL STUDENT ADMISSIONS

Feather River College welcomes applications from international students. Admission requirements conform to the regulations of the United States government for issuing F-1 visas.

### Admissions Requirements

The checklist below should be used for submitting an International Student Admissions Application and all supporting documents. Submit the requested information in English, adhere to date deadlines listed, and include a \$25.00 processing fee. The Application with supporting documents must be submitted by May 15th for the Fall semester and October 15th for the Spring semester. Receipt of the Application does not guarantee acceptance into Feather River College.

1. Submit an online International Student Admissions Application at the following URL: <https://frcforms.forms-db.com/view.php?id=28666>
2. Provide a Statement of Financial Information (requires you provide a copy of bank statement or letter from your bank verifying funds).
3. Provide High School, University, or College transcripts (in English).
4. Provide TOEFL score report (minimum computer based 180, PBL 500, iBT 65) for non English speaking countries.
5. Provide verification of Health Insurance that will cover you while in the U.S. or intention to purchase health insurance upon arrival in the U.S.

Send supporting documents (2-5) and processing fee to FRC Admissions & Records Office, 570 Golden Eagle Avenue, Quincy, CA 95971, USA, or email them to [Admissions-Records@frc.edu](mailto:Admissions-Records@frc.edu).

Completed application packets will be evaluated as they are received, on a first-come, first-served basis. If approved, an acceptance letter with a SEVIS Certificate of Eligibility (I-20) will be sent to the student. The I-20 form must be presented to the appropriate officials in order to obtain an F-1 Student Visa.

International students must declare a program of study that is approved by SEVIS, maintain full-time status by enrolling in and completing a minimum of 12 units each semester (only one online course allowed each

semester), maintain at least a 2.0 grade point average, and complete their academic program at Feather River College within six semesters. Failure to maintain a full-time status may lead to dismissal from the College and possible deportation from the United States.

International students may not arrive more than thirty (30) days prior to the semester they are attending and must arrive in time to attend New Student Orientation. On arrival, students must report to the Admissions & Records Office and present their Passport and F1 Visa.

## International Student Tuition

International students pay all required fees listed below. Students receive a bus pass that provides transportation in the local area. The parking fee is waived if a student does not own a vehicle.

All required fees must be paid in full by the first day of the semester of attendance.

### Required Fees for the 2022-23 Academic Year

(consult the website at [frc.edu](http://frc.edu) for any updates to these fees)

Nonresident Tuition Fee:	\$269 per unit
Standard Enrollment Fee:	\$46 per unit
Health Services Fee:	\$18 per semester; \$15 per summer session
Transportation Fee:	\$1.50 per unit
Student Representation Fee:	\$2.00 per semester (May opt out per Semester)
Parking Fee:	\$20 per semester; \$5 per summer session (Required if parking a vehicle on campus.)

### Baccalaureate Degree Program

Students accepted into the Bachelor Degree in Equine and Ranch Management will pay an additional \$84 per unit for upper division coursework.

### Optional Fees

Student Representation Fee:	\$2.00 per semester (May opt out per Semester)
Computer Printing Fee:	\$5 per 100 pages (first 50 pages free)
Transcript Fee:	First two are free; \$5 each thereafter; \$10 rush service or fax service

Pursuant to California Education Code, Article 9, Section 76140, nonresident tuition fees for foreign students may be exempted provided that the nonresident has demonstrated a financial need for the exemption, and that not more than 10 percent of the nonresident foreign students attending Feather River College receive an exemption. If the provision for an exemption of nonresident tuition fees is currently available, Feather River College will evaluate requests from applicants who document financial need for an exemption. There are no guarantees that an exemption will be granted. Requests

for an exemption are accepted the beginning of the fall semester. Students awarded exemptions for the fall semester must complete 12 units with a 2.0 grade point average to receive their second exemption for the spring semester.

Applicants selected for admission to Feather River College are responsible for their own housing. Student Housing information can be found at the following URL: [www.frc.edu/housing](http://www.frc.edu/housing).

## International Student Employment

International students may work on campus. Off-campus employment must be approved by the Homeland Security Department. A request must be filed by the college and a fee is assessed, however, the request does not guarantee that it will be approved. Students interested in requesting off-campus employment must consult with the Registrar or Chief Student Services Officer prior to applying for off campus employment.

For more information about the international student program at Feather River College, contact by email at [Admissions-Records@frc.edu](mailto:Admissions-Records@frc.edu), by phone at 011-1-530-283-0202, ext. 285, or by mail, 570 Golden Eagle Avenue, Quincy, CA 95971 USA.

## STUDENT RECORDS

All student records at Feather River College are maintained in the Admissions & Records Office in accordance with the provisions of the Family Educational Rights and Privacy Act of 1974. Copies of the Act are available to students in the Admissions & Records Office. All rights apply equally to currently enrolled and former students.

### Right to Review and Challenge

Present and former FRC students have the right to inspect, review and challenge the contents of all educational records related to them. Students who wish to inspect or challenge their records must make a request in writing to the Chief Instructional Officer.

### Privacy Rights of Students

Education records will not be released to any individual or agency without the written consent of the student, with the following exceptions:

- A student's records are open to college employees acting in the course of their duties and to state and federal officials as defined in Section 54618 of the California Administrative Code.
- The College may grant access to individual student records for emergency purposes and for court orders as permitted in Sections 54620 and 54622 of the California Administrative Code.
- The College may release certain "directory information" unless the student informs the Admissions & Records Office within 10 days after courses begin that certain, or all, of such information cannot be released without the student's consent.

## Directory Information

Directory information is information contained in an education record of a student that would not generally be considered harmful or an invasion of privacy if disclosed. It may include, but is not limited to, the student's name, address, telephone listing, electronic mail address, photograph, date and place of birth, major field of study, dates of attendance, grade level, enrollment status, participation in officially recognized activities and sports, weight and height of members of athletic teams, degrees, honors and awards received, and the most recent educational agency or institution attended.

### Directory information release by Feather River College

Student participation in officially recognized activities and sports including weight, height and high school of graduation of athletic team members

Degrees and awards received by students, including honors, scholarship awards, athletic awards and recognition for academic achievement

## Transcript Requests

- Transcript requests may be made by:
  - ◊ Visiting the student portal (MyFRC) and selecting the first option "Requesting Transcript" for the first two free transcripts, or
  - ◊ Selecting the second option for transcripts beyond the first two free, or
  - ◊ Completing a *Transcript Request* form in the Admissions & Records Office.
- Students can view and print unofficial transcripts through their student portal (MyFRC).
- There will be no charge for the first two official transcripts requested. Additional official transcripts are available for \$5 each. Additional fees are charged for official transcripts needed on a "rush" basis. Transcript fees are subject to change.
- Transcripts reflecting work completed at FRC prior to summer 1988 must be obtained from Peralta Community College District, 333 East 8th Street, Oakland, CA 94606.

## TUITION AND FEES

The required tuition, enrollment, health, transportation, and parking fees for 2022-23 are listed below. Consult the website at [frc.edu](http://frc.edu) for any updates to these fees and to view optional fees.

### California Resident Students

Standard Enrollment Fee: \$46 per unit

### Nonresident/International Students

Nonresident/International Tuition: \$269 per unit  
Standard Enrollment Fee: \$46 per unit  
-----  
\$312 per unit

## Baccalaureate Degree Program Students

### California Residents

Upper Division Coursework Fee: \$84 per unit  
Standard Enrollment Fee: \$46 per unit  
-----  
\$130 per unit  
(300 & 400 level courses)

### Nonresident/International Students

Nonresident/International Tuition: \$269 per unit  
Upper Division Coursework Fee: \$84 per unit  
Standard Enrollment Fee: \$46 per unit  
-----  
\$396 per unit  
(300 & 400 level courses)

### Fees Required of All Students

Health Services Fee: \$18 per semester  
\$15 per summer session

Transportation Fee: \$1.50 per unit

Parking Fee: \$20 per semester;  
\$5 per summer session  
(Required if parking a vehicle on campus)

### Optional Fees

Student Representation Fee: \$2.00 per semester  
(May opt out per Semester)

Computer Printing Fee: \$5 per 100 pages  
(first 50 pages free)

Transcript Fee: First two are free;  
\$5 each thereafter;  
\$10 rush service or fax service

## FEE REFUNDS

### If the balance is \$20 or more:

Student fee refunds for full-term courses will be processed automatically by the college for 100% of the balance for full-term courses dropped through the second week of courses. No refunds will be issued for full-term courses dropped after the second week of courses.

Refunds for half-term courses will be automatically processed for 100% of the balance for half-term courses that are dropped through the first week of courses. No refunds will be issued for half-term courses dropped after the first week of courses.

Refunds for short-term courses will be processed automatically for 100% of the balance for short-term courses that are dropped prior to the first class meeting. No refunds will be issued for short-term courses dropped after the first class meeting.

**NOTE:** If a student receives financial aid and then totally withdraws or drops from all courses, the student may be responsible to pay back some or all the financial aid received.

**If the balance is less than \$20,** the amount will be credited to the student for the next semester. Credits not used in the following semester will be written off.

The college will automatically process a full refund if the college cancels a class.



# BECOMING A SUCCESSFUL STUDENT

## GETTING STARTED AT FRC...

### FOLLOW THESE SIMPLE STEPS TO ENSURE YOUR SUCCESS AT FEATHER RIVER COLLEGE

*\*Indicates this step is required to be eligible for priority registration*

#### 1. Apply for Admissions

Apply at: [www.frc.edu](http://www.frc.edu), click on "Apply Now" at the top of the page. Within 1 to 2 business days you will receive an email welcome letter. This letter will have your FRC Student ID number which will be your "User ID" for your student portal "MyFRC" as well as the next steps to enroll.

#### 2. Apply for Financial Aid

Complete the Free Application for Federal Student Aid (FAFSA) or California Dream Act Application (CADAA). The FAFSA or CADAA can be completed online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov) or [dream.csac.ca.gov](http://dream.csac.ca.gov). You can check the status of your application by logging onto "MyFRC." If you have questions, contact the Financial Aid Office at 1-800-442-9799, ext. 603. Also search and apply for scholarships by visiting the Financial Aid website at [www.frc.edu/financialaid](http://www.frc.edu/financialaid).

#### 3. Request a Student Email

Click on the link in your welcome letter to request a Network Account. All students need a Network Account to receive a student email address, to login to computers on campus, and to login to Canvas, the college's learning management system that is used in most courses.

#### 4. Secure Housing

FRC is unique in offering student housing and facilities are located on campus and in town. If you plan to live in student housing, complete the *Student Housing Application and License Agreement* as soon as possible as housing fills quickly. The application and additional information is available on the FRC website under Student Housing. If you have questions contact the Student Housing Office at (530) 283-9414.

Information on rentals in the Quincy area can be found at [www.frc.edu/housing](http://www.frc.edu/housing).

#### 5. Send Transcripts\*

Notify your high school, previous college and/or advanced placement scores to send a copy of your Official Transcript to: FRC Admissions & Records, 570 Golden Eagle Ave, Quincy, CA 95971. Academic Advisors review previous coursework and overall GPA to assist with course placement. You will be allowed to register

initially with an unofficial transcript, but official transcripts must be received prior to registering for subsequent semesters, and for accepting transfer credit toward a degree.

#### 6. Complete Orientation\*

Click on the link in your welcome letter to complete the Online Orientation. In addition, we encourage you to attend the on campus New Student Orientation held the Friday before classes begin. This is a great opportunity to get acquainted with college life and obtain tips for academic success.

#### 7. Course Placement\*

Course placement is an important step along the path to academic success. It is the process of matching educational and career goals to the appropriate courses based on previous academic experience. High school or college transcripts, AP test scores, and other measures will be reviewed by an Academic Advisor/Counselor who will make course recommendations. No assessment test is needed.

#### 8. Meet with an Academic Advisor/Counselor\*

Call (530) 283-0202, ext. 313 or visit <https://www.frc.edu/advising/advisingappointment>, to schedule an appointment to meet with an Academic Advisor or Counselor. In the meeting you will review transcripts and other measures, select courses, and develop a Student Education Plan (SEP) which identifies the courses you need to take to achieve your academic goals.

#### 9. Enroll in Classes Using your MyFRC Student Portal

Remember that FRC Student ID Number? You need that number to log into your student portal. You can access your portal through the website; [www.frc.edu](http://www.frc.edu). Click on "MyFRC." Fill in your User ID (9 digit #) and PIN number. The first time you access MyFRC, your PIN will be your date of birth, MM/DD/YY. Click on the "Student" tab, click on the "Registration" link, and then go to "Look Up Classes." Enrollment is just a few clicks from there. Advisors/ Counselors can also walk you through this process.

#### 10. Pay Fees

Decide how you will pay your fees by choosing a payment plan option. Options include paying in full at the time of registration, paying in full by the 10th week of the semester, or verifying you have sufficient financial aid to cover your entire balance. You will be required to complete a "Tuition Payment Agreement" designating the payment option you plan to use.

## ENGLISH AND MATH PLACEMENT

All students have the right to access transfer level course work in English and math. Academic Advisors and Counselors use multiple measures, such as high school transcripts, to make recommendations that increase the likelihood that a student will complete transfer level English and math in one year. Feather River College offers English and math classes one level below college level. These classes can prepare a student for transfer level course work and depending on the educational goal, may be used to satisfy certificate or local degree requirements.

### English Placement

For students who have graduated from high school within the last 10 years:

- In compliance with AB 705, Feather River College uses multiple measures for course placement. Advisors and Counselors use high school transcript data along with student's education and career goal to determine English placement.

For Students with a GED, no high school diplomas or who graduated high school over 10 years ago:

- Assessment can be accomplished by completing guided self-placement with an Advisor or Counselor. They will ask you questions about your comfort with course content, discuss support options and other issues. This will help you determine the best placement level.

For current high school students interested in co-enrollment:

- High school students should talk with their counselor about taking English classes at FRC. Students will need their parent's & principal's signature and students below 11th grade must have written permission from the instructor to enroll in a class.

### Math Placement

College offers two math pathways: Statistics for Liberal Arts and Social Science majors and College Algebra through Calculus for those interested in Science, Technology, Engineering and Math. Students should choose a path based on their career and educational goals, and then determine the level at which to enter the math pathway.

## IMPORTANT THINGS TO CONSIDER

**Attend Day in the Mountains:** Plan to attend Day in the Mountains, which provides priority registration for new students starting in the fall. Meeting with an Academic Advisor in a group setting, enrolling in classes, and paying your fees can all be completed in one day. Day in the Mountains is typically the last Monday in April.

**Get an FRC Photo ID Card:** When you get to campus stop by the Admissions & Records Office to get your free student identification card. This card is updated

each semester with a validation sticker and entitles you to bus services through Plumas Transit Systems for in-county travel, health services with Plumas County Public Health Agency, and discounts on campus as well as in the community.

**Purchase a Parking Permit:** If you plan to park on campus, you must purchase a parking permit in the Admissions & Records Office. This permit must be displayed in the lower left hand corner of your vehicle windshield. Students living in student housing are required to purchase an additional permit from the dorm office.

**Download and Register for the FRC App:** The FRC app will provide you with emergency and urgent notifications, will keep you updated on upcoming events and activities, and help you stay connected with other students. Download from the App Store or Get it on Google Play at [frc.campusapp.com](http://frc.campusapp.com).

## ENROLLMENT PRIORITIES

Enrollment priority is provided for students enrolling at Feather River College for the purpose of degree or certificate attainment, transfer to a four-year college or university, or career advancement.

Registration priority shall be provided to students who have completed orientation, assessment, developed a student education plan with a counselor/advisor, and are in good academic standing. The order of priority is listed below:

1. Active-duty military, veterans, foster youth, homeless, CalWORKS, EOPS/CARE, DSP&S
2. TRIO students
3. New and continuing students who meet the criteria above
4. High school/Co-enrollment begins with open registration

Enrollment priority for any student shall be lost at the first registration opportunity for either of the following reasons:

1. The student is placed on academic and/or progress probation for two consecutive semesters and is subject to dismissal,  
**- OR -**
2. The student has earned 100 or more degree-applicable units at Feather River College excluding non-degree applicable English as a Second Language courses, basic skills courses, or special classes designed to address the educational limitations of students with disabilities excluding non-degree applicable English as a Second Language courses, basic skills courses, or special classes designed to address the educational limitations of students with disabilities.

Students who are placed on academic or progress probation, or who have earned 75% or more of the 100 unit limit will be notified of the potential for loss of enrollment priority.

## Enrollment Priority Appeals

Students may appeal the loss of priority enrollment status due to extenuating circumstances, or where a student with a disability applied for but did not receive reasonable accommodation in a timely manner. Contact the Admissions & Records Office for further information.

## CHOOSING COURSES

Every effort will be made by Feather River College to assist students in planning a program of study that will help them meet their academic and career goals. However, final selection of courses and completion of program requirements are the **responsibility of the student**.

Students are also responsible for maintaining standards of academic performance established for each course in which they are enrolled.

## Course Numbering System

The FRC numbering system generally identifies courses according to their basic purposes:

- 001 - 005 Non-degree applicable, non-transferable credit
- 006 - 099 Associate degree applicable, non-transferable credit
- 100 - 199 Freshman level transferable credit
- 200 - 299 Sophomore level transferable credit
- 300 - 399 Junior level transferable credit
- 400 - 499 Senior level transferable credit

Contact the Advising/Counseling Office for specific course transferability information.

## Adding Courses

Registered students may add courses to their semester class schedules the first two (2) weeks of full-term courses. Specific deadlines for first and second 9-week and short term courses are published in the Academic Calendar. Approval from the instructor is required for all full courses. Students must bring a completed "*Add Authorization*" form to the Admissions & Records Office for processing. Students are expected to be on time for classes and attend all sessions of each course in which they are enrolled.

## Dropping Courses

Students may drop courses from their semester class schedule through 75% of the course duration with a grade of "W" indicating official withdrawal on their academic record (transcript). Withdraw grades (W) will be counted towards units attempted and future requests to repeat a course. Courses dropped during the first two (2) weeks for full-term courses and the published deadlines for the first and second 9-week and short term courses will not be recorded with a "W" grade and may be refunded 100%. Specific deadlines for dropping courses are published in the Academic Calendar. Instructors may drop students for non-attendance up to 75% of the course; however, it is the **students' responsibility** to drop course and failure to do so may result in a failing grade. Dropping

courses may impact your financial aid; please contact the Financial Aid Office for additional information.

## Limitation of Load

Students may enroll for a maximum of 20 units per semester. To exceed the maximum unit enrollment students must petition and receive the approval of their Academic Advisor/ Counselor. The "*Petition to Enroll for More than 20 Units*" form is available on the Admissions & Records webpage or at the Admissions & Records Office. Petitions must be processed by the Admissions & Records Office before enrolling for more than 20 units.

## Overlapping Courses

Students may not enroll in courses or labs that have overlapping meeting times. An "*Overlapping Classes*" form requesting exception to this rule must be submitted to the Admissions & Records Office. The instructor of the course for which hours will be missed must approve the hours missed and state on the "*Overlapping Classes*" form the dates, days, and times that the hours will be made up. The "*Overlapping Classes*" form is available on the Admissions & Records webpage or in the Admissions & Records Office.

## Attendance

Regular attendance promotes success in course work and students are expected to attend all sessions of each class in which they are enrolled. Instructors set an attendance policy for each class and have the option of including attendance as class participation criterion. Any student enrolled in a course who does not attend the first two class meetings without prior notification to the instructor may be dropped as a no show by the instructor without notice.

## Absence Due to Illness

Students should notify their instructors if they will be unable to attend class due to illness. Students are responsible for making arrangements with their instructors to complete missed coursework.

## Class Cancellations

Courses listed in the current Class Schedule are subject to cancellation based on low enrollment. If a class is canceled, fees will be refunded automatically and every effort will be made to reschedule students to meet their academic goals. Early registration and attendance at first class meetings will help ensure continuance of scheduled courses.

## Medical Withdrawal

Students may officially drop all courses through 75% of the course duration with a grade of "W" indicating official withdrawal on their academic record (transcript). Withdraw grades (W) will be counted towards units attempted and future request to repeat a course. After the 75% date, students may withdraw for medical reasons. Students must complete an "*Official Withdrawal*" form available at the Admissions & Records Office or on the

Admissions & Records webpage, provide documentation from their doctor, and submit a completed "Official Withdrawal" form to the Admissions & Records Office for processing.

It is the **students' responsibility** to withdraw due to medical reasons and failure to do so may result in failing grades. All college property must be returned, and any outstanding debts to the college must be paid before the Admissions & Records Office will release FRC transcripts.

## Military Withdrawal

A student who is a member of an active or reserve U.S. military service and who receives orders compelling a withdrawal from courses may withdraw at any time during the semester and qualify for full refund of enrollment fees for any courses for which academic credit has not been awarded. The student must complete an "Official Withdrawal" form and attach a copy of military orders.

## Excused Withdrawal

An excused withdrawal ("EW") will not be counted toward the permitted number of withdrawals or counted as an enrollment attempt, nor will it be counted in progress probation and dismissal calculations. An excused withdrawal occurs when a student is permitted to withdraw from a course(s) due to specific events beyond the control of the student affecting their ability to complete a course(s) and may include a job transfer outside the geographical region, an illness in the family where the student is the primary caregiver, when the student who is incarcerated in a California state prison or county jail is released from custody or involuntarily transferred before the end of the term, when the student is subject to immigration action, or other extenuating circumstance making completing impracticable. In the case of an incarcerated student, an excused withdrawal cannot be applied if the failure to complete the course(s) was the result of the student's behavioral violation or if the student requested and was granted a mid-semester transfer. Upon verification of these conditions and consistent with the District's required documentation substantiating the condition, a withdrawal symbol of "EW" may be assigned at any time after the period established by the District during which no notation is made for withdrawals. In no case shall an excused withdrawal result in a student being assigned an "FW" grade.

## Independent and Directed Study

A student may, because of special circumstances, prefer to take a regularly offered FRC course through **independent study**. A student may also wish to take additional coursework in a field of study after having completed the sufficient courses within the field of study (as determined by the faculty member in the discipline) through **directed study**. Students must petition for independent and directed study courses with their instructor and the instructor submits the form electronically to the Office of Instruction for approval. Once approved, the Office of Instruction will notify Admissions & Records with the Course Reference Number (CRN) and Admissions & Records will process

the enrollment. An email will be sent to the student once the enrollment has been processed.

## Prerequisites

A prerequisite is a requirement for prior coursework, knowledge or skills that must be fulfilled by students before they may enroll in a course. Students who have equivalent experience may enroll in courses for which they have not fulfilled the prerequisite by consulting with their advisor. The advisor may consult with the instructor to determine if a prerequisite override is in the best interest of the student. If the advisor activates the override, the reason must be documented in the student's online record.

## Auditing Courses

Students may audit courses under the following conditions:

- Students are ineligible to enroll for credit because they have already taken a course the maximum number of allowable times, and
- The admission of audit students will not result in credit students being denied access.

**Auditing Registration Procedure:** Students must file a "Petition to Audit" with the Admissions & Records Office requesting permission to audit a course. The Admissions & Records Office must verify that the course has been taken the maximum amount of times. The instructor must sign the petition acknowledging that the student has his/her approval to audit the course. Auditing students will not be listed on the class roster. Final determination to permit a student to audit a course will be made by the Chief Instructional Officer, or a designee.

Completed petitions must be submitted to the Admissions & Records Office for fee assessment.

**Audit Fees:** A fee of \$15 per unit will be charged to audit, except as noted:

- Students enrolled in 10 or more units of credit courses at FRC will not be charged to audit 3 or fewer units. They will be charged to audit more than 3 units at the \$15 per unit rate.
- Individuals who are not currently enrolled at FRC may audit courses, but must pay the health fee. They may either pay the student health fee in addition to enrollment fees, or show evidence of medical and accident insurance.

**Audit Responsibilities:** Students who audit a course will be expected to participate in all class activities with the exception of examinations and must pay all course material fees.

## ALTERNATE WAYS TO EARN OR RECEIVE CREDIT

Feather River College recognizes the value of work completed at other accredited colleges and experience outside of the traditional classroom setting. Accordingly, college credit is awarded in the following areas.

## Transfer Credit

Students who have attended other colleges or universities may transfer credit to Feather River College. Transfer credits will be counted toward an associate degree or certificate if completed at a regionally accredited institution. To be eligible for transfer credit the student must be an admitted student working towards an associate degree or certificate, have all official transcripts on file in the Admissions & Records Office, provide a copy of the catalog description of the transferring course or a copy of the ASSIST Articulated Agreement, and submit a completed "Request for Evaluation of Transfer Coursework/Credit" form. The Registrar will evaluate transcripts and post eligible transfer coursework/credits to the student's Feather River College academic history.

**UP TO A MAXIMUM OF 32 ALTERNATE UNITS MAY BE AWARDED IN THE FOLLOWING CATEGORIES COMBINED.**

## Credit by Examination

Students are eligible to seek "credit by examination" in a maximum of six units worth of coursework if they:

- Are currently enrolled in at least one course other than the course to be challenged, have completed 12 units at FRC, and have a 2.0 or higher GPA in all college units attempted.
- OR -**
- Have completed coursework for which an articulation agreement exists between FRC and the student's high school.

Credit by examination will be based upon a comprehensive exam that is designed by the supervising faculty member to cover the content of the course. If a course includes extensive writing or laboratory exercises, these will be included in the comprehensive exam. There may be courses for which a comprehensive exam cannot be developed or administered. The student has the option of receiving pass/no pass, or a grade, and the course will be identified as a "Credit by Examination" on their transcript. Units for which credit is given shall not be counted in determining the 12 semester hours of credit in residence required for an associate degree.

Students may only challenge a course that is listed in the current catalog to be taken for credit by examination. Students may only challenge a course one time. If they fail the challenge, they will receive an F on their transcript; however, they have the option of repeating the course to remove the failing grade. Students may not challenge introductory or less advanced courses if they have successfully completed sequential, or the prerequisite courses, or advanced courses in the discipline. If a student has failed a course, he/she cannot challenge that course through credit by examination.

Credit by exam grading shall be according to the regular grading scale approved by the governing board, except that students shall be offered a credit-no credit option if that option is ordinarily available for the course. The standards for determining the grades received may differ from credit by exam at the discretion of the faculty

member. The grade is based on demonstrated proficiency in subject matter and the ability to demonstrate that proficiency.

Students must petition for "credit by examination" in the Admissions & Records Office during the first eight weeks of the semester in order to receive credit that semester. Exam fee is \$20.00 per unit and payable at the Admissions & Records Office before taking the exam.

The petition must be signed by an instructor qualified to teach the course a student requests and who has agreed to supervise the examination. Agreement to supervise the examination is at the discretion of the individual faculty member. Students should not enroll in the course that is to be taken through "credit by examination." Contact Admissions & Records for applicable fees.

## Veterans (Advanced Standing)

Upon presentation to the Admissions & Records Office of discharge papers (DD Form 214 - Member 4 copy) verifying one or more years of satisfactory service in the United States Armed Forces, veterans receive six (6) units of general elective credits. In addition, credit will be awarded for work satisfactorily completed under the training program of the armed forces according to the recommendation of the American Council on Education. Equivalent course and unit credit will be offered for courses listed on your Joint Services Transcript or Community College of the Air Force (CCAF) Transcript which parallel Feather River College offerings. Credits are posted to transcripts upon completion of all other graduation requirements. Students should request the Military Evaluation form from the Veterans Certifying Official or online at [www.frc.edu/financialaid/veterans](http://www.frc.edu/financialaid/veterans) and attach copies of their DD214 and Joint Services or CCAF Transcripts.

## Advanced Placement (AP) Credit

Feather River College awards credit for successful completion of certain Advanced Placement Examinations through the College Board. Students who submit Advanced Placement Score Reports with scores of three or higher, are granted up to 6 semester units of credit for each AP course applicable to degree and certificate requirements.

## College Level Examination Program (CLEP)

**Subject Examination:** FRC will award up to six (6) units of credit for each College Level Examination Program subject exam, except English, passed at the 50th percentile level or higher.

**General Examination:** Students may earn four (4) units of ungraded, elective credit applicable to the associate degree for each General Examination completed successfully. Minimum scores required for successful completion are:

Humanities	489	Natural Science	489
Mathematics	497	Social Science	488

Duplicate credit will not be awarded in the same area for both the Advanced Placement and the CLEP subject exams. In order to receive credit, students must request that official test results be mailed directly to Feather River College from the testing service. Credits are posted to FRC transcripts upon receiving test scores.

## GRADING SYSTEM

Evaluation of student achievement is made in relation to the attainment of specific course objectives. At the beginning of each course, the instructor will outline the course objectives and explain the basis upon which grades will be determined.

Grade		Grade points per unit
<b>A</b>	Excellent	<b>4.0</b>
<b>A-</b>		<b>3.7</b>
<b>B+</b>	Good	<b>3.3</b>
<b>B</b>		<b>3.0</b>
<b>B-</b>		<b>2.7</b>
<b>C+</b>	Satisfactory	<b>2.3</b>
<b>C</b>		<b>2.0</b>
<b>D+</b>	Passing	<b>1.3</b>
<b>D</b>		<b>1.0</b>
<b>F</b>	Failing	<b>0.0</b>
<b>FW</b>	Failing Withdrawal	<b>0.0</b>

The following designations are not included in computing grade point averages (GPA), but may be used in determining progress probation and dismissal.

<b>P</b>	Pass (at least satisfactory, units not counted in GPA)
<b>NP</b>	No pass (less than satisfactory, units not counted in GPA)
<b>I</b>	Incomplete (units not counted in GPA)
<b>IP</b>	In progress (class extends beyond term)
<b>RD</b>	Report delayed (units not counted in GPA)
<b>W</b>	Withdrawal (units counted in attempted units and towards repeatability)
<b>MW</b>	Military Withdrawal (units not counted in attempted units)
<b>EW</b>	Excused Withdrawal (units not counted in attempted units)

### Pass/No Pass

Students who do not wish to receive a letter grade may enroll in 3 units (or in one class exceeding 3 units) per semester on a Pass/No Pass basis.

- (P)** Credit will be awarded for work equivalent to a grade of "C" or better.
- (NP)** No Credit will be given for "D" or "F" work.
  - Students may not take courses in their majors on a P/NP basis except in cases where required courses are only available with a Pass/No Pass option.
  - A maximum of 12 units of P/NP grades may be applied toward completion of the Associate Degree.
  - Courses with P/NP grades may not be accepted by transfer institutions.
  - Once the P/NP has been designated it may not be converted back to a letter grade.

Students who wish to be graded on this basis must change this grade mode on their student portal (MyFRC) no later than 30% of the duration of the course. P/NP grades will be recorded on the student's permanent record and unit credit will be awarded. P/NP grades will not be used to compute a student's grade point average. However, units attempted for which a NP grade is recorded will be used in determining progress probation and dismissal.

*\*Feather River College does not use non-degree applicable credit course grades in calculating students' degree applicable GPA (β55758.5(b)).*

### Repeatability of Courses

A student may not repeat a course unless certain circumstances exist including, but not limited to:

- significant lapse of time;
- variable unit courses;
- active participatory courses;
- course repetition to alleviate substandard academic work;
- course repetition due to extenuating circumstances;
- Disability Support Program for Students (DSPS) subject-coded courses;
- course repetition of cooperative work experience; and,
- course repetition due to employment, training, or other legal requirements.

Courses that are repeated shall be recorded on the student's permanent academic record using an appropriate symbol. Annotating the permanent academic record shall be done in a manner that all work remains legible, ensuring a true and complete academic history. Students may not enroll in a course more than three times, except in limited circumstances defined in AP 4225. Enrollments include any combination of withdrawal(s) and grades(s). The student must file a *Petition to Repeat a Course* with the Admissions and Records Office prior to enrollment.

Administrative Procedure (AP) 4225 defines each of the circumstances listed. AP 4225, can be found on the FRC website at [www.frc.edu/administration/board-of-trustees](http://www.frc.edu/administration/board-of-trustees).

## Grade Point Average

A student's grade point average (GPA) is determined by the following formula:

$$\text{GPA: } \frac{\text{Total Points}}{\text{Total GPA hours (or units)}}$$

GPA is computed on an individual semester basis and on a cumulative basis that includes all work completed at Feather River College. At the time of graduation, grades received for college-level work at other institutions will be calculated and included in an overall GPA.

## Grade Reports

Semester grades are usually posted by individual instructors within a week following final exams. Students may check grades on their student portal (MyFRC). Official grade reports are no longer mailed. Transcript of grades will not be released to students who have outstanding financial obligations to the college, unpaid library fines, parking citations, equipment holds, or returned checks.

## Grade Changes

The determination of the student's grade by the instructor shall be final in the absence of mistake, fraud, bad faith, or incompetence. A student who feels that an instructor has given an evaluative grade based on one or more of these conditions, and has evidence to substantiate the claim, may pursue an appeal by following the Student Complaint and Grievance Procedures. Students requesting a change of grade on the basis of mistake, fraud, bad faith, or incompetence must begin the appeal process within one year from the end of the semester in which the course was taken.

## Incomplete Grades

- An incomplete grade of "I" may be given by the instructor in the event of an unforeseeable emergency and justifiable reason if a student does not complete all requirements of a course in the regularly designated time period.
- Students requesting an incomplete grade must complete a *Request for Incomplete Grade* form available at the Admissions & Records Office. The *Request for Incomplete Grade* form is a contract between the student and instructor that outlines the conditions the student must meet to receive a final grade, and a deadline for completion. The form will be kept on file in the Admissions & Records Office.
- An incomplete grade should be made up by the date designated by the instructor, but in no case later than one year from the end of the semester during which the agreement was filed.
- If the conditions of the request are not met within one year, the "I" grade will be changed to the grade indicated by the instructor on the form, or an "F" grade will be recorded if the instructor has not indicated otherwise.

- When the student has completed the course-work, the instructor will assign the appropriate grade on a *Request for Grade Change* form and submit it to the Chief Instructional Officer for approval. The Instruction Office will forward all grade change forms to the Admissions & Records Office for processing. The incomplete grade will then be replaced with the appropriate final grade.

## Scholastic Honors

Feather River College recognizes academic Honors for each semester and through annual acknowledgment of those who graduate with honors. In order to be eligible for the Honors List a student must earn a grade point average of 3.2, or higher, in one semester where 12 or more units are evaluated with letter grades.

Students who have completed all graduation requirements and have achieved a specified cumulative grade point average (GPA), which includes a minimum of 48 units in courses evaluated with letter grades, may be awarded the following levels of honors:

<b>Honors</b>	3.2 to 3.399 GPA
<b>High Honors</b>	3.4 to 3.599 GPA
<b>Highest Honors</b>	3.6 to 4.0 GPA

## GRADUATION

To receive a Bachelor of Science, Associate in Arts and/or Associate in Science degree or a Certificate students are required to submit a *Degree/Certificate Graduation Application* to the Admissions & Records Office by the end of the second week of the term for which they are applying. Students are advised to meet with an academic advisor/counselor their first semester to declare a major and complete a Student Educational Plan.

Official transcripts from all colleges previously attended must be submitted prior to the graduation review process. This process reviews coursework completed at FRC and, when applicable, applies transfer college coursework to the FRC's associate degree and major requirements. A *Request for Evaluation of Transfer Coursework/Credit* must be submitted to the Admissions & Records Office for review by the Registrar. Applicants will be notified of their transferring coursework/credits and eligibility for the degree.

The annual commencement ceremony is held at the end of the spring term. Students who have applied to graduate for the fall, spring, and summer terms are eligible to participate in the graduation ceremony. Students eligible to participate in the ceremony will receive information after their applications have been evaluated.

# FINANCIAL AID AND SCHOLARSHIPS

## FINANCIAL AID

The Feather River College Financial Aid Office has made every reasonable effort to ensure that the information published in this catalog accurately reflects current federal and state legislation. However, both federal and state financial aid legislation change frequently; check [www.frc.edu/financialaid](http://www.frc.edu/financialaid) and check with the FRC Financial Aid Office for the latest information.

*Financial Aid programs provide funds to students to help meet educational and living expenses while attending college.*

The Financial Aid Office is available to assist students in obtaining funds to help cover college costs. Financial assistance is available from the federal and state governments, Feather River College, and local organizations. Financial aid awards are generally based on the students' documented financial need, or in the case of scholarships, merit and/or need, and come in the following forms:

**Grants:** Federal or State assistance with no obligation for work or repayment.

**Scholarships:** Money that is awarded based on merit and/or need and does not have to be repaid.

**Work:** Federal Work-Study (FWS) provides part time job opportunities to students who have financial aid eligibility and show need. FWS gives students a chance to earn money to help pay for educational expenses and it provides valuable work experience.

**Loans:** Federal Subsidized, Unsubsidized and Parent PLUS loans which must be paid back with interest.

Meeting college expenses is a cooperative effort between the student, the student's family, and the federal government. The student and the student's family have the primary responsibility for financing the cost of their child's education, to the extent that the family can contribute. The student shares in this responsibility and is expected to contribute from savings, employment and, if necessary, from loans.

Financial aid programs such as scholarships, Pell grants, work-study jobs, and other state and federal grants and loan programs are designed to help students meet educational costs including enrollment fees, books and supplies, living expenses, transportation, and miscellaneous expenses.

Students must complete the Free Application for Federal Student Aid (FAFSA) to be considered for federal and state aid. The application is submitted electronically at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

To qualify for federal and state aid:

- Students must be U.S. citizens or eligible noncitizens.
- Students must have Social Security numbers.
- Male students over the age of 18 must be registered with the US Selective Service.
- Students must have a high school diploma or its equivalent, a GED, or have completed a high school education in a state-approved home-school.
- Students must be enrolled in a program offered at FRC for the purpose of completing an AA/AS degree or certificate program **that is eligible for financial aid**. Some certificate programs are not eligible.

The California Dream Application is for students who meet the qualifications of California AB 540. Both documented and undocumented AB 540 students can use the CA Dream Application to apply for private scholarships administered by FRC, Cal Grants, Chafee Grants and the California College Promise Grant. The California Dream Application is available at [www.dream.csac.ca.gov](http://www.dream.csac.ca.gov).

**NOTE:** The California Dream Application is processed in a manner very similar to the FAFSA as described on the following pages.

## FINANCIAL AID APPLICATION AND PAYMENT PROCESS

1. Students must complete a Free Application for Federal Student Aid (FAFSA) to be considered for any type of federal financial assistance. To complete the FAFSA, students and parents must sign it electronically with their respective Federal Student Aid User ID (FSA ID). Students and parents can create an FSA ID at [fsaid.ed.gov](http://fsaid.ed.gov). The FSA ID will allow a student and/or parent to submit and sign an application electronically, make corrections, check the status of their application, and access a pre-filled renewal FAFSA. Applications of dependent students MUST include a parent's signature. The application or renewal application must be filed annually at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).



**In order for FRC to receive the application, the FRC school code 008597 must be included on the FAFSA.**

2. Students receive their Student Aid Report (SAR) from the federal government within a couple of weeks after submitting the FAFSA. If the student's email address is entered on the FAFSA, the SAR will be sent to the student via email. After reviewing the SAR any errors should be fixed immediately by making corrections to the FAFSA at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).
3. Once FRC has received your official FAFSA from the federal government, the Financial Aid Office will send out an email confirming the FAFSA has been processed as well as instructions to login to MyFRC to check the list of requirements. All students are required to answer online questions. Some students are required to submit additional information such as tax return transcripts and a verification worksheet if the federal government selected your file for verification. The award will be finalized only after all required documentation has been received and reviewed by the Financial Aid Office staff. Additional information may be requested at any time, and students are notified of eligibility changes, should they occur.
4. The Financial Aid Office disburses student aid into student accounts starting at the beginning of each term and continuing weekly throughout the year. The timing of any given student's aid disbursement depends on when the student completes the required documentation, when the Financial Aid staff is able to finalize the file, and on what type of aid the student is receiving.
5. Pell Grants are disbursed in two payments each semester. Loans for first-time borrowers are disbursed the sixth or seventh week of the semester. Also, single-semester student and parent PLUS loans are disbursed in two parts during the semester. Details are available on the Financial Aid Calendar available at [www.frc.edu/financialaid](http://www.frc.edu/financialaid).
6. Fees or charges owed to the college will be deducted from the financial aid disbursement and a refund will be issued to the student for any remaining balance. Financial aid refund checks are produced by Student Accounts and distributed by Admissions & Records; photo ID is required at the time of check pickup.

## **FINANCIAL AID FUNDING PROCEDURE AND PRIORITIES**

FAFSAs may be submitted throughout the award year; however, they should be submitted to the federal government by March 2nd prior to the start of the next academic year to ensure consideration for Cal Grants for California residents.

1. The Expected Family Contribution (EFC) is calculated based on the federal need analysis. Feder-

al Pell Grant, Federal Supplemental Educational Opportunity Grant (FSEOG), Federal Work Study, CalWORKs, and EOPS Work Study, are awarded on the basis of financial need. The Cost of Attendance minus the EFC equals the student's financial need.

2. Priority in the awarding of Federal SEOG is given to those students who demonstrate exceptional financial need.
3. Federal student loans and parent PLUS loans are available to ALL students, regardless of need.

## **FINANCIAL AID SATISFACTORY ACADEMIC PROGRESS POLICY**

Federal regulations require that all students receiving Title IV aid meet or exceed the Satisfactory Academic Progress Policy established at that institution. It is the established policy at Feather River College that the Financial Aid Office will evaluate a recipient's progress at the end of each semester (fall, spring, and summer). This progress evaluation includes all semesters of attendance at FRC, regardless of whether or not a recipient received financial aid for those semesters. Progress also includes all units attempted at FRC and all units from other schools transferred to FRC, regardless of whether or not financial aid was received during the time the student earned the units.

### **Ability to Benefit**

Criteria mandated by the Federal Department of Education states that, in order to receive federal financial aid a student must be qualified to study at the post-secondary level. For Student Financial Aid purposes, a student with a high school diploma or an equivalent such as a GED certificate, is considered qualified. While new students can no longer become eligible by passing an approved "ability-to-benefit" test, students who were enrolled in an eligible educational program of study before July 1, 2012 may continue to be considered eligible.

### **Academic Requirements**

Students must be enrolled in an eligible program for the purpose of completing an AA/AS degree, a transfer program, or a certificate program.

### **Progress Standards**

The FRC Financial Aid Office will evaluate student's academic progress at the end of each semester following the completion of the official posting of ALL grades for ALL students by the FRC Admissions & Records Office. Students must maintain a 2.0 or higher cumulative grade point average (GPA) and are required to maintain a satisfactory pace in progressing toward their certificate or degree. Pace is determined by computing the percentage from the academic record of cumulative units earned divided by cumulative units attempted. The resulting pace must be 67% or higher. Remedial courses are included in the cumulative GPA and pace calculations along with all other courses. Repeated course attempts also count toward the student's pace and maximum timeframe. Students are expected to

earn their certificate or associate degree before they have attempted 150% of the published length of the program (maximum timeframe). A student reaches maximum time frame after having attempted the credit hour equivalent of 150% of the program hours required for the current degree or certificate.

<b>BA:</b>	<b>180 attempted units</b>
<b>AA, AS, Transfer:</b>	<b>90 attempted units*</b>
<b>Certificate Program:</b>	<b>52 attempted units*</b>
<b>LVN:</b>	<b>120 attempted units</b>
<b>LVN Certificate:</b>	<b>85 attempted units</b>

*(\*Maximum units may vary according to individual program)  
A maximum of 30 remedial credits may be excluded from this limitation.*

All courses the student has received a grade for on the transcript, including A, A-, B+, B, B-, C+, C, D+, D, EW, F, FW, I, IP, NP, P, RD, or W grades, count in the maximum time frame attempted hours calculation. As a courtesy, students who are close to reaching their maximum timeframe will receive an "alert" notice. Once a student reaches maximum timeframe, he/she will be disqualified from receiving further financial aid.

### **Financial Aid Warning**

Students who drop below a cumulative 2.0 GPA and/or who do not earn 67% of their cumulative attempted units will be placed on Financial Aid Warning for the next semester they enroll at FRC.

Students on Financial Aid Warning will continue to receive their financial aid during the semester they are on warning. Students who are on Financial Aid Warning for a semester are expected to regain Financial Aid Satisfactory Academic Progress status by the end of that semester.

### **Financial Aid Disqualification**

Students put on Dismissal by the Registrar immediately become ineligible for financial aid. Financial Aid Warning students who do not meet both the minimum 2.0 cumulative GPA requirement and/or 67% pace at the end of their Financial Aid Warning semester become ineligible for financial aid. Students that have reached their maximum timeframe become ineligible for financial aid. Financial Aid Disqualified students will be sent an email informing them of their Financial Aid Disqualified status and will also be given the opportunity to appeal for reinstatement of their financial aid eligibility.

Disqualification from Financial Aid does not prevent students from enrolling without financial aid if they are otherwise eligible to continue their enrollment.

### **The Appeal Process**

Financial aid students that were disqualified due to GPA or Pace may appeal for reinstatement of their financial

aid eligibility by completing a "Satisfactory Academic Progress Appeal Form." Financial aid students that were disqualified due to Program Completion or Maximum Timeframe may appeal for reinstatement of their financial aid eligibility by completing a "Maximum Credit Appeal Form."

The Financial Aid Appeal Committee will review each complete and timely appeal and will make a decision whether or not to approve the appeal and to restore the student's eligibility to receive financial aid at FRC. The student will be notified of the decision by email. Committee decisions are final.

### **Financial Aid Probation**

Students whose appeals are approved are placed on Financial Aid Probation for one or more subsequent semesters for which they enroll at FRC. Students on Financial Aid Probation will receive their financial aid during the semester(s) they are on Financial Aid Probation.

Students who are on Financial Aid Probation are expected to regain Financial Aid Satisfactory Academic Progress by the end of their probationary period. Students on Financial Aid Probation who are given Academic Plans as part of the appeal approvals are expected to meet the requirements of their Academic Plans at the end of each semester. Failure to meet the requirements of any Financial Aid Probation semester will result in automatic Financial Aid Disqualification at FRC.

### **Regaining Eligibility**

Students who fail to meet these Financial Aid Satisfactory Academic Progress Standards and who choose to enroll without benefit of financial aid may request a review of their academic records after any semester in which they are enrolled (without the receipt of financial aid) to determine whether they have met the financial aid satisfactory academic progress standards. If the standards are met, financial aid eligibility is regained for the next semester of enrollment at FRC.

### **Grade Change**

It is the **student's responsibility** to notify the Financial Aid Office of a grade change at the time it is made in the Records Office. The Financial Aid Office will evaluate the student's transcript to determine if they have regained financial aid eligibility due to the grade change.

### **Loss of Eligibility for the California College Promise Grant**

A student shall become ineligible for the California College Promise Grant if the student is placed on Academic or Progress Probation, or any combination thereof, for two consecutive primary terms (fall, spring). Loss of eligibility shall become effective at the first registration opportunity after such determination is made.

### **Notification of Academic or Progress Probation Status**

Students will be notified by email of their placement on Academic or Progress Probation no later than thirty days following the end of the term that resulted in the student's placement on probation. The notice will clearly state that two consecutive primary terms of probation will lead to a loss of the California College Promise Grant until the student is no longer on probation.

### **Notification of Loss of Eligibility for the California College Promise Grant**

Students will be notified by email that they are no longer eligible for the California College Promise Grant, after being placed on Academic or Progress Probation for two consecutive primary terms of probation.

### **Appeal Process for Loss of Eligibility for the California College Promise Grant**

Students may appeal the loss of the California College Promise Grant due to extenuating circumstances, or when a student with a disability applied for, but did not receive, a reasonable accommodation in a timely manner. Extenuating circumstances are verified cases of accidents, illnesses, or other circumstances that might include documented changes in the student's economic situation or evidence that the student was unable to obtain essential student support services. Extenuating circumstances also includes special consideration of the specific factors associated with Veterans, CalWORKs, EOPS, and DSPS student status. Foster Youth, former Foster Youth no older than age 25 shall not be subject to loss of the California College Promise Grant due to placement on Academic or Progress Probation.

Students may appeal for reinstatement of their California College Promise Grant eligibility by completing a "California College Promise Grant Appeal Form." The Financial Aid Appeal Committee will review each complete and timely appeal and will make a decision whether or not to approve the appeal and to restore the student's eligibility to receive the California College Promise Grant at FRC. The student will be notified of the decision by email. Committee decisions are final.

Students whose appeals are approved are eligible to receive the California College Promise Grant during the semester that he/ she lost California College Promise Grant eligibility.

### **Regaining Eligibility for the California College Promise Grant**

Students who do not appeal or whose appeal is not approved, will not regain eligibility for the California College Promise Grant until they are no longer on Academic or Progress Probation, or after not attending FRC for two consecutive primary terms (fall/spring).

## **RETURN OF TITLE IV (R2T4) FUNDS POLICY**

### **COMPLETE WITHDRAWAL FROM CLASSES FOR A SEMESTER**

Federal aid recipients who begin attendance in a given semester and withdraw from school before completing 60% of the semester may be subject to repayment of federal aid, called "Return of Title IV Funds". "Withdrawal" includes students who submit withdrawal forms as well as students who drop all classes, are dropped by all instructors, or do not earn any units for the semester. The Financial Aid Calendar is available at [www.frc.edu/financialaid](http://www.frc.edu/financialaid).

Federal formulas are used to determine how much financial aid a withdrawn student has "earned," unearned funds must be returned. If the amount disbursed to the student is less than the amount the student earned, and for which the student is otherwise eligible, he/she may be eligible to receive a post-withdrawal disbursement. Under federal regulations, the school and/or the student may be responsible for returning funds to the federal government.

Return of Title IV Funds calculations must be completed within 30 calendar days of the date of determination of complete withdrawal and must be returned to the program from which the funds originated, in the following order:

- Direct Unsubsidized Loan
- Direct Subsidized Loan
- Direct Plus Loan
- Pell Grant
- FSEOG
- Other Title IV programs

### **Funds the Student is Responsible to Return**

Once FRC notifies the withdrawn student that s/he is responsible for repaying some of the aid previously received, the student will have 45 calendar days to repay these funds in a single payment to the college who will then return the funds to the Federal Government. If the obligation is not resolved within 45 days of the notification, the unearned funds will be reported to the National Student Loan Data System (NSLDS) as an overpayment and the student will be ineligible for Title IV funds (such as Pell Grant, FSEOG, Direct Loans) at any institution until this overpayment is resolved.

### **Funds the College is Responsible to Return**

The college will return to the Federal Government any funds the institution is responsible to repay due to the student's complete withdrawal, within 45 calendar days of the R2T4 calculation. FRC will then bill the student on the student billing account in order to recover funds returned to the government. In addition to owing monies to the college, a hold will be placed on the student's account, which will prevent registration and the release of transcripts. The student will also be given a deadline to make repayment, after which the student will be referred to collections.

## POSSIBLE OVERPAYMENT OF FEDERAL AND/ OR STATE FINANCIAL AID DUE TO CHANGE IN ENROLLMENT

Each semester has a financial aid enrollment revision deadline. The amount of Pell Grant and Cal Grant a student is eligible to receive for the semester will correspond to the student's enrollment on the revision deadline. However, if a student receives financial aid based on a particular number of units and later drops units before a short-term class begins and/or is no show dropped from a class resulting in a reduction in level of enrollment, the student may owe a repayment. Summer has no revision deadline; all summer drops without a "W" impact summer eligibility. The Financial Aid Calendar is available at [www.frc.edu/financialaid](http://www.frc.edu/financialaid).

FRC will send emails to students who have received overpayments for the semester, notifying the students that they are responsible for repaying some of the aid previously received. Students with overpayments will have a specified time frame to (1) repay these funds in full to the college or (2) let the college know that they would like to make satisfactory repayment arrangements with the federal government. If the student does not take care of this matter within 30 days, the debt will be referred to the federal government for collections which will result in the student becoming immediately ineligible for Federal Aid at FRC and all other colleges in the country.

Contact the Financial Aid Office for more information on overpayment of funds and how it may affect your future eligibility for financial aid.

## FEDERAL PROGRAMS

### Pell Grants

Eligibility for the Pell Grant is determined by the federal government from the FAFSA. The amount of Pell Grant a student is eligible for (if any) is directly correlated to the Expected Family Contribution (EFC). The Pell Grant has a lifetime maximum for each student of the equivalent of six full-time academic years (or 12 full-time semesters).

### Supplemental Educational Opportunity Grants (SEOG)

Supplemental Educational Opportunity Grants are for students with the most financial need. Awards are made on a first-come, first-served basis until available funds are exhausted.

### Federal Work Study (FWS)

The Federal Work-Study funding received by Feather River College is awarded to some of the students employed on campus who have financial aid eligibility and show need. Students are paid at least the current minimum wage.

### Federal Direct Loan Program

Stafford Loans offered at FRC are Federal Direct Loans that are low interest loans made to students enrolled in at least 6 units (half-time enrollment). The loan funds come directly from the federal government, and are offered as subsidized and unsubsidized. Subsidized loans are offered to students with financial need; unsubsidized

loans are available to all students. Students who borrow subsidized loans are required to earn their degree or certificate within 150% of the time required to complete their program at FRC. Not completing the program within the 150% timeframe results in the students' existing subsidized loans losing the subsidy and in the student no longer being eligible to borrow subsidized loans for the current program. Students must repay loans; Federal Direct Loans offer flexible repayment terms. Repayment begins 6 months after the student discontinues their study program, graduates, or drops below half-time enrollment.

### Federal Direct Parent PLUS Loans

Federal Direct Parent PLUS loans are available to assist families of dependent students in meeting the costs of education. The borrowers for these loans are the parents who apply for them, not the students. PLUS loans do involve a credit check through the federal government.

If a parent applies for and is not approved for a parent PLUS loan, the student is eligible for some additional student loan funds.

## STATE PROGRAMS

### Fee Waivers

The waiver of student fees provided by the California College Promise Grant Program is designed to ensure that the fee policies of the California Community Colleges (CCC) are not a financial barrier to education for any California resident or eligible non-resident. Enrollment fees are waived for eligible students as defined by the California College Promise Grant program.

Students may apply for a California College Promise Grant using the Free Application for Federal Student Aid (FAFSA), the California Dream Act Application, or a separate California College Promise Grant application along with supporting documentation.

Students can be determined eligible in one or more of the following three primary parts of the California College Promise Grant program as well as special classifications described below:

#### Part A:

Students receiving TANF/CalWORKS, SSI/SSP or General Assistance as well as those identified under the Special Classification categories. Please Note: Eligibility for Part A is confirmed by independent students if the benefits are received by the student in their name and for dependent students if the parent(s) received benefits as a primary source of income. Documentation: Verification that he or she is a current recipient of TANF, SSI/SSP, or General Assistance.

#### Part B:

Students who meet low-income criteria. Income levels are adjusted annually based upon the federal poverty guidelines published by the U.S. Department of Health and Human Services. Documentation of the student's (if independent) or parent(s) (if dependent) income is required.

**Part C:**

Students whose demonstrated financial need, based on an EFC from the FAFSA or CADAA, is at least equal to the enrollment fees for a full-time student (12 units per semester), the minimum need is \$1,104.

**Part D:**

Eligibility is for students who, at the time of enrollment, are a homeless youth as defined in the federal McKinney-Vento Homeless Assistance Act and are under 25 years of age, have been verified as homeless at any time during the 24 months immediately preceding the receipt of their application for admission. Contact the homeless liaison located in the Financial Aid Office for more information.

**Special Classifications:**

- Dependents of veterans
- Congressional Medal of Honor recipients and their dependents.
- Surviving dependents of the September 11, 2001 attacks.
- Dependents of law enforcement or fire suppression personnel
- Dependents of California National Guard Members

**College Tuition Fee Waiver (CALVET):**

To apply for a College Tuition Fee Waiver for veterans and their dependents, download the application on the CalVet website at [www.calvet.ca.gov](http://www.calvet.ca.gov), then take the completed application to your local County Veterans Service Office for processing. You may also contact the Office of Veterans Services on campus at [veterans@frc.edu](mailto:veterans@frc.edu) or by phone (530) 283-0202 ext. 603 for more information.

**Cal Grants**

Cal Grants are California state-funded grants that may be applied toward meeting educational expenses at California colleges. Students must complete the Free Application for Federal Student Aid (FAFSA) or the California Dream Act Application prior to the March 2nd deadline, be a California resident or qualify under AB 540, have graduated from a California high school, or passed the GED or High School Equivalency test as well as meet other eligibility criteria. For more information about the Cal Grant program you may visit [www.csac.ca.gov](http://www.csac.ca.gov).

**Cal Grant A:**

May be used at four-year colleges or community colleges that offer a Bachelor's Degree, and may be granted and held in reserve for students attending community colleges with the intention of transferring. Grants are awarded based on merit as well as financial need.

**Cal Grant B:**

May be used at both two and four-year colleges, and may be awarded to part-time students. Grants are awarded based on merit, disadvantaged background, and financial need.

**Cal Grant C:**

For students enrolled in two-year vocational programs at two or four-year colleges. Part-time students may apply for this grant, which is awarded on the basis of financial need, vocational interests, and merit.

Students can check the status of their Cal Grant applications and awards at [mygrantinfo.csac.ca.gov/logon.asp](http://mygrantinfo.csac.ca.gov/logon.asp).

**Student Success Completion Grant (SSCG)**

The Student Success Completion Grant (SSCG) is a financial aid program for Cal Grant B and C recipients attending a California Community College full-time (12 units or more). On top of the Cal Grant B or C award paid at community colleges, the Student Success Completion Grant pays full-time Cal Grant B or C recipients a maximum of \$1,298 annually at \$649 per semester for eligible students who enroll and attend 12 through 14.99 units per term and a maximum of \$4,000 annually at \$2,000 per semester for eligible students who enroll and attend 15 units or more per term. The purpose of the SSCG grant is to provide students with additional financial aid to help offset the total cost of community college attendance, and to encourage full-time attendance and successful on-time completion.

**Chafee Grants**

The California Chafee Grant Program provides funding to youth that are currently or were in foster care between the ages of 16-18 to use for career and technical training or college courses. The Chafee Grant Program, also known as the Education and Training Voucher (ETV), is a federally and state funded program and is subject to the availability of federal and state funds each year. Additional information can be found at [www.chafee.csac.ca.gov](http://www.chafee.csac.ca.gov) as well as visiting the Foster Youth Liaison on campus located in the Financial Aid Office.

**SCHOLARSHIPS**

Feather River College and the FRC Foundation offer a variety of scholarships for students who are entering or transferring to FRC and for continuing students. The college offers a single application packet for students to use to apply for both college and FRC Foundation scholarships. Application packets for scholarships for the next academic year are made available to students each spring; all entering, transferring in, and continuing students are encouraged to apply.

The FRC Financial Aid Office also makes applications available for outside scholarships from the local community and elsewhere when the sponsoring organizations provide the college with their information. In addition, the Financial Aid Office maintains information on a variety of scholarship websites and search engines.

Scholarship applications and information are available both in the Financial Aid Office and on the Financial Aid website at [www.frc.edu/financialaid/Scholarships](http://www.frc.edu/financialaid/Scholarships).

# STUDENT AND INSTRUCTIONAL SERVICES

## STUDENT LEARNING OUTCOMES FOR STUDENT SERVICES

1. Prospective students will learn about the unique opportunities and advantages available at FRC, and will make an informed decision to apply.
2. Students will demonstrate their ability to open the doors to education by learning how to access college resources, understanding their math, reading, and English needs, and using the tools available for self-registration.
3. Students will develop and demonstrate awareness in handling their financial responsibilities for all college expenses, and will take advantage of the resources to pay all expenses.
4. Students will develop resilience and resourcefulness empowering them to persist in attaining academic and personal goals.
5. Students will access available resources within the campus and community to enhance their sense of belonging.
6. Students will explore transfer options, write a student education plan, select a transfer institution, and successfully transfer and/or find employment in their field and advance in their career.

## ACADEMIC ADVISING/TRANSFER

Entering students meet with an advisor or counselor before registering to identify educational and career goals and to develop a schedule of classes and a long-range, individualized Student Education Plan (SEP). Assessment scores, high school and/or college transcripts are used to help in this process. Preparation of an SEP helps ensure that students will meet all associate degree, transfer and/or certificate program requirements in a timely manner. Students who have completed 15 units of college credit are required to have a completed comprehensive SEP on file, which should be updated every semester. Student athletes and students receiving financial aid must have an SEP on file to maintain eligibility. Advisors/Counselors monitor the student's progress toward academic goals on an ongoing basis.

### Academic Advising

Academic advising is available to all students whether they have defined goals in a specific major or vocational subject area, or are undecided and need help selecting a program or major. Advisors/Counselors will use the College Catalog to provide students with discipline-specific information that includes the sequence of courses necessary for graduation or transfer. Advisors/Counselors are available on a drop-in or appointment

basis.

An academic/athletic advisor specializes in advising student-athletes concerning NCAA I, NCAA II and NAIA transfer eligibility requirements and works to assure that student athletes remain eligible. All student athletes are required to have a completed Student Education Plan (SEP) on file their first semester. The SEP should be updated every semester.

Students should talk to faculty in their major about course sequencing, transfer options and employment opportunities in their field of study.

### Advising for Transfer

The FRC Transfer Center offers a variety of materials to help students make informed educational choices. Assistance is available to help students, through interest, ability and value inventories, to determine their best career options and, therefore, their appropriate major. Once the student is ready to transfer, the Transfer Center sponsors activities that include hosting four-year college representatives, field trips to different colleges and universities, transfer workshops, transfer agreements, a catalog library, and assistance with web site navigation and other transfer questions.

**Transfer Program:** The Feather River College transfer program is designed for those students who would like to complete their first two years of college in an affordable, supportive, small school setting and then transfer to a four-year college to complete a bachelor's degree. The transfer program is designed to parallel lower-division courses offered for freshman and sophomore students at four-year colleges and universities. Lower-division college work consists primarily of general education classes which can be completed and certified at Feather River College. Because Feather River College is accredited by the Western Association of Schools and Colleges, all public California colleges and universities—and most other schools in the country—will accept these certified general education credits when a student transfers to another college.

Students may also complete a variety of lower-division courses at Feather River College that satisfy major requirements or prerequisites at the school to which they intend to transfer. Four-year institutions and their departments limit the number of units in a specific major which may be taken at the lower-division level. Transfer students should work closely with college advisors/counselors, and consult the current catalog of the college to which they wish to transfer, to identify specific lower-division major requirements and plan a course of study. The final responsibility for class selection and program completion rests with the student.

In general, California four-year colleges and universities require that students complete at least 60 transferable semester units at the community college before they transfer. Usually up to 70 units of community college credit may be applied toward a bachelor's degree, which generally requires 124-132 units. With careful planning, most Feather River College students can qualify for admission to full junior class status when they transfer to other colleges, and concurrently fulfill Associate Degree requirements for graduation from Feather River College.

**Transfer Classes:** Transferable FRC classes have course numbers that range from 100 to 299. Courses numbered in the 100's generally parallel those offered at the freshman level, and courses numbered in the 200's are generally sophomore level classes. If such courses meet the general education requirements at the transfer school, or are appropriate to a student's major, they will usually be accepted by the transfer school for full credit value. Occupational, vocational and technical courses numbered from 006-099 are Associate Degree applicable courses and generally not accepted by transfer institutions.

**California State University (CSU):** Students transferring to any campus of the California State University System can complete all lower-division general education requirements at FRC. Students may accomplish this by completing the CSU General Education Breadth Requirements or by completing the Intersegmental General Education Transfer Curriculum (IGETC) before transferring.

A California Community College student applying for admission to the California State University in advanced standing will be given priority over all other applicants if the student:

1. Is a California Community College transfer student.
2. Has completed a total of at least 60 transferable units with a minimum GPA of 2.0 (certain majors and colleges may require a higher GPA) and is transferring with his/ her General Education Certification.
3. Has completed as much lower division major prerequisite coursework as possible.

**University of California (UC):** Students transferring to a campus of the University of California may either fulfill the lower-division general education requirements of each individual campus or complete the Intersegmental General Education Transfer Curriculum (IGETC).

A California Community College student applying for admission to the University of California in advanced standing will be given priority over all other applicants if the student:

1. Is a California Community College transfer student.
2. Has completed a total of at least 60 transferable units with a minimum GPA of 2.4, and 2.8 for nonresidents, (certain majors and colleges may require a higher GPA) and is transferring with his/her General Education Certification.
3. Has completed as much lower division major prerequisite coursework as possible.

4. Has completed a Transfer Admission Guarantee (TAG) agreement.

**Intersegmental General Education Transfer Curriculum (IGETC):** Completion of FRC courses that satisfy IGETC requirements will permit students to transfer from FRC to any UC or CSU campus without the need, after transfer, to take any additional lower-division general education courses to satisfy individual campus general education requirements.

**University of Nevada, Reno (UNR):** Transfer students must complete 24 transferable units with a minimum GPA of 2.5. All undergraduates are required to complete the core curriculum (general education) to graduate from UNR, but all courses do not need to be completed at FRC. If you have an intended major, refer to the current UNR catalog for specific requirements in the core curriculum. UNR will also accept the IGETC or CSU Breath certification in lieu of the core curriculum for non-major specific general education.

**General Education/Core Class Identification:** FRC classes that satisfy lower-division General Education requirements of California State Universities are designated by initial (CSU) in the course description section of this catalog below unit designations. The UC designation indicates a University of California transferable course.

**For more information contact:**

Greg McCarthy  
Academic Advisor/Articulation Coordinator  
Phone: (530) 283-0202, ext. 288  
Fax: (530) 283-9498  
Email: gmccarthy@frc.edu

## BASIC NEEDS

The Basic Needs Center is part of the Health and Wellness Center providing students with a one stop shop for all things health, wellness and other basic student needs such as food resources like CalFresh. The Basic Needs Center is dedicated to connecting students with support and resources so they can stay focused on their education.

Resources and services include but are not limited to:

- CalFresh application assistance
- Housing
- Basic Hygiene
- Mental Health
- Transportation
- Meal vouchers/grocery cards

**For more information visit:**

<https://www.frc.edu/studentservices/basic-needs>  
Phone: (530) 283-0202 ext 239

## CALWORKS

**California Work Opportunities and Responsibilities to Kids (CalWORKs)** provides support services to people who are receiving TANF (Temporary Assistance to Needy Families) and want to attend Feather River College. Students may be referred by the Department of Social Services or may be self-referred.

Support services include:

- Priority registration
- Job preparation and placement
- Vouchers for books and school supplies
- Personal laptops loaned as needed
- Referrals to campus and community services
- Masterclasses for professional development
- Information on Welfare Rights

Students may be enrolled part-time or full-time in a number of areas including vocational education and Nursing.

### For more information contact:

Cathy Riley - CalWORKS Coordinator  
Phone: (530) 283-0202, ext. 291  
Fax: (530) 283-9961  
Email: criley@frc.edu

## CHILD DEVELOPMENT CENTER

Feather River College's Child Development Center (CDC) provides a welcoming, nurturing, and engaging learning environment for preschool age children, ranging 2-5 years. The CDC offers an enriching child centered setting that allows children to explore and learn through play based education. Following CA Preschool Learning Foundations the emergent style curriculum focuses on social, physical, emotional, and cognitive development. The Center's staff are professionally trained in Early Childhood Education and are credentialed teachers. The Center provides three nutritional meals each day. Eligible student parents or community parents may qualify for our subsidized fee program. Students must be enrolled in 6 or more units with an educational goal. Full-day and part-day options are available. Visit our webpage to apply for the waiting list and to find out more information about the Center's program. The CDC is open Monday through Friday during FRC's Spring and Fall semesters.

### For more information or to schedule a tour contact:

Kinderlin Hoznour  
Child Development Center Director  
Phone: (530) 283-0202, ext. 281 or (530) 283-0521  
Email: khoznour@frc.edu

## DISABILITY SUPPORT PROGRAM FOR STUDENTS (DSPS)

The Disability Support Program for Students (DSPS) is committed to promoting educational opportunities for students with disabilities. Its goal is to support equal access to classes, programs, educational activities, and facilities, thereby ensuring that all students are able to participate fully in campus life and gain the maximum benefit from the educational experience at FRC. This is accomplished through services and academic accommodations that assist students in meeting college goals and encourage maximum independence, integration, and personal empowerment. Services and accommodations are provided on an individualized basis according to the needs associated with each particular disability, and are determined through an interactive process between students and the DSPS Director. Support through DSPS could include:

- Priority Registration/Registration Assistance
- Specialized Counseling - Academic Counseling/ Advising, Disability-Related Counseling, Personal Counseling
- Test Accommodations
  - ◊ Extended Time on Quizzes and Exams
  - ◊ Distraction Reduced Testing Room
  - ◊ Reader
  - ◊ Scribe
- Specialized Tutoring
- Notetaking Service/Shared Notes
- On Campus Mobility Assistance/Transportation
- Emotional Support Animal/Approval and Coordination
- Advocacy/Liaison with Instructors, Staff, and Community Resources
- Sign Language Interpreter/Computer Assisted Real-Time Transcription (CART)
- High Tech Center/Alternate Media and Assistive Technology

Students with a disability - learning disability, acquired brain injury, ADD/ADHD, intellectual disability, autism spectrum disorder, mental health disability (PTSD, depression, bipolar, etc.), physical disability, deaf/hard of hearing, blind/low vision, other health disability, or temporary disability - are eligible for services. Students who have had an IEP or a 504 Plan in high school are eligible for services.

To apply for services or discuss support that might be available, stop by the DSPS office, call (530) 283-0202 Ext. 318, or email [sdimick@frc.edu](mailto:sdimick@frc.edu).

## WorkAbility III

WorkAbility III (WAB) is a joint program between Feather River College and the State of California Department of Rehabilitation designed to increase employment opportunities for adults with disabilities. The program provides comprehensive pre-employment assessment and training for disabled individuals who are enrolled at



FRC and who meet Department of Rehabilitation criteria. Services may include, but are not limited to:

- Vocational Counseling
- Support Services and Referrals
- Financial Assistance for Books, Supplies, Parking, Mileage, and Tuition/Fees Not Covered by Financial Aid
- Liaison Services with the Department of Rehabilitation
- Job Search, Job Development, and Job Placement Activities
- Assistance in Resume and Cover Letter Preparation
- Assistance in Completion of Job Applications
- Instruction in and Practice for Job Interviews

**For more information contact:**

Sarah Dimick - Director of DSPS/WorkAbility III  
Phone: (530) 283-0202, ext. 318  
Fax: (530) 283-9497  
Email: [sdimick@frc.edu](mailto:sdimick@frc.edu)

## EXTENDED OPPORTUNITY PROGRAM AND SERVICES (EOPS)

Extended Opportunity Program and Services (EOPS) is a California state-funded program designed to offer additional financial assistance and special support services to help and encourage those students affected by social and economic disadvantages. EOPS is committed to helping students gain access to the resources they need to achieve their academic goals and to succeed in college.

To be eligible for EOPS, a student must be a California resident, maintain a 2.0 grade point average, be enrolled in a minimum of 12 units, demonstrate financial need by qualifying for the California College Promise Grant (formally the Board of Governors Fee Waiver - BOGW), and be determined by the EOPS staff to be educationally underprepared. EOPS applications are reviewed by the EOPS staff for program eligibility.

Some services EOPS students may receive include:

- Counseling
- Educational and career guidance
- Transfer assistance
- Priority registration
- Textbooks
- Meal tickets
- EOPS work study
- CARE services

These services are designed to be "over and above" the services provided to the general student body. The academic progress of EOPS students is regularly monitored. Students are required to have no less than three scheduled EOPS appointments per semester and submit one progress report each semester so that staff

and faculty can offer immediate assistance when alerted to obstacles that might be hindering a student's success.

## Cooperative Agencies Resources for Education (CARE)

Cooperative Agencies Resources for Education (CARE) provides intensive support services to EOPS students who are single parents with at least one dependent child and are receiving TANF. In addition to EOPS benefits, CARE students receive additional financial support to help with the costs of attending college.

Services include:

- Academic advising/counseling
- Child care assistance
- Books and supplies
- Mileage reimbursement
- Car repair up to \$100/semester,
- Meal tickets
- Cash grants

CARE students must be enrolled full-time in a vocational program likely to lead to employment and maintain satisfactory progress in all classes. Early application through the college EOPS office is advised. All CARE students must also be EOPS eligible.

EOPS/CARE services are offered during the academic semesters and not available during summer sessions. Office hours are from 8:30 - 4:00 PM

**For more information contact:**

Monica Potter - EOPS/CARE Counselor  
Phone: (530) 283-0202, ext.354  
Fax: (530) 283-9498  
Email: [mpotter@frc.edu](mailto:mpotter@frc.edu)

## FOSTER YOUTH SUCCESS INITIATIVE (FYSI)

The FYSI Liaison is a designated person who will provide support to youth that are currently or were in foster care. The liaison helps youth find resources to go to college, provides a safe and supportive environment, is familiar with the challenges of youth that are or were in foster care, and is committed to helping students access and connect with college and community resources. The liaison will assist with:

- Arranging college tours
- Completing the Admissions Applications
- Completing financial aid applications such as the/ FAFSA & CHAFEE applications
- Setting appointments for advising
- Applying for the Burton Book Fund
- Priority registration
- Connecting students with counseling, tutoring and other programs or services on or off campus

**Homeless Services** are also available on campus.

**For more information about homeless services and foster youth services contact:**

Alyia Pilgrim  
FYSI Liaison (located in the Financial Aid Office)  
Phone: (530) 283-0202 ext. 298  
Fax: (530) 283-4659  
Email: [apilgrim@frc.edu](mailto:apilgrim@frc.edu)

## HEALTH SERVICES

Feather River College provides health services to all its students through a special arrangement with the Plumas County Public Health Agency (PCPHA). Licensed health care providers are available and offer counseling, health education, assessment and/or referral services that include, but are not limited to:

- Pregnancy testing, family planning, and referral as indicated.
- HIV antibody testing, counseling, and education and referral as needed.
- Assessment and referral to community health care providers or hospital emergency room as needed. The Plumas County Public Health Agency does not provide primary or emergent care for issues not in this list, including chronic pain or chronic medical case management.
- Tdap, MMR, Flu and HPV Immunizations for FRC students who qualify for the Vaccines for Children program.
- TB skin testing
- Assessment of health risk behavior, counseling, intervention and/or referral as needed.
- Counseling regarding lifestyle decisions toward greater wellness, including diet, exercise, health-care intervention, and mental health referrals.
- Assessment of clients for sexually transmitted disease; information and/or referral as needed.
- Assistance in accessing Children Health Disability Prevention (CHDP) Services for eligible adolescents.
- Physical assessment; referral as indicated. Students who have received a physical assessment are allowed up to a maximum of two rechecks for blood pressure and urine checks only.
- Limited over the counter medications at no charge. PCPHA only prescribes medications, lab tests, x-rays or other diagnostic tests necessary for family planning, sexually transmitted diseases, and tuberculosis.

To receive services, students must show their FRC photo identification card with the current semester's validation sticker and they must make an appointment with the Plumas County Public Health Agency (530-283-6330).

Students are responsible for all costs as a result of referral visits, including but not limited to prescription

medications, lab tests, x-rays, and any hospital emergency room or patient fees.

Students under the age of 18 must have parental consent to receive services, except family planning services, and must provide documentation of such consent before an appointment is made.

**Student Insurance:** The College provides students with limited secondary accident insurance coverage in the event of an injury occurring in the course of a college class or activity. All such accidents should be reported immediately to the instructor or staff member in charge of the class or activity, Athletic Trainer, or the Human Resources Office. **It is the student's responsibility to file any insurance claims with their primary carrier, then with the secondary accident insurance.** Claim forms and general information are available at the Office of Human Resources.

**For more information contact:**

Student Services  
Phone: (530) 283-0202, ext.317  
Fax: (530) 283-3757

## INSTRUCTIONAL RESOURCE CENTER

The Instructional Resource Center (IRC) is the heart of learning support at Feather River College. It is a warm and welcoming space located on the bottom floor of the Learning Resource Center building, staffed by professionals dedicated to helping students achieve success, both academically and personally.

The IRC cares for the well-being of all students and provides the resources and services to support their academic journey. The staff and tutors help with course content *and* coach students in time management, active study techniques, reading strategies, test preparation, note-taking, and the research and writing process. They encourage a growth mindset and positive habits of mind that help students take ownership of their learning.

The peer tutoring program not only offers free individual or group tutoring to help students succeed in their courses, but it also provides an opportunity for student employment, where students gain marketable work experience for future careers.

Students can study individually or in groups, ask questions, use the computers and printers, and take advantage of available resources in an encouraging atmosphere. The IRC is a positive place to study, learn, focus, and complete assignments.

**For more information contact:**

Joan Jarrett - IRC Program Coordinator  
Phone: (530) 283-0202, ext.45  
Email: [jjarrett@frc.edu](mailto:jjarrett@frc.edu)

## LIBRARY

The library is a pleasant, comfortable, well-lighted facility with areas for group study and individual carrels for students to study or read for pleasure. An audio-visual room allows students to use the media collection in privacy without disturbing others and headphones are available for streaming media playback on the computer workstations.

Thirty computer workstations provide students with high-speed connection to the Internet and the local campus network. Wireless capability throughout the library allows students with their own laptops to access the Internet as well. Quality academic research can be performed using scholarly e-books and electronic databases accessible to students from both on and off campus (an FRC network account is required). Word processing, spreadsheet and other appropriate software applications are available, enabling students to perform research and write their assignments without leaving the library.

The library supports the college curriculum with a collection of over 23,500 books in hardcopy, 250,000 e-books, 9,700 print and electronic periodicals subscriptions, numerous state, local and national newspapers, and 47,000 video, DVD and streaming media selections. In locating relevant materials for research assignments, students may obtain assistance at the main desk of the library or schedule a research appointment with the library director. Patrons may also get help through the library website by using the library's 24/7 Chat service and through customized subject guides in every area of study. Subject-specific research orientations are also delivered in the classroom for courses that particularly emphasize scholarly research.

### For more information contact:

Darryl Swarm - Library Director  
Phone: (530) 283-0202, ext.236 or 211  
Email: dswarm@frc.edu

## MENTAL HEALTH AND WELLNESS CENTER

The Feather River Mental Health and Wellness Center offers a variety of services for students, including individual and group counseling, wellness activities and referral services. Clinicians are also available to provide consultation and educational outreaches for staff and faculty.

Counseling services at the Feather River College Mental Health and Wellness Center, like most college counseling centers, are generally short-term. If it appears that long-term services are appropriate, the counselor will assist the student in locating an off-campus provider.

The Center is open Monday through Friday, 8:00 AM-4:30 PM (August-May). The Center is closed during the months of June and July.

**To schedule an appointment or to get more information, stop by the office or contact:**

Wellness Center  
Phone: (530) 283-0202, ext. 205

## STUDENT EMPLOYMENT PROGRAM

Feather River College has a variety of on-campus jobs available to students. Students compete with other students for these jobs. No one is promised a position, and qualifying for Work Study is not a guarantee of employment. Students can work up to 20 hours per week. To be eligible for student employment, students must meet the following criteria:

- Must be enrolled in 6 or more units during the semester of employment.
- Must present appropriate documentation that establishes identity and employment authorization.

Additional information about the student employment program, student employee responsibilities, and on campus student jobs is listed on the Feather River College website at the following link: [www.frc.edu/student-services/student-employment](http://www.frc.edu/student-services/student-employment). Jobs are labeled open or closed depending on their current status. Job descriptions linked to the job list show minimum qualifications and preferred scheduling.

Advising/Counseling Center staff can also provide information about part-time and temporary jobs available in the community. Students seeking summer employment or post graduate employment information may find listings in the Center and/or through their faculty advisor.

### For more information contact:

Amanda West  
Program Staff Specialist II/Student Services  
Phone: (530) 283-0202, ext.313  
Fax: (530) 283-9498  
Email: awest@frc.edu

## STUDENT HOUSING

Student Housing supports the academic mission of Feather River College by providing living environments that enhance the personal growth of students and provides a community atmosphere that complements the educational mission of the College. FRC offers three Housing options. The rent package is the same for all three options, which includes utilities, internet and Direct TV services, and on-site laundry facilities. There is on-site management and security at each facility. Throughout the year, various student activities are offered to all housing residents. Because there is a high demand for student housing, all bedrooms are double occupancy.

## Housing Options Include:

**Apartment Style Dorm:** Located on campus, the two story apartment style dorm features one-bedroom units shared by two students, and two-bedroom units shared by four students. Each apartment has a bathroom, kitchen area, living room, one bed per student, and a private outside entrance. On-site management includes at least one resident assistant in each building. This facility houses 160 students.

**The Pines:** Located in the heart of Quincy, the Pines provides a more traditional dorm setting with a community atmosphere. The Pines features double rooms located off three corridors. Each room has a sink, small refrigerator and stove, closet/cupboard space and one bed per student. Two rooms share a small bathroom with a toilet and sink, and all students on each corridor share a common shower facility. Available to all Pines residents is a large, comfortable lounge, recreation room with big screen TV, and group study rooms. On-site management includes an assistant manager and resident assistant. This facility houses 50 students.

**Meadows Apartments:** Located near downtown Quincy on Buck's Lake Road, the Meadows is an apartment complex that features one-bedroom units shared by two students, and two-bedroom units shared by four students. Each apartment includes a bathroom, kitchen, living room, one bed per student, and a private outside entrance. On-site management includes a resident assistant. This facility houses 28 students.

### For more information contact:

Sarah Ritchie - Student Housing Manager  
Phone: (530) 283-9414  
Fax: (530) 283-5401  
Email: sritchie@frc.edu

## STUDENT LIFE

### Associated Students of FRC (ASFRC)

The Associated Students of FRC (ASFRC) organization is an integral component of Feather River College's shared governance structure. Elected members serve on campus wide committees and assist in organizing social and special interest activities. Elections for ASFRC executive officers are traditionally held in the spring. All students are encouraged to attend the open ASFRC meetings. The ASFRC schedule of meetings is posted at the Student Life Office located on the lower level of the Campus Center.

### Student Activities & Clubs

FRC sponsors a variety of activities designed to reflect the interests of a diverse student population. Several committees, clubs, and service areas sponsor entertaining and educational events and activities throughout the year. Examples of some of the activities include:

- Week of Welcome
- First Year Experience
- Spirit Week
- Chili Cook-Off
- Resource Fair
- Cultural Fair
- Earth Day
- Movies at the local theater

Student clubs are open to all students and provide an opportunity to pursue special interests with those who share them. Clubs may vary from year to year depending on student interests and their formation is actively encouraged. Clubs are required to have a club advisor (an FRC faculty or staff member), and must file for a club charter with the ASFRC.

FRC has also has a Student Ambassador program with paid student leaders who work closely with ASFRC in sponsoring student activities and events.

Students are encouraged to download the FRC app for emergency notifications, to keep updated on college activities and events, and to stay connected with fellow students.

### For more information contact:

William "Bama" McKenzie  
Student Life and Engagement Specialist  
Phone: (530) 283-0202, ext.277

### Intercollegiate Athletics

Feather River College participates in twelve intercollegiate sports. All teams except Football, Beach Volleyball and Rodeo compete in the Golden Valley Conference of the California Community College Athletic Association (CCCAA). The Football team participates in the CCCAA American Conference, Beach Volleyball in the Big 8, and Men's and Women's Rodeo teams participate in the National Intercollegiate Rodeo Association.

- Football
- Men's Soccer
- Women's Soccer
- Men's Basketball
- Women's Basketball
- Men's Rodeo
- Women's Rodeo
- Baseball
- Softball
- Volleyball
- Beach Volleyball
- Women's Cross Country
- Women's Track

**Intercollegiate Athletic Eligibility:** Student-athletes are required to maintain the regulations established by the California Community College Commission on Athletics which include but are not limited to the following:

1. A student-athlete must be continuously and actively enrolled in a minimum of 12 credit units at his/ her community college during the season of

sport. Students dropping below 12 units are not eligible for competition until they are once again actively enrolled and attending class in at least 12 units.

2. Of the 12 units, at least 9 shall be attempted in courses counting toward the associate degree, remediation, transfer, and/or certification as defined by the college catalog and are consistent with the student-athlete's educational plan.
3. In order to continue athletic participation in any sport, the student-athlete shall maintain a cumulative 2.0 grade point average in accredited post-secondary coursework completed since the start of the semester/ quarter of the first participation in any sport, regardless of the college attended.
4. To be eligible for the second season of a sport, the student athlete must complete and pass 24 semester units, 18 units must be courses counting toward the associate degree, remediation, transfer, and/or certification with a 2.0 grade point average before the beginning of semester of the second season of completion.

**Note:** College units mentioned do not apply until the student has first participated in a collegiate sport.

**Transfer Rule:** A student transferring to a California community college for athletic participation purposes whose last competition was at another California community college must complete 12 units in residence prior to the beginning of the semester/quarter of completion for that college; a maximum of eight (8) units may be from courses completed during the summer session(s) or winter intersession(s). Transfer status is determined by where the athlete last competed, not necessarily where the student last attended. A Student- Athlete Tracer Form verifying attendance and competition in intercollegiate athletics and a transcript are required to determine eligibility.

**Late Registration:** A student athlete must be registered, enrolled, and attending class no later than four (4) weeks after the first day of class instruction in order to represent that California community college in athletic competition during that season.

**IMPORTANT:** The eligibility requirements are very rigorous. Athletes are strongly advised to become knowledgeable with them in order to avoid loss of eligibility. All interested students are urged to meet with the Athletic Advisor and/or contact the Athletic Department at the beginning of the school year to learn the requirements.

**FRC Athletic Participation Requirements:** The Feather River College Athletic Department requires the following processes be completed by each student-athlete prior to participating in any FRC athletic activity.

1. Attend Mandatory Athletic Orientation to obtain athletic rules and regulations, complete required forms, and become familiar with the Athletic Code of Conduct and individual Team Rules.

2. Complete a Sports Physical and baseline concussion testing to be released for participation
3. Complete the Following Forms:
  - Felony Form - must be currently Felony free.
  - Release of Liability Form
  - Travel Release Form
  - Release of Information Form
  - Eligibility Form 1
  - Tracers, if needed, along with official transcripts

**For more information contact:**

Phone: (530) 283-0202, ext. 295

Fax: (530) 283-9831

## Feather River Fitness

Feather River Fitness (FRF) is a fitness and health center owned by the Feather River College Foundation and operated by Feather River College. FRF offers a full line of Cybex equipment, a strength training room, free weights, treadmills, elliptical machines and stationary bikes. The center also offers a full locker room with towel service, sauna, and Jacuzzi. An outdoor pool is available during the summer months. Exercise classes are offered throughout the day and include Tabata, Yoga, Cardio Cycle, Body Blast and Gentle Fit. FRC students are offered memberships at a discounted rate.

**For more information contact:**

Meredith Aragon - Fitness Center Manager

Phone: (530) 283-9401

Email: maragon@frc.edu

## TRIO-SSS

**Student Support Services (SSS)** is a federally-funded student support program designed to assist first-generation, low-income, and disabled students who plan to graduate with an associate degree or certificate and transfer to a four-year university. SSS provides students with a variety of services designed to create an academically focused environment. Because the program is federally funded, all services are free to qualified students. These services include:

- Academic, Career and Transfer Advising
- Priority Registration
- Tutoring and Mentoring
- Assistance with Completing the FAFSA
- Financial Literacy Workshops
- Scholarship Opportunities
- Transfer Application Assistance
- Transfer Trips to Four Year Campuses
- Study Room and Computer Lab
- Opportunities to Attend Cultural Events

Staff is available to discuss eligibility requirements for this comprehensive program and will make every effort to meet students' graduation and transfer needs.

**For more information contact:**

William Ogle - Director/TRiO-SSS  
 Phone: (530) 283-0202, ext.221  
 Fax: (530) 283-9498  
 Email: wogle@frc.edu

**VETERANS SERVICES**

**Location:** The Veterans Certifying Officials is located in the Financial Aid Office.

Our Certifying Official can assist students who have served in the branches of the U.S. Armed Forces as well as dependents of veterans who have served. Veterans may be eligible for priority registration after eligibility criteria has been confirmed by the Certifying Official.

Certifying Officials will be able to assist students in the following areas:

1. Priority Registration: Veterans may be eligible for priority registration after eligibility criteria has been confirmed by providing a copy of the service members DD Form 214 Member 4 Copy or NOBE to the Certifying Official.
2. GI Bill ® /Education Benefits: Offer assistance with applying for veterans education benefits, verify and certify enrollment to the VA.
3. Fee Waivers: process dependent fee waivers that have been approved by local county Veteran Services Offices. (More information on applying can be found at [www.calvet.ca.gov](http://www.calvet.ca.gov)).

**GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at <https://www.benefits.va.gov/gibill>.**

**Eligibility:** Feather River College has been approved by the U.S. Department of Veterans Affairs to offer benefits of higher education to veterans, reservists and eligible dependents (including step-child or adopted child). These benefits are available through the following programs:

- The Montgomery GI Bill ® Active Duty (**Chapter 30**)
- Vocational Rehabilitation for Veterans with Service-Connected disabilities (**Chapter 31**)
- Veterans Educational Assistance Program - VEAP (**Chapter 32**)
- Post-9/11 GI Bill ® (**Chapter 33**)
- Survivors' and Dependents' Educational Assistance Program (**Chapter 35**)
- Montgomery GI Bill ® - Selected Reserve (**Chapter 1606**)
- Educational Assistance Test Program (**Chapter 901**)
- Harry W. Colmery Veterans Educational Assistance Act of 2017 – Section 106 of this act allowed individuals who lost their chapter 1607 eligibility, due to the sunset of chapter 1607 the opportunity to make an election to receive enti-

tlement under the Post 9/11 GI Bill ® Program. Contact the VA Call Center at (888)442-4551 or send written requests for “Choice of Election Form” to: Department of Veterans Affairs Buffalo Regional Processing Office PO Box 4616 Buffalo, NY 14120-4616

**How to Apply:**

- Apply Online at [www.va.gov/education/how-to-apply/](http://www.va.gov/education/how-to-apply/).
- Call 1-888-GI-BILL-1 (888-442-4551) to request an application be mailed to you.
- Consult with the VA Certifying Official located in the Financial Aid Office.

**Student Responsibilities:** Before benefits are received the student must provide the VA Certifying Official with the following:

- Completed Student Education Plan by an Academic Advisor
- Transcripts of all previous coursework
- A copy of your DD Form-214 Member 4 Copy or the veterans DD Form 214 Member 4 Copy for dependent students
- Completed assessment test
- Any additional forms requested by the Certifying Official

Each semester the student must meet with:

- Certifying Official to complete additional paperwork

**Report any changes in enrollment or academic status which may affect VA benefits to the Veterans Certifying Officials at FRC. When changes are not reported, the result is often underpayment or overpayment of VA benefits.**

**Benefit Coverage:** When applying for benefits the student must declare an eligible major. For a list of eligible majors you may use the VA's WEAMS Institution Search tool [https://www.benefits.va.gov/gibill/school\\_locator.asp](https://www.benefits.va.gov/gibill/school_locator.asp). Payment of educational benefits is based on the number of units in which a student is enrolled. Benefits will be paid only for courses required for that degree. Once a satisfactory grade has been earned, the student may not receive benefits for a repeated course.

*\*Benefits are restricted on some types of courses. Students should always check with the Certifying Official on campus before registering for courses.*

**Satisfactory Academic Progress:** The Veterans Administration requires that students receiving education benefits maintain satisfactory progress toward a degree. Veterans or dependents who become academically dismissed must follow the school's criteria for reinstatement after academic dismissal. For guidance regarding Probation, Dismissal and Readmission, please refer to the Academic Policies & Procedures section of the catalog. Under these policies it is possible that a veteran or dependents' VA educational benefits could

be suspended due to unsatisfactory progress while they are still technically in a probationary status with the college and allowed to continue in attendance.

**\*Course Repetition:** *A course may be repeated for VA benefits only if repetition is necessary to successfully satisfy specific major requirements. Veterans may repeat a class more than once and receive VA educational benefits if the condition which required the initial repetition still exists.*

**VACA Nonresident Enrollment Fee Exemption Form:** In compliance with Section 68075.7 of the California Education Code, Feather River College will grant a full exemption from the nonresident enrollment fee to all students **verified** to be "covered individuals" that are eligible to use Montgomery GI Bill ® Active Duty or Post-9/11 GI Bill ® education benefits (Chapters 30 and 33, respectively, of Title 38, U.S. Code) **while living in California.**

In September, 2018 the VACA Act was further amended by Pub.L. No 115-251 to add a new category of "covered individuals" eligible for an exemption to nonresident tuition. **The new category includes individuals eligible for rehabilitation under 38 U.S. Code § 3102 pursuing a course of education with education assistance from the Training and Rehabilitation for Veterans with Service-Connected Disabilities (Chapter 31) education benefits program.** This change is effective for courses provided during a quarter, semester, or term beginning after March 1, 2019. **For more information on the eligibility for VACA Nonresident Tuition Exemption please refer to Admissions.**

**College Fee Waiver Program for Dependents of Veterans:** The dependent child, spouse or unmarried surviving spouse of a service connected disabled or deceased veteran may be entitled to tuition and fee waiver benefits at Feather River College. The program is administered by the California Department of Veterans Affairs. Eligible students do not need to be drawing the GI Bill ®, but may be required to meet certain income requirements to qualify. To apply for a Veterans College fee waiver, download an application on [www.calvet.ca.gov/VetServices/Pages/College-Fee-Waiver.aspx](http://www.calvet.ca.gov/VetServices/Pages/College-Fee-Waiver.aspx), then take the completed application to your local County Veterans Service Office for processing.

**For more information contact:**

Alyia Pilgrim - Veterans Certifying Official  
(Located in the Financial Aid Office)  
Phone: (530) 283-0202, ext.603  
Fax: (530) 283-4659  
Email: veterans@frc.edu

**Plumas County Veterans Services Office is located at:**

270 County Hospital Road, Suite 206  
Quincy, CA 95971 Phone: (530) 283-6337  
Fax: (530) 283-6425

**GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at <https://www.benefits.va.gov/gibill>.**

# COLLEGE POLICIES

## ACADEMIC POLICIES AND PROCEDURES

### Probation

#### Notification of Probation

Each student is entitled to be notified of his/her academic challenges/difficulty and the availability of college support services to respond to the academic challenges/difficulty before the student is dismissed. Notification will consist, at a minimum, of the following: After a student has attempted 12 units of work and at the end of the semester in which the student's grade point average falls below 2.0 in all units attempted, a notice that the student is on probation shall be sent to the student informing him/her that he/she is on academic probation and that he/she must see a counselor to develop a plan for improvement. "All units attempted" is defined as all units of credit for which the student is enrolled in at the community college that they attend.

If the percentage of a student's recorded entries of "W," "I," "NC" and "NP" reaches or exceeds 50% of all units in which a student has enrolled, the student shall be placed on progress probation.

At the end of the third semester on which the student is on academic or progress probation, a notice that the student is subject to dismissal will be sent to the student informing him/her that he/she is subject to dismissal.

#### Probationary Letter

The letter notifying the student of probation will cover, at a minimum, the significance of being on probation and description of the services available.

#### Extension of Probation

A student who is on academic probation and earns a semester grade point average of 2.0 or better shall not be dismissed as long as this minimum semester grade point average is maintained, even if the student's cumulative GPA is less than 2.0.

### Dismissal and Readmission

#### Standards for Dismissal

A student who is on academic probation shall be subject to dismissal if the student has earned a cumulative grade point average of less than 2.0 in all units attempted in each of three consecutive primary semesters (Fall and Spring). A student who has been placed on probation shall be subject to dismissal if the percentage of units in which the student has been enrolled for which entries

of "W," "I," "NC," and "NP" are recorded in at least three consecutive primary semesters (Fall and Spring) reaches or exceeds fifty percent (50%).

#### Dismissal Letter

The letter notifying the student that he/she is subject to dismissal will cover, at a minimum, reference to this procedure, explanation of what dismissal means, procedure for reinstatement, and procedure to appeal the dismissal.

#### Appeal of Dismissal

The student has the right to appeal a proposed dismissal action if the student feels that facts exist that warrant an exception to the dismissal action. The student must file the written petition of appeal with the Chief Student Services Officer (CSSO) (or designee) within 40 working days after the dismissal letter was mailed. If the student fails to file a written petition within the 40 working days, the student is officially dismissed. The student has the option to file a petition of appeal at least 30 working days prior to any future semester in which they intend to enroll.

It is the student's responsibility to indicate on the petition a clear statement of the grounds on which continued enrollment should be granted and to provide evidence supporting the reasons. Petitions will be reviewed by the Satisfactory Academic Progress (SAP) Committee. The student will be continued on probation until the SAP Committee decides on the student's appeal.

The decision of the SAP Committee will be communicated to the student in writing by the CSSO (or designee) within 15 working days of receipt of the student's appeal. The student may appeal the decision of the SAP Committee in writing to the Superintendent/President (or designee) within 10 working days of the date of notification of the decision of the SAP Committee. The decision of the Superintendent/President is final.

If the dismissal appeal is granted, the student will be continued on probation for an additional semester. At the end of the additional semester, the student's academic record will again be evaluated to determine whether the student may be removed from probation, should be dismissed, or should be continued on probation.



## Academic Renewal

The purpose of Academic Renewal is to disregard a student's past substandard academic performance when such work is not reflective of their current demonstrated ability. It is based on the recognition that due to unusual circumstances or circumstances beyond the student's control, the past substandard work will negatively affect their academic standing and unnecessarily prolong the rate at which they complete their current objectives.

If specific conditions are met, Feather River College may disregard the grades earned during a particular period of time from all consideration associated with the computation of a student's cumulative grade point average (GPA). This process is limited to no more than 30 units of coursework taken at any college for graduation. These conditions are:

1. The coursework to be disregarded is substandard. The total GPA of the semester is less than 2.0 units.
2. A minimum of two (2) semesters with at least eighteen (18) units having been completed at Feather River College with a cumulative GPA of 2.0 or better subsequent to the coursework to be disregarded.
3. At least 12 months have elapsed since the most recent coursework to be disregarded.
4. All substandard coursework shall be disregarded except those courses required as a prerequisite or to satisfy a requirement in the student's redirected educational objective.
5. Credit for courses from other colleges or universities may be disregarded in order to meet the GPA requirements for an associate degree or certificate of achievement toward graduation.

**NOTE:** It is important to understand that all coursework will remain legible on the student's permanent records (transcripts), ensuring a true and complete academic history. However, the student's permanent records will be annotated so that it is readily evident to all users of the records that the substandard units, are to be disregarded. This notation will be made at the time that the academic renewal has been approved by the Admissions & Records Office.

If another accredited college has acted to remove previous coursework from consideration in computing the grade point average, such action shall be honored in terms of its policy. However, such units disregarded shall be deducted from the 30 semester unit maximum of coursework eligible to be disregarded at Feather River College.

Students requesting removal of previous coursework for certificate or degree consideration must file a petition in the Admissions & Records Office. The petition shall outline the term or consecutive terms of coursework to be disregarded and shall include evidence verifying (a) that work completed during the period is substandard, and (b) at least twelve (12) months has elapsed since completion of most recent coursework to be disregarded.

The Chief Instructional Officer shall act on the petition and return it to the Admissions & Records Office for entry of the proper annotation on the student's permanent record. Academic renewal actions are irreversible.

**NOTE:** This policy does not directly apply to the Financial Aid Academic Progress requirements. The Financial Aid Academic Progress requirements must be met for students to qualify for financial aid. Students must submit financial aid appeals directly to the Financial Aid Office for reinstatement of their aid eligibility.

## Academic Integrity

Students of Feather River College are expected to behave as responsible members of the college community and to be honest and ethical in their academic work. FRC strives to provide students with the knowledge, skills, judgment, and wisdom they need to function in society as educated adults. To falsify or fabricate the results of one's research; to present the words, ideas, data, or work of another as one's own; or to cheat on an examination corrupts the essential process of higher education.

The following guidelines will assist students in upholding academic integrity:

- Students assume full responsibility for the content and integrity of the coursework they submit and are responsible for adhering to coursework requirements as specified by the instructor in the course syllabus.
- Students must follow all written and/or verbal instructions given by instructors or designated college representatives prior to taking examinations, placement assessments, tests, quizzes, projects, reports, and other forms of evaluating student learning.
- Students may collaborate or cooperate with other students on graded assignments or examinations as directed by the instructor.

Any faculty member who has evidence of an act of dishonesty shall attempt to resolve the matter informally by speaking with the student, and may file a Student Incident Report with the Chief Student Services Officer (CSSO). Depending on the seriousness of the offense and/or the number of instances of academic dishonesty by the same student, the CSSO may take appropriate disciplinary action.

## Grade Changes

The determination of the student's grade by the instructor shall be final in the absence of mistake, fraud, bad faith, or incompetence. A student who feels that an instructor has given an evaluative grade based on one or more of these conditions, and has evidence to substantiate the claim, may pursue an appeal by following the Student Complaints and Grievance Procedure. Students requesting a change of grade on the basis of mistake, fraud, bad faith, or incompetence must begin the appeal process within one year from the end of the semester in which the course was taken.

## Limitations on Remedial Courses

Feather River College has established the following criteria for enrollment of students in remedial, pre-collegiate basic skills coursework:

1. The need for remedial coursework is determined through appropriate assessment instruments and advising process.
2. A student may not accumulate more than 30 semester units of remedial coursework at FRC.
3. No student shall be required to enroll in remedial English or mathematics coursework that lengthens their time to complete a degree unless placement research that includes consideration of high school grade point average and coursework, shows that those students are highly unlikely to succeed in transfer-level coursework in English and mathematics. A student may be required to enroll in additional concurrent support, including additional language support for English as a Second Language students during the same semester that they take a transfer-level English or mathematics course, only if the Dean of Instruction/CIO determines the support will increase their likelihood of passing the transfer-level English or mathematics course. The Dean of Instruction/CIO shall minimize the impact on student financial aid and unit requirements for the degree by exploring embedded and low or noncredit support options.
4. Remedial coursework taken at another community college will not be included in the 30 units of remedial coursework permitted at FRC.
5. Students enrolled in one or more courses of English as a Second Language and students identified by the appropriate instruments, methods and procedures to have a learning disability are exempt from the 30 unit limitation.
6. A student who does not obtain full eligibility status for college level courses after completing 30 semester units shall be dismissed and referred to adult noncredit education courses. Dismissal shall be in accordance with the District's dismissal policy.
7. After dismissal, the student may, upon completion of the appropriate noncredit education courses or upon demonstration of appropriate college-level skills, request reinstatement. Reinstatement will be in accordance with the District's reinstatement policy. (BP 4250)
8. Students should be aware that remedial coursework will not be applied toward their degree.

## STUDENT POLICIES AND PROCEDURES

The following policies and procedures pertain to conduct and should be noted by all students. The full text of these policies and procedures is located in Board Policy and Administrative Procedures and can be found on the FRC website at [www.frc.edu/administration/board-of-trustees](http://www.frc.edu/administration/board-of-trustees).

## Standards of Student Conduct

Admission to Feather River College carries with it the presumption that the student will conduct him/herself as a responsible member of the College community. Thus, when a student is admitted to and/or enrolled at FRC, the student likewise assumes the obligation to observe standards of conduct which are appropriate to the pursuit of educational goals. It is expected that each student will obey Federal, State, and local laws, will show respect for properly constituted authority, and will exhibit and maintain integrity and honor in all manners related to the College. Violations of student conduct and other disruptive behavior are reported to the Chief Student Services Officer who in turn may take appropriate disciplinary action when the conduct is deemed to be disruptive to the operation of the College.

Student behavior, which after due process is found to be disruptive to classes or the general operation of the College, or to violate the rights of others or damage/destroy property, may result in disciplinary action including probation, suspension, or expulsion.

The following shall be subject to disciplinary procedures:

- Academic dishonesty such as cheating and plagiarism.
- Illegal possession or use of any firearm, explosive, dangerous chemical or other weapon.
- Threatening, harassing, physically abusing or endangering in any manner the physical or mental health and/or safety of any person.
- Theft, willful destruction, damage, or misuse of any college property or any property belonging to or in possession of any person.
- Under the influence of a controlled substance or alcohol.
- Disruption of the orderly process of activities of the College.
- Unauthorized entry into, obstruction of, or occupation of any college property.
- Dishonesty such as forgery, knowingly furnishing false information, alteration or misuse of College documents and records.
- Unauthorized and inappropriate use of College computers and network systems.
- Violation of any criminal, state or federal law including sexual assault or violation of the Affirmative Consent law.

## Student Complaints and Grievance Procedures

This procedure provides a prompt and equitable means of resolving general student complaints and grievances, and is available to any student who reasonably believes a college decision or action has adversely affected his or her rights as a student.

**All complaints or grievances about general harassment and unlawful discrimination and sexual harassment** are handled by the Director of Human Resources, who is the District's single point of contact for these issues.

**All complaints and grievances related to instructional issues** including grade changes are handled by the Chief Instructional Officer.

**All other general complaints and grievances** begin with an informal and confidential discussion with the Chief Student Services Officer (CSSO), or in the case the CSSO is the subject of the complaint, the Chief Instructional Officer (CIO). The CSSO will then determine how the complaint or grievance will be resolved, and follow the process through resolution according to prescribed timelines. If any administrator (Superintendent/President, Chief Instructional Officer, Director of Facilities/CTO, Director of Human Resources/EEO, Athletic Director, Chief Financial Officer) receives a written complaint for any reason, the CSSO must be notified to assure all timelines are met, and resolution is logged in the student complaint log.

Students must notify the CSSO in writing of their intent to file a written complaint or grievance within 6 months of the incident(s). This written notification can be in the form of a letter or email to the CSSO.

Students must file a written formal complaint within 30 working days of notifying the CSSO using the *Student Complaint/Grievance Form*, which can be obtained from the Student Services Office.

In order to maintain accurate records, administrators who receive a written complaint/grievance must provide a copy of the complaint to the CSSO within 5 working days of receipt. Upon receipt of a written complaint/grievance the CSSO or designee must complete an investigation and render a decision in writing to the student within 30 working days; OR in the case that this deadline cannot be met, the CSSO will notify the student in writing within 30 working days; OR, in the case the grievance/complaint is the responsibility of another administrator, assure that all timelines are met according to policy.

## Discrimination and Harassment

It is the policy of Feather River College to provide an educational, employment, and business environment in which no person shall be subjected to unlawful discrimination and/or harassment of any kind, nor unlawfully denied full and equal access to the benefits of any program or activity of the College. Questions or disputes regarding the college's compliance with nondiscrimination policies, EEO, Title IX and Section 504/ADA should be directed to the Director of Human Resources. Individuals that believe they have been subjected to discrimination or harassment, including sexual harassment, and violations of the Affirmative Consent Law, should report their concerns to:

Director of Human Resources/EEO Officer  
570 Golden Eagle Avenue  
Quincy, CA 95971  
(530) 283-0202, ext. 280

## Campus Regulations and Restrictions

**Alcohol and Illegal Drugs:** Feather River College is a Drug-Free Campus. Unlawful manufacture, distribution, dispensation, possession or use of a controlled substance as defined in Schedules I-V of section 202 of the Controlled Substance Act (21 U.S.C. 812), or unlawful use of alcohol, is prohibited on campus and at college-sponsored activities. Violators of this policy are subject to disciplinary action, which may include referral to an appropriate rehabilitation program, suspension, expulsion, or dismissal.

**Animals on Campus:** It is prohibited for any person to permit any pet or animal which is owned, harbored, or controlled by such person to be on the premises of the FRC campus, unless the animal is a guide dog for the blind, a service dog in the company of its owner, or unless the animal is participating in a college approved instructional activity with permission from the college administration.

Horses are not allowed on lawns or athletic fields unless the horse is participating in a college approved instructional activity with permission from the Director of Facilities. Damage caused by unauthorized activity of an animal on Feather River College property is the responsibility of the rider or individual in control of the animal.

An emotional support animal must be approved through the Disability Support Program for Students (DSPS) to be on campus with its owner/handler as an accommodation necessary in the educational process.

**Children on Campus:** Children under the age of 16 who are not officially enrolled in classes, employed by the college, or participating in an organized activity targeted to children must be actively supervised by a parent, guardian, or responsible adult while on District property. Furthermore, children (as defined above) are not allowed in areas where their presence is disruptive or where health, safety, and liability risks are identified. Children are not permitted as passengers in any form of District transportation unless they are registered in the class or program for which the transportation is being used, including but not limited to golf carts, college vans, maintenance trucks, and buses.

**Computer and Network Use:** The ability to use Feather River College computing systems and software, as well as internal and external data networks, is an important privilege for all members of the College community. The preservation of that privilege requires that each individual faculty member, staff member, administrator and student comply with all established College policy and procedures for appropriate use, including all relevant federal, state, and local laws. These include laws of general application such as libel, copyright, trademark, privacy, obscenity and child pornography laws as well as laws that are specific to computers and communication systems, such as the Computer Fraud and Abuse Act and the Electronic Communications Privacy Act.

A copy of the Computer and Network Use Agreement is provided when individual network accounts are established. It is the duty of every College employee and student using FRC's computing resources to fully understand their responsibilities as stipulated in the Computer and Network Use Agreement. Violations of College procedures may result in progressive disciplinary action, including the loss of computer use privileges, dismissal from the College, and legal action. Additionally, specific violations may constitute a criminal offense.

**Firearms and Weapons:** Firearms or other weapons are prohibited on any property under jurisdiction of the District or in any facility of the District except for activities conducted under the direction of District employees as authorized by an official law enforcement agency.

**Smoking/Tobacco:** Feather River Community College District is a smoke and tobacco free environment as of January 1, 2021. The use of any tobacco products, including electronic smoke or smoke-free devices, are prohibited on all campus grounds including in all buildings, at all college facilities, and in all college owned vehicles. Additionally, tobacco products, including cigarettes, cigars, little cigars, chewing tobacco, pipe tobacco, snuff, and an electronic device that delivers nicotine or other vaporized liquids to a person inhaling from the device (e.g. e-cigarettes and vaporizers) may not be used within 250 feet of a youth sports event. A youth sports event is any practice, game, or related activity organized by any entity at which athletes up to 18 years of age are present. Feather River College will continue to promote a safe and healthy environment and encourage healthy lifestyle choices by providing ongoing education and resources as well as appropriate signage.

## Parking Regulations

Students utilizing FRC parking facilities must purchase a parking permit. The permit must be displayed in the lower left hand corner of the vehicle windshield. Citations are issued for vehicles not displaying a valid parking permit.

Students are allowed to park only in designated parking areas. Parking in unauthorized areas is cause for having a vehicle towed at the owner's expense. Parking is permitted between the hours of 6 a.m. and 10 p.m. on designated class days. Hours are extended only for special college sanctioned activities.

Parking or loitering on campus after 10 p.m. or after the conclusion of special events is prohibited. Overnight parking is prohibited without advance approval of the Business Office. Any vehicle left parked for more than 72 hours will be cited as abandoned and towed at the owner's expense.

In the event of mechanical failure, vehicles must be removed from college property as soon as possible. Vehicle repair, other than emergency repair, is prohibited in campus parking areas.

Students are urged to lock unattended vehicles. Parking on FRC property is at the risk of the owner. FRC assumes no liability for damage or theft of vehicles or their contents.

Students are to adhere to all traffic signs and posted speed limits. Maximum speed is 15 mph.

All student-operated motor vehicles must remain on paved campus roadways. All wheeled modes of transportation (including all vehicles, bicycles, motorcycles, skateboards and roller skates or blades) are prohibited in buildings and may not be ridden on campus paths, walkways, and grassy areas.

Special permits are required for any upper campus parking. Information is available at the campus switchboard or Maintenance Office.

FRC enforces traffic and parking regulations on-campus by the authority granted by the California Vehicle Code, section 21113. Violators are subject to citations.

The complete text of the FRC Vehicle Use, Parking and Traffic Regulations is available at the Business Office.

**Disabled Student Parking:** Any student or employee of FRC who possess a disabled permit/plate issued by the Department of Motor Vehicle can park in specially marked disabled spaces on campus. The CHP routinely patrol disabled parking spaces on campus and may require proof of disability. A disabled parking permit/plate does NOT guarantee or reserve a disabled parking space. These parking spaces are available only on a first-come, first-serve basis. Even though the college meets State of California requirements for the number of disabled parking spaces, the availability of these parking spaces may be insufficient at certain times of the day. DSPS provides rides to the upper campus for disabled students. Please contact the DSPS office at (530) 283-0202, ext. 255 to make transportation arrangements.

A disabled parking permit does NOT entitle you to park in the spaces reserved for wheelchair-only parking, unless your permit specifically designates this type of parking. ANY vehicle in a wheelchair-only parking space will be ticketed unless that vehicle is specifically authorized to park in this space. Parking is prohibited in the loading zone in front of Human Resources. This is strictly for commercial purposes.

The disabled permit must be clearly displayed in the vehicle while the vehicle is parked in disabled parking spaces. If the permit is not displayed the student/employee will be held responsible for any parking ticket received.

Students/employees with a disabled permit/plate must also purchase and properly display an FRC parking permit.

# EARNING A DEGREE AT FRC

## PHILOSOPHY AND CRITERIA FOR ASSOCIATE DEGREES

General Education must account for a minimum of 18 semester units and up to 24 units of a student's overall college units, in the following arrangement.

**Area A:** Communication and Language: Courses in communication and language are those that develop for the student the principles and applications of language toward logical thought, clear and precise expression and critical evaluation of communication in whatever symbol system the student uses.

**Area B:** Natural Science and Quantitative Reasoning: Courses in the natural sciences are those that examine the physical universe, its life forms, and its natural phenomena. To satisfy the General Education requirement in natural sciences, a course shall be designated to help the student develop an appreciation and understanding of the relationships between science and other human activities. This category would include introductory or integrative courses in astronomy, biology, chemistry, general physical science, geology, mathematics, physical geography, physical anthropology, physics and other scientific disciplines.

**Area C:** Humanities: Courses in the humanities are those that study the cultural activities and artistic expressions of human beings. To satisfy the General Education requirement in the humanities, a course shall be designed to help the student develop an awareness of the ways in which people throughout the ages and in different cultures have responded to themselves and the world around them in artistic and cultural creation, and help the student develop aesthetic understanding and an ability to make value judgements. Such courses could include introductory or integrative courses in the arts, foreign languages, literature, philosophy, and religion.

**Area D:** Social and Behavioral Sciences: Courses in the social and behavioral sciences are those that focus on people as members of society. To satisfy the General Education requirement in social and behavioral sciences, a course shall be designed to develop an awareness of the method of inquiry used by the social and behavioral sciences. It shall be designated to stimulate critical thinking about the ways people act and have acted in response to their societies and should promote appreciation of those societies and how social subgroups operate. This category would include introductory or integrative survey courses in cultural anthropology, cultural geography, economics, history, political science, psychology, sociology and related disciplines.

**Area E:** American Institutions: One course as defined by the Curriculum Committee and specified in the college catalog.

**Area F:** Wellness: As defined by the Curriculum Committee and specified in the college catalog.

Students pursuing an associate degree shall have the option of substituting the California State University (CSU) Breadth General Education or the Intersegmental General Education Transfer Curriculum (IGETC) requirements for the college's General Education requirements.

## PHILOSOPHY AND CRITERIA FOR BACCALAUREATE DEGREES

Students completing a baccalaureate degree shall complete the CSU General Education pattern or Intersegmental General Education Transfer Curriculum general education pattern.

The college shall require a minimum of 9 additional semester units of upper division General Education courses. Upper division General Education courses should come from at least two disciplines outside of the major, one of which must have an emphasis in written communication, oral communication or computation. The Curriculum Committee shall define the relevant upper division coursework required at the college for completion of a baccalaureate degree.

Upper division courses are defined as requiring lower division knowledge and applying that knowledge as demonstrated measures of critical thinking through writing, oral communication or computation. Upper division coursework may also encompass research elements, workforce training, apprenticeships, internships, required practicum or capstone projects. Upper division courses typically will have one or more lower division or upper division prerequisites that have been established using content review of the entry skills necessary to be successful as outlined in Title 5, Section 55003.

Courses that have been designated as upper division are only intended to be applicable to baccalaureate degrees.

## ASSOCIATE DEGREE REQUIREMENTS

To graduate with an Associate Degree from Feather River College a student must:

1. Complete a minimum of 60 semester units (or greater if required by the major). In order to submit a Degree/Certificate Graduation Application, a student must either: 1) have completed a minimum of 12 semester units at FRC and be enrolled at FRC during the semester the student submits the application, OR 2) have previously completed a minimum of 32 units of associate degree applicable units at FRC.

- A minimum of 23 semester units of FRC General Education Core courses selected from areas A through F must be completed or completion of either the CSU Breadth Requirements or the IGETC.
  - Students must successfully complete with a "C" or better English 101 (Composition & Reading) and one 4-unit Math course at the level of Intermediate Algebra or higher.
  - Complete all courses required for the major with a "C" or better in each course.
  - A maximum of 12 semester units of Pass/No Pass grades may be applied to the Associate Degree but no Pass/No Pass grades may be applied to courses required for the major except in cases where required courses are only available with a Pass/No Pass option.
  - A maximum of 16 semester units of Cooperative Work Experience (CWEE 102-122), or a maximum of 6 semester units of General Work Experience (CWEE 010) may be applied to the Associate Degree.
  - Students may count a maximum of 6 units of activity courses as electives towards the total number of units required for an associate degree. Students should be aware of transfer limitations on some activity classes. Please work with an academic advisor.
  - Courses numbered in the 001-005 and all noncredit courses may not be applied to the Associate Degree.
  - Students may use up to two (2) courses (not to exceed eight units total) required for their major to also meet General Education requirements.
  - Students completing an associate degree for transfer (AA-T or AS-T) can use as many courses as are permitted by the degree to count toward the general education and major requirements.
  - Students completing a high unit major (24 or more units) can use up to 16 units of coursework as permitted by the degree to be counted towards the general education and major requirements.
2. Maintain a minimum cumulative grade point average (GPA) of 2.0.
  3. Submit a completed Degree/Certificate Graduation Application to the Admissions & Records Office before the published deadline. Following a review of the student record to determine that all requirements have been met, a letter will be sent to the student by the Admissions & Records Office with important graduation information.

## CERTIFICATE REQUIREMENTS

FRC offers an array of occupational certificate programs that provide a course of study preparing students directly for employment or self-employment upon completion of the program. Generally, certificate programs are developed through the collaboration of faculty and industry leaders who serve on Advisory Committees for the occupational disciplines. There are three types of certificates recognized by the College: Certificates of Achievement (usually 18 or more units), Certificates of

Specialization (usually fewer than 18 units, not posted to the student's transcript), and Certificates of Completion (for non-credit certificates). Please work with your advisor and program faculty to establish an education plan that allows you to reach your goal.

In order to earn a certificate, you must meet the following requirements:

- No more than 50% of certificate's units may be taken at another college.
- Maintain a minimum cumulative grade point average of 2.0 for both Certificates of Achievement and Certificates of Specialization.
- All courses taken toward the completion of a certificate must be taken for a letter grade, except where courses are only available with a Pass/No Pass (P/NP) option.
- Submit a completed Degree/Certificate Graduation Application to the Admissions & Records Office before the published deadline. Following a review of the student record to determine that all requirements have been met, a letter will be sent to the student by the Admissions & Records Office with important graduation information.

## CATALOG RIGHTS

Catalog rights refer to the right of every student maintaining continuous enrollment at FRC to choose one, and only one, catalog under whose course requirements the student is to be evaluated for the purpose of determining whether the student meets FRC graduation requirements. Students maintaining continuous enrollment may select the catalog which was in effect when the student initially enrolled at FRC or any catalog in effect thereafter through and including the semester when the student applies for graduation. Continuous enrollment in this instance is defined as completing at least one course in each academic year.

## MULTIPLE MAJORS

The following rules apply to granting multiple majors:

1. The General Education Core to be used must match those stipulated under Catalog Rights
2. Major course work may be divided into two parts:
  - Courses required for the major (core) and
  - Courses listed as electives for the major. A particular major may, for example, require 24 units of major core, and 6 units of major electives. By this policy, 2 major elective units used in one major may be used to satisfy elective units for other majors.
3. Coursework applied to the General Education section, of an initial degree or majors may be used to satisfy the General Education section of multiple degrees or majors.

# FEATHER RIVER COLLEGE GENERAL EDUCATION REQUIREMENTS ASSOCIATE DEGREE

(Minimum 23 Units)

## **A COMMUNICATION | 6 UNITS**

### **A1 ENGL101 (3 UNITS)**

### **A2 CRITICAL THINKING (3 UNITS)**

ENGL 102, 103, 118, 119, 120

PHIL 101, 102

## **B NATURAL SCIENCE | 7 UNITS**

### **B1 LIFE OR PHYSICAL SCIENCE (must include lab)**

AGAS 120

AGPS 210

ANTH 120 and 120L

BIOL 100, 102, 104, 106, 110, 112, 210, 264

CHEM 102, 104, 106

ENVR 120, 142 and 142L, 160, 210, 220, 240, 250, 264, 266

GEOG 102, 104, 120

PHSC 120 AND 120L

PHYS 102, 104, 140, 202, 204, 206

### **B2 MATH**

MATH 015, 018, 020, 110, 114, 116, 150, 202, 218, 220, 222, 224

## **C HUMANITIES | 3 UNITS**

ART 100, 107, 109, 116, 117, 122, 166, 172, 174

ASL 130, 132

ENGL 128, 170, 180, 185, 228, 245, 246, 252, 254, 256, 257, 277

ENVR 102

ETHN 150, 185

FRN 101, 102

HUMN 100, 101, 110, 112, 128

MUS 101, 150

PHIL 100, 101, 102, 103

SPAN 101, 102

THEA 105, 106

## **D SOCIAL AND BEHAVIORAL SCIENCE | 3 UNITS**

ADMJ 102, 112, 152, 203

ANTH 100, 103, 106, 120, 150

BUS 106, 108

BIOL 135

ECE 140, 153, 160, 162

ENVR 180

ETHN 130, 135, 140

GEOG 104, 125

HIST 108, 110, 111, 112, 120, 130, 135, 140, 160

ORL 110

POL 101, 110, 120, 130, 140, 150, 160, 180

PSY 102, 130, 152

SOC 100, 102, 110, 140, 150, 160

SOJU 100, 130

SWHS 110

## **E AMERICAN INSTITUTIONS | 3 UNITS**

HIST 108, 110, 140

POL 101, POL/SOC/ETHN140

## **F HEALTH & EXERCISE STUDIES | 1 UNIT**

Any Health and Exercise Studies activity course or Outdoor Recreation Leadership activity course or AGEQ 103, BIOL 135, HES/HLTH 100, 105, HES/NCA 170, PSY 102

# CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION BREADTH REQUIREMENTS

## **A COMMUNICATION IN THE ENGLISH LANGUAGE AND CRITICAL THINKING | 9 UNITS**

*(one course from A1, A2, and A3)*

- A1 ENGL 118, 119, 120
- A2 ENGL 101
- A3 ENGL 102, 103, PHIL 101, 102

## **B PHYSICAL UNIVERSE AND ITS LIFE FORMS | 10 UNITS**

*(Complete two science courses, one Physical Science (B1) and one Life Science (B2) - one course must have a lab (B3) identified by "\*" In addition to completing Math/Quantitative Reasoning (B4)) NOTE: Only 9 units required in AREA B per USC system.*

- B1 AGPS 210\* CHEM 100\*, 102\*, 104\*, 106\*, ENVR 142, 142L\*, 210\* GEOG 102, GEOL 102\*, 104\*, 120\* PHYS 102\*, 104\*, 140\*, 202\*, 204\*, 206\* PHSC 120, 120L\*
- B2 AGAS 120\* AGPS 104, ANTH 120, 120L\*, BIOL 100\*, 102\*, 104\*, 106\*, 110\*, 112\*, 120, 210\*, 264\* ENVR 120, 142, 142L\*, 160\*, 220\*, 240\*, 264\*
- B3\* One course from B1 or B2 must include a lab component
- B4 MATH 110, 114, 116, 150, 202, 218, 220, 222, 224

## **C ARTS, LITERATURE, PHILOSOPHY, FOREIGN LANGUAGES | 9 UNITS**

*(must include at least one course from each category)*

- C1 ART 100, 109, 116, 117, 122, 124, 126, 128, 136, 166, 172, 174, ENGL 128 HUM 100, 101, 128, MUS 101, THEA 105, 106
- C2 ASL 130, 132 ENGL 170, 180, 228, 245, 246, 252, 254, 256, 257, 277 FRN 101, 102, HIST 108, 110, 111, 112 HUMN 110, 112, 228, PHIL 100, 101, 102, 103 SPAN 101, 102, 201, 204

## **D SOCIAL, POLITICAL AND ECONOMIC INSTITUTIONS AND BEHAVIOR, HISTORICAL BACKGROUND | 6 UNITS**

*(no fewer than nine semester units, with courses taken in at least two disciplines)*

- Administration of Justice: ADMJ 102, 203
- Agriculture Business: AGAB 124
- Anthropology: ANTH 100, 103, 106, 130, 150
- Business: BUS 106, 108
- Early Childhood Education: ECE 153, 162
- Environmental Studies: ENVR 102, 180
- Geography: GEOG 104, 125
- History: HIST 108, 110, 111, 112, 120, HIST/ETHN 130, HIST/ETHN 135, 140, 160
- Political Science: POL 101, 130, 140, 150, 160, 180
- Psychology: PSY 102
- Sociology: SOC 100, 102, 140, 150, 160

## **E LIFELONG UNDERSTANDING AND SELF DEVELOPMENT | 3 UNITS**

*(An activity course can count as no more than 1 unit for Area E, regardless of the unit value of the course.)*

- AGEQ 103, BIOL 135, COLL 100, HES 100, 113, 119, 120, HLTH 100, HES/NCA 170, PSY 102

## **F ETHNIC STUDIES | 3 UNITS**

*(The requirement to take a 3 semester (4 quarter) unit course in Area F shall not be waived or substituted.)*

- ETHN/POL/SOC 140

## **AMERICAN INSTITUTIONS EDUCATION CODE REQUIREMENT**

EXECUTIVE ORDER 405 AMERICAN INSTITUTIONS: *(One from each group)*

- US-1: HIST 108, 110
- US-2 and US-3: POL 101 (satisfies both)



## INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)

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

**All courses must be completed with grades of "C" or better. Consult with your counselor/advisor for more detailed information.**

### AREA 1 ENGLISH COMMUNICATION | 6-9 UNITS

*CSU: Three courses required, one from each group below*

*UC: Two courses required, one from Group A and one from Group B below*

Group A: English Composition - 3 units  
English 101

Group B: Critical Thinking - 3 units  
English 103

Group C: Oral Communication - 3 units (CSU only)  
English 120

### AREA 2 MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING | 4 UNITS

*CSU/UC: One course from below*

Mathematics: +110, +116, 202, 218, 220, 222, 224

### AREA 3 ARTS AND HUMANITIES | 9 UNITS

*CSU/UC: Three courses from below, one must be from Arts and one from Humanities.*

Arts: Art 100, 124, 166, 172, 174, English 128, Humanities 100, 101, 128, Music 101

Humanities: English 180, 245, 256, 257, 277, History 108, 110, 111, 112, Humanities 110, 112, Philosophy 100, 102, +103

*+Indicates that transfer credit may be limited by either UC or CSU or both. Please see Assist for details at [www.assist.org](http://www.assist.org).*

### AREA 4 SOCIAL AND BEHAVIORAL SCIENCES | 9 UNITS

*CSU/UC: Three courses from at least two disciplines*

Anthropology: ANTH 100, +103, 106, 150, Business: BUS 106, 108

Early Childhood Education: ECE 153, 162, Environmental Studies: ENVR 102

Ethnic Studies: ENTH 130, 135, 140 Geography: GEOG 104, 125,

History: HIST 108, 110, 111, 112, 120, 130, 135, 140, Political Science: POL 101, 130, 140, 150, 160,

Psychology: PSY 102, Sociology: SOC 100, 102, 140, 150, 160

*+Indicates that transfer credit may be limited by UC or CSU or both. Please consult with a counselor/advisor.*

### AREA 5 PHYSICAL AND BIOLOGICAL SCIENCES | 7-9 UNITS

*CSU/UC: At least two courses, one from 5A and one from 5B. One course must have a lab identified by "\*"*

5A Physical Science:  
Chemistry 102\*, 104\*, 106\*, Environmental Studies 142, 142L\*  
Geology 102\*, 104\*, 120\* , Geography 102  
Physical Science 120, 120L\*, Physics 102\*, 104\*, 202\*, 204\*, 206\*

5B Biological Science:  
Anthropology 120, 120L\*, Biology 100\*, 102\*, 104\*, 106\*, 210\*

### AREA 6 LANGUAGE OTHER THAN ENGLISH | 4-5 UNITS

*(UC Requirement Only)*

**Must complete two years of high school level work in the same foreign language with a grade of "C" or better OR earn a score of 3 or higher on a foreign language Advanced Placement test OR 550 on the College Board Achievement Test in Foreign Language OR complete 4-5 units from the courses below:**

American Sign Language 132 , French 102, 201, Spanish 102, 201, 204

### U.S. HISTORY, CONSTITUTION AND AMERICAN IDEALS (CSU Requirement Only)

*NOTE: This requirement is NOT part of IGETC, but it may be completed prior to transfer.*

CSU-Group 1: Historical Development of American Institutions and Ideals (HIST 108, 110)

CSU-Group 2: U.S. Constitution and Government (POL 101)

## UNIVERSITY OF NEVADA, RENO

Completion of either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University Breadth Requirement (CSU), or the Associates of Arts for Transfer (AA-T) or the Associates of Science for Transfer (AS-T) may satisfy the lower-division general education requirements at UNR. Certification of the IGETC or CSU Breadth must be provided from the institution as a separate official document or listed on the transcript. The AA-T or AS-T must be listed on the transcript from the California Community College. Courses not listed may be evaluated on an individual basis.

*NOTE: If you have declared a major, please refer to the University Catalog for specific college requirements in the Silver Core Curriculum.*

### CORE CURRICULUM REQUIREMENTS

#### Silver Core Writing | 3-6 units - CO1, CO3

UNR ENG 101: ENGL 101

UNR ENG 102: ENGL 102 or ENGL 103

#### Silver Core Mathematics | 3 units minimum - CO2

MATH 108, 108 & 110, 110, 116, 202, 218

#### Silver Core Natural Sciences | 6 units minimum - CO4, CO4L

*Choose two courses. At least one course used here must include an appropriate Lab experience:*

CO4L: ANTH 120 & 120L, BIOL 100, 104, 106; CHEM 102, 104; ENVR 142 & 142I; GEOL 102, 104;  
PHYS 102, 104, 202, 204, 206

CO4: BIOL 104

#### Silver Core Social Sciences | 3 units - CO6

ANTH 100, 130; BUS 106, 108; GEOG 104; POL 101, 130, 150; PSY 102; SOC 102

#### Silver Core Fine Arts | 3 units - CO7

ART 100, 116, 140, 166, 172, 174; HUMN 100, 101, 128; MUS 101; THEA 105

#### Silver Core Humanities | 6 units - CO5, CO8

History and Culture (3 units)

CH 201 Substitution: HIST 102; HIST 111 **OR** CH 202 Substitution: HIST 104; HIST 112

United States and Nevada Constitutions (3 units)

CH 203 Substitution: HIST 108 OR POL 101 and one of the following must be completed at UNR for full CH 203 credit: HIST 217; PSC 100

After matriculation to the University of Nevada, Reno, students may not take substitute courses for Core Humanities. Students must satisfy any remaining CH requirements by completing the required CH courses.

### ADDITIONAL SILVER CORE REQUIREMENTS

Complete the courses listed below at Feather River College to meet the lower division additional Silver Core requirements for your major program at the University of Nevada, Reno.

#### Science, Technology & Society | CO9

CHEM 104

#### Diversity & Equity | CO10

PHIL 103

#### Global Context Course | CO11

Select one course from the following:

GEOG104; PHIL 103; POL 130

#### Ethics Course | CO12

PHIL 102

#### Capstone Integration & Synthesis Course | CO13

Complete this upper-division requirement at UNR

#### Application Course | CO14

Complete this upper-division requirement at UNR



# ACADEMIC MAJORS

## ASSOCIATE IN ARTS

Administration of Justice  
Business  
Early Childhood Education  
Education:  
    Liberal Studies Teacher Preparation  
General Studies:  
    Arts & Humanities  
    Social & Behavioral Sciences  
Geography  
Graphic Design  
History  
Liberal Arts:  
    Fine Arts & Humanities  
    Social & Behavioral Sciences  
Nutrition, Foods & Culinary Arts  
Outdoor Recreation Leadership  
Political Science  
Sociology  
Studio Arts

## ASSOCIATE IN SCIENCE

Biology  
Environmental Science  
Environmental Studies  
Equine Studies  
Geology  
Health and Exercise Sciences  
Licensed Vocational Nursing  
Mathematics  
Office Technology  
Physical Science  
University Studies - Agriculture

## BACHELORS OF SCIENCE

Equine and Ranch Management

### Transfer

If you are planning to transfer to a four-year school, work with your advisor to make sure you address any general education requirements that you may wish to transfer from Feather River College. (Please see IGETC, CSU, or UNR General Ed transfer sheets.)

## TRANSFER DEGREES (T)

Administration of Justice: AS-T  
Anthropology: AA-T  
Business Administration: AS-T  
Early Childhood Education: AS-T  
English: AA-T  
Geology: AS-T  
History: AA-T

Kinesiology: AA-T  
Mathematics: AS-T  
Political Science: AA-T  
Social Justice Studies: AA-T  
Social Work and Human Services: AA-T  
Sociology: AA-T  
Studio Arts: AA-T

## Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T)

The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746- 66749) guarantees admission to a California state University (CSU) campus for any community college student who completes an "associate degree for transfer," a newly established variation of the associate degrees traditionally offered at a California community college. The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that does accept the AA-T or AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major).

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

1. Completion of a minimum of 60 CSU-transferable semester units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor or advisor for more information.
3. Completion of a minimum of 18 semester units in an "AA-T" or "AS-T" major as detailed in the Academic Majors section of the catalog. All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a "pass-no pass" basis (title 5 § 55063).
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) (see page 43 for more information); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern (see pages 50-51 in the catalog for more information).
5. Students completing an associate degree for transfer (AA-T or AS-T) can use as many courses as are permitted by the degree to count toward the general education and major requirements.

Students should note that no more than 60 units are required and that no additional requirements will be imposed by Feather River College. In addition, no remedial or non-collegiate level coursework will be counted in the total units for the degree.

This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor or advisor when planning to complete the degree for more information on university admission and transfer requirement.

# ADMINISTRATION OF JUSTICE

## Degree

A.A. Administration of Justice  
A.S.-T Administration of Justice

## Certificate of Achievement

Forensic Crime Scene Investigation

## Program Description

The Administration of Justice Program at Feather River College is designed to give students a basic foundation in the three major areas of the criminal justice system: law enforcement, courts and prosecution, and corrections. Students entering this program may consider careers as police officers, corrections personnel, probation and parole officers, juvenile officers, wildlife enforcement officers, and other social services positions. Program courses will acquaint students with the American Justice System as well as some comparative systems world-wide. Students will study causes of crime and the roles of administration of justice practitioners in responding to criminal acts. Criminal law and evidence procedures are themes found in most courses. The program at FRC also includes the study of terrorism, crime scene investigation and multiculturalism. The Administration of Justice Program provides transfer opportunities to four-year universities in the areas of Administration of Justice, Criminal Justice, and Public Administration.

## ASSOCIATE OF SCIENCE IN ADMINISTRATION OF JUSTICE FOR TRANSFER

### Major Core Requirements

		Units
ADMJ 102	Introduction to Administration of Justice	3
ADMJ 204	Criminal Law And Procedure	3

### Elective List A

*(select 6 units from below)*

ADMJ 105	Community And Human Relations	3
ADMJ 106	Introduction To Evidence	3
ADMJ 108	Introduction To Investigations	3
ADMJ 114	Juvenile Justice	3
ADMJ 120	Introduction To Corrections	3
ADMJ 126	Crime Scene Investigation	3

### Elective List B

*(select 6 units from below)*

ADMJ 112	Introduction To Criminology	3
ADMJ 116	Vice, Narcotics, And Organized Crime	3
ADMJ 118	Police Field Operations	3
ADMJ/ENVR 125	Wildlife Law And Issues	2
ADMJ 128	Introduction To Terrorism	3
ADMJ 203	Introduction to Multiculturalism	3
PSY 102	Introductory Psychology	3
SOC 102	Introduction to Sociology	3
MATH 202	Elementary Statistics	4

**Total Major Requirements..... 18**

**Pursuant to California Education Code 66746, students completing the Associate Of Science in Administration of Justice For Transfer Degree are expected to meet the following:**

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.

**ASSOCIATE OF ARTS IN ADMINISTRATION OF JUSTICE**

**Major Core Requirements**

		<b>Units</b>
ADMJ 102	Introduction to Administration of Justice	3
ADMJ 204	Criminal Law And Procedure	3

**Elective Courses, List A**

*(Select 6 units from below)*

ADMJ 105	Community And Human Relations	3
ADMJ 106	Introduction To Evidence	3
ADMJ 108	Introduction To Investigations	3
ADMJ 114	Juvenile Justice	3
ADMJ 120	Introduction To Corrections	3
ADMJ 126	Crime Scene Investigation	3

**Elective Courses, List B**

*(Select 6 units from below)*

ADMJ 112	Introduction To Criminology	3
ADMJ 116	Vice, Narcotics, And Organized Crime	3
ADMJ 118	Police Field Operations	3
ADMJ/ENVR 125	Wildlife Law And Issues	2
ADMJ 128	Introduction To Terrorism	3
ADMJ 203	Introduction to Multiculturalism	3
PSY 102	Introductory Psychology	3
SOC 102	Introduction to Sociology	3
MATH 202	Elementary Statistics	4

**Total Major Requirements ..... 18**

**To earn an A.A. Degree in Administration of Justice**

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

## CERTIFICATE OF ACHIEVEMENT IN FORENSIC CRIME SCENE INVESTIGATION

<b>Certificate Core Requirements</b>		<b>Units</b>
ADMJ 108	Introduction To Investigations	3
ADMJ 126	Crime Scene Investigation	3
ADMJ 204	Criminal Law And Procedure	3
ANTH 200	Introduction To Forensic Anthropology	3
ART 150	Introduction To Photography	3

### **Certificate Electives**

*(Select a minimum of 4 units or 1 lecture with lab, from below.)*

ANTH 120	Physical Anthropology	3
ANTH 120L	Physical Anthropology Lab	1
BIOL 100	Concepts in Biology	4
BIOL 110	Human Anatomy	4
CHEM 102	General Chemistry I	5

**Total Certificate Requirements.....19-20**

### **Student Learning Outcomes**

- **Communication:** Written and oral communication skills in disciplines and professions related to the Criminal Justice System. This includes the ability to convey information and work effectively with groups of varying sizes, as well as different audience levels.
- **Multidisciplinary perspective:** The ability to speak the language of the various disciplines representing the Criminal Justice system keeps graduates competitive in an increasingly interrelated and competitive market.
- **Knowledge:** A quantitative and qualitative understanding of how the Criminal Justice System functions, how technology is used, how public policy drives the system, and how the various system components ensure safe and high-quality communities.
- **Application skills:** Proficiency in disciplines related to the Criminal Justice System is an outcome of quality practice. Investigative skills are taught and practiced regularly at FRC, both in mock crime scenes and the classroom.
- **Professional ethics:** Ethical considerations of all related Criminal Justice System disciplines will be the focal point of AJ students' studies. Ethical considerations are the very core of decisions involving police powers. FRC students are encouraged to question the intended and unintended consequences of the Criminal Justice system.
- **Understanding multiculturalism:** An appreciation for responsibly interacting and respecting the diverse populations of the community, understanding the tensions that may exist between minority communities and the police, striving toward a balance between meeting today's needs for law enforcement and respecting human rights.



# AGRICULTURE

## Degree

B.S. Equine and Ranch Management

A.S. Equine Studies

A.S. University Studies - Agriculture

## Certificate of Achievement

Equine Studies

## Certificate of Specialization

General Agriculture

Ranch Technology

Fundamentals of Ranch Skills

Fundamentals of Pack Station & Stable Operations

Fundamentals of Horse Training Skills

Fundamentals of Rodeo Techniques

Fundamentals of Western Horse Show Techniques

## Program Description - B.S. Equine and Ranch Management

Program Description: The Bachelor of Science: Equine and Ranch Management combines scientific agricultural management courses with a hands-on livestock experience. It incorporates both traditional and progressive ranch management, and performance horse methods. The degree provides a hands-on learning environment with a comprehensive curriculum, outstanding instructional facilities, exceptional full-time faculty and staff, and extensive agriculture industry connections, all to ensure students will acquire the practical, intellectual and communication skills necessary to meet the needs of the agriculture industry. Students pursuing the Bachelor of Science Degree can choose to take extra courses throughout their time at Feather River College and graduate with both an associates degree and a bachelor's degree. They can choose to receive an Associate of Science Degree in the Agriculture or Equine Studies Field upon completion of the required courses of these degrees. **Acceptance into the Equine and Ranch Management**

## Bachelor Degree Program is required prior to enrollment in upper division courses.

To complete the **120 unit** requirement for the Equine and Ranch Management Degree, students must:

1. Complete the CSU-GE breadth certification requirements including the Equine and Ranch Management
2. Recommended general education courses for a total of 42-43 units of lower division general education.
3. Complete the Lower Division Major Course Requirements for 22 units.
4. Complete the Upper Division Core Requirements, and General Education requirements for a total of 33 units
5. Complete a minimum of 23 units of upper and lower division electives.

## BACHELOR OF SCIENCE IN EQUINE AND RANCH MANAGEMENT ~ LOWER DIVISION

### Lower Division General Education Requirements (40-43 units). To be completed by applicants applying for upper division standing.

*The following lower division courses are required to be completed by the Bachelor's Degree student and will fulfill CSU breadth requirements. Areas with no degree requirements are indicated by the STUDENT CHOICE label. A student can choose any course in that area as long as it fulfills the CSU breadth requirements. All courses within the major requirements must be completed with a C or better.*

	UNITS
<b>Area A: Communication in the English Language and Critical Thinking</b>	
<b>A1 fulfillment:</b> <i>STUDENT CHOICE in CSU Breadth Area A1</i>	3
<b>A2 fulfillment:</b> <i>STUDENT CHOICE in CSU Breadth Area A2</i>	3
<b>A3 fulfillment:</b> <i>STUDENT CHOICE in CSU Breadth Area A3</i>	3
<b>Area B: The Physical Universe and Its Life Forms</b>	
<b>B1 fulfillment (choose one):</b>	
AGPS/ENVR 210      Introduction to Soil Science	3
CHEM 100            Chemistry and Society	4
CHEM 102            General Chemistry I	5
<b>B2 and B3 fulfillment (choose one):</b>	
AGAS 120            Introduction To Animal Science	3
AGPS 104            Introduction to Plant Science	3
BIOL 100            Concepts in Biology	4
BIOL 102            Cell and Molecular Biology	4
BIOL 104            Animal Biology, Evolution and Ecology	4
BIOL 106            Plant Biology, Evolution and Ecology	4
<b>B4 fulfillment:</b>	
MATH 202            Elementary Statistics	4
<b>Area C: Arts, Literature, Philosophy, Foreign Languages</b>	
<b>C1 fulfillment:</b> <i>STUDENT CHOICE in CSU Breadth Area C1</i>	3
<b>C2 fulfillment:</b> <i>STUDENT CHOICE in CSU Breadth Area C2</i>	3
<b>C1 or C2 fulfillment:</b> <i>Choose one additional course from either C1 or C2</i>	3
<b>Area D: Social, Political Institutions and Behavior, Historical Background</b>	
<b>D fulfillment:</b> <i>STUDENT CHOICE (See US-1 for recommendations)</i>	3
<b>D fulfillment:</b> <i>STUDENT CHOICE (See US-2 for recommendations)</i>	3
<b>D fulfillment: CHOOSE ONE</b>	
BUS 106              Principles of Economics-Macro	3
ENVR/POL 180      Environmental Policy	3
<b>Area E: Lifelong Understanding and Self Development</b>	
<i>STUDENT CHOICE</i>	3
<b>American Institutions Requirement</b> <i>(Counted in a separate area above)</i>	
<b>US-1 fulfillment (Counts for Area C2 or D: choose one):</b>	
HIST 108            The United States to 1877	
HIST 110            The United States Since 1865	
<b>US-2 fulfillment (also counts for Area D):</b>	
POL 101             American Government and Politics	

## Lower Division Major Course Requirements

The following lower division courses are major course requirements for the Bachelor of Science Degree. Students must complete these courses to participate in the upper division course work.

AGAB 110	Introduction To Agriculture Business	3
AGAB 150	Agriculture Computer Applications	3
AGAS 125	Animal Feeds And Nutrition	3
AGAS 170	Elements Of Beef Cattle Science	3
AGEQ 102	Elements Of Equine Science	3
AGMA 160	Introduction To Mechanized Agriculture	3
BUS 102	Financial Accounting	4

**Total Lower Division Requirements .....22**

## Bachelor of Science Lower Division Requirements

General Education 40-43 units

**-AND-**

Lower Division Major Courses 22 units

**Total Lower Division Units: ..... 62-65**

## BACHELOR OF SCIENCE IN EQUINE AND RANCH MANAGEMENT - UPPER DIVISION

### Upper Division Core Requirements Units

AGAB 335	Equine and Ranch Management Entrepreneurship	3
AGAB 465	Equine and Ranch Enterprises	3
AGAS 421	Equine Production and Management	3
<b>-OR-</b> AGAS 423	Beef Cattle Production and Management	3
AGAS 313	Equine and Bovine Health and the Prevention and Control of Disease	3
AGPS 300	Pasture, Rangeland and Forage Management	3
AGMA 404	Livestock Facilities Maintenance and Management	3
CWEE 418	Equine and Ranch Management Internship	6

### Upper Division General Education

ENGL 310	Applied Professional and Technical Communication and Composition	3
ENGL 416	Research Methods in Equine and Ranch Management Current Topics and Issues	3
ENVR 480	Human Dimensions of Natural Resources	3
<b>-OR-</b> HIST 400	The American West	3

### Upper Division Career Electives

(Select a minimum of 9 upper division units)

AGAS 302	Advance Techniques in Equine Training-Fall	2
AGAS 303	Advanced Techniques in Equine Training Spring	2
AGAS 307	Advanced Techniques in Equine Sale Preparation I	2
AGAS 308	Advanced Techniques in Equine Sale Preparation II	2
AGAS 360	Technical Veterinary Skills	3
AGAB 364	Promotion and Marketing in the Equine and Beef Cattle Industry	3
AGPS 370	Soil Fertility and Plant Nutrition	4
AGAB 410	Equine and Ranch Management Leadership Seminar	3
AGAS 450	Applied Beef Cattle Reproductive Management	1-2
AGAS 455	Applied Equine Reproductive Management	1-2
AGAS 350	Reproduction, Breeding Systems, and Genetics of Livestock	3
AGAS 402	Training of the Hackamore Horse	2
AGAS 403	Training of the Bridle Horse	2

### General Electives

May consist of lower or upper division courses to satisfy a minimum of 120 units required for a bachelor degree

**Total Upper Division Requirements ..... 120**

## Bachelor of Science Requirements

Lower Division Units	62-65 units
Upper Division Core Requirements	24 units
Upper Division General Education	9 units
Upper Division Career Options/Electives min.	9 units

### -AND-

General Electives	13-16 units
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**Total Units for B.S. Degree: ..... 120 units**

## ASSOCIATE OF SCIENCE IN EQUINE STUDIES

### Program Description

The courses offered in Equine Studies are designed to prepare students for a variety of professions in the horse industry or transfer to a higher institution. Students preparing for immediate entry into a horse career will find practical hands on courses designed to assist them in achieving their occupational goals. Through study and applied practice, students prepare for careers in four basic Equine Studies concentrations: Pack Skills, Ranch Skills, Horse Training Skills, and Rodeo Skills.

### Major Core Requirements

	<b>Units</b>
AGAS 120 Introduction To Animal Science	3
<b>-OR-</b> AGAS 125 Animal Feeds And Nutrition	3
AGEQ 009 Draft Horse Driving I	0.5
AGEQ 102 Elements Of Equine Science	3
AGEQ 103 Western Equitation I	2
AGEQ 104 Horse Conformation and Judging	1
AGEQ 106 Western Equitation II	2
AGEQ 123 Introduction to Farrier Science	1
AGEQ 140 Introduction to Equine Behavior and Training	2
AGEQ 141 Equine Behavior and Training	2
AGEQ 214 Handling and Care of the Foal, Weanling, and Yearling Horse - Fall	1
<b>-OR-</b> AGEQ 215 Handling and Care of the Foal, Weanling, and Yearling Horse - Spring	1
Agriculture Electives	5.5

### Major Electives (select 1 or more of the following four concentrations)

#### Pack Skills

AGEQ 107 Elements of Pack Station and Stable Operations	3
AGEQ 108 Fundamentals of Pack Station and Stable Operations Field Experience	2
AGEQ 109 Pack Station and Stable Operations Field Experience	2
<b>-OR-</b> AGEQ 208	

#### Ranch Skills

AGEQ 115 Elements of Horse Training I	0.5
<b>-OR-</b> AGEQ 116 Elements of Horse Training II	0.5
AGEQ 210 Introduction to Ranch Work with Horses	2
AGEQ 211 Applied Ranch Skills with Horses I	2
AGEQ 212 Applied Ranch Skills with Horses II	2
AGEQ 225 Ranch Horsemanship	0.5
<b>-OR-</b> AGEQ 226 Advanced Horsemanship	0.5

#### Horse Training Skills

AGEQ 204 Training Young Horses Under Saddle - Fall	2
AGEQ 205 Training Young Horses Under Saddle - Spring	2
AGEQ 206 Advanced Training of Young Horses	2
<b>-OR-</b> AGEQ 207	
AGEQ 115 Elements of Horse Training I	0.5
<b>-OR-</b> AGEQ 116 Elements of Horse Training II	0.5
AGEQ 226 Advanced Horsemanship	0.5

### Rodeo Skills

AGEQ 180	Rodeo Skills and Techniques – Men’s Events	2
<b>-OR-</b> AGEQ 181	Rodeo Skills and Techniques – Women’s Events	2
AGEQ 182	Intercollegiate Rodeo	2
AGEQ 184	Advanced Intercollegiate Rodeo	2
AGEQ 186	Rodeo Production	1

**Total Major Requirements.....30**

### To earn an A.S. Degree in Equine Studies

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

## ASSOCIATE OF SCIENCE IN UNIVERSITY STUDIES - AGRICULTURE

The Feather River College Agriculture Department specializes in providing students with hands-on learning opportunities in general agriculture and ranch management. For the associate of science in agriculture, students have the opportunity to focus on either General Agriculture or Agriculture Science, which will help them to find a career in the agriculture industry or transfer into a bachelor degree program.

### Major Core Requirements

Select 12 units from the areas of emphasis listed below to complete your major requirements. Then select 6 units from any of the courses listed under **General Agriculture, Agriculture Science, the Agriculture Electives**, or any other General Education courses to fulfill transfer requirements to a four-year institution and/or Agriculture career goals.

### General Agriculture

AGAB 110	Introduction To Agriculture Business	3
AGAB 112	Agriculture Sales And Communication	3
AGAB 124	Agriculture Economics	3
AGAB 150	Agriculture Computer Applications	3
AGAB 188	Farm Management	3
AGAB 190	Foundations of AgricultureCommunications	3
AGMA 108	Tractor Operation	3
AGMA 116	Agriculture Welding	3
AGMA 146	Introductory Agriculture Structural Technology	3
AGMA 160	Introduction To Mechanized Agriculture	3
AGPS 104	Introduction to Plant Science	3
AGPS/ENVR 210	Introduction to Soil Science	3

### Agricultural Science

AGAB 150	Agriculture Computer Applications	3
AGAS 120	Introduction To Animal Science	3
AGAS 125	Animal Feeds And Nutrition	3
AGAS 170	Elements Of Beef Cattle Science	3
AGEQ 102	Elements Of Equine Science	3
AGEQ 103	Western Equitation I	2
AGEQ 104	Horse Conformation and Judging	1
AGEQ 106	Western Equitation II	2
AGEQ 115	Elements of Horse Training I	0.5
AGEQ 116	Elements of Horse Training II	0.5
AGEQ 204	Training Young Horses Under Saddle - Fall	2
AGEQ 205	Training Young Horses Under Saddle - Spring	2
AGPS 104	Introduction to Plant Science	3
AGPS/ENVR 210	Introduction to Soil Science	3

## Major Core Requirements: Agricultural Electives

Students may choose other courses to fulfill transfer or career goals. (Minimum of 6 units)

AG 295	Community Service Learning In Agriculture	1-4
AG 299	Special Topics In Agriculture	1-4
AGEQ 140	Introduction to Equine Behavior and Training	2
AGEQ 141	Equine Behavior and Training	2
AGEQ 214	Handling and Care of the Foal, Weanling, and Yearling Horse - Fall	1
AGEQ 215	Handling and Care of the Foal, Weanling, and Yearling Horse - Spring	1
AGEQ 296	Special Projects in Equine Studies - Behavior And Training	1-4
AGMA 132	Advanced Agriculture Welding	3
AGMA 140	Beginning Agriculture Metal Fabrication	3
BUS 106	Principles of Economics-Macro	3
BUS 115	Business Law	3

**Total Major Requirements..... 18**

### To earn an A.S. Degree in University Studies - Agriculture

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

## CERTIFICATE OF ACHIEVEMENT IN EQUINE STUDIES

Certificate Requirements		Units
AGEQ 009	Draft Horse Driving I	0.5
AGEQ 102	Elements Of Equine Science	3
AGEQ 103	Western Equitation I	2
AGEQ 104	Horse Conformation and Judging	1
AGEQ 106	Western Equitation II	2
AGEQ 115	Elements of Horse Training I	0.5
AGEQ 116	Elements of Horse Training II	0.5
AGEQ 123	Introduction to Farrier Science	1
AGEQ 140	Introduction to Equine Behavior and Training	2
AGEQ 141	Equine Behavior and Training	2
AGEQ 204	Training Young Horses Under Saddle - Fall	2
AGEQ 205	Training Young Horses Under Saddle - Spring	2
AGEQ 214	Handling and Care of the Foal, Weanling, and Yearling Horse - Fall	1
-OR- AGEQ 215	Handling and Care of the Foal, Weanling, and Yearling Horse - Spring	1
AGEQ 225	Ranch Horsemanship	0.5
AGEQ 296	Special Projects in Equine Studies - Behavior And Training	1-4
-OR- AGEQ 297	Special Projects in Equine Studies: Summer/Fall Operations	1-4
-OR- AGEQ 298	Special Projects in Equine Studies: Winter/Spring Operations	1-4
-OR- AGEQ 299	Special Topics in Equine Studies	1-4
<b>Elective units selected from Agriculture or Equine Studies course list.</b>		<b>8</b>
<b>Total Certificate Requirements.....</b>		<b>30</b>

## CERTIFICATE OF SPECIALIZATION IN GENERAL AGRICULTURE

Certificate Requirements		Units
AGAB 110	Introduction To Agriculture Business	3
AGAB 150	Agriculture Computer Applications	3
AGAS 120	Introduction To Animal Science	3
<b>Choose 2 of the following:</b>		
AGAB 112	Agriculture Sales And Communication	3
AGAB 188	Farm Management	3
AGAS 170	Elements Of Beef Cattle Science	3
AGEQ 102	Elements Of Equine Science	3
AGMA 084	Ranch Operations: Fencing & Irrigation	3

AGMA 108	Tractor Operation	3
AGMA 116	Agriculture Welding	3
AGMA 140	Beginning Agriculture Metal Fabrication	3
AGMA 146	Introductory Agriculture Structural Technology	3
AGMA 160	Introduction To Mechanized Agriculture	3
BUS 130	Small Business Management	3
<b>Total Certificate Requirements.....</b>		<b>15</b>

### CERTIFICATE OF SPECIALIZATION IN RANCH TECHNOLOGY

<b>Certificate Requirements</b>		<b>Units</b>
AGMA 160	Introduction To Mechanized Agriculture	3
<b>Choose 4 of the following:</b>		
AGAB 150	Agriculture Computer Applications	3
AGAB 188	Farm Management	3
AGAS 170	Elements Of Beef Cattle Science	3
AGMA 084	Ranch Operations: Fencing & Irrigation	3
AGMA 108	Tractor Operation	3
AGMA 116	Agriculture Welding	3
AGMA 132	Advanced Agriculture Welding	3
AGMA 140	Beginning Agriculture Metal Fabrication	3
AGMA 146	Introductory Agriculture Structural Technology	3
AGPS 104	Introduction to Plant Science	3
<b>Total Certificate Requirements.....</b>		<b>15</b>

### CERTIFICATE OF SPECIALIZATION IN FUNDAMENTALS OF RANCH SKILLS

<b>Certificate Requirements</b>		<b>Units</b>
AGEQ 015	Western Horseback Riding for Beginning Riders	2
AGEQ 103	Western Equitation I	2
AGEQ 210	Introduction to Ranch Work with Horses	2
AGEQ 211	Applied Ranch Skills with Horses I	2
AGEQ 212	Applied Ranch Skills with Horses II	2
<b>Total Certificate Requirements.....</b>		<b>10</b>

### CERTIFICATE OF SPECIALIZATION IN FUNDAMENTALS OF PACK STATION & STABLE OPERATIONS

<b>Certificate Requirements</b>		<b>Units</b>
AGEQ 103	Western Equitation I	2
AGEQ 106	Western Equitation II	2
AGEQ 107	Elements of Pack Station and Stable Operations	3
AGEQ 108	Fundamentals of Pack Station and Stable Operations Field Experience	2
AGEQ 109	Pack Station and Stable Operations Field Experience	2
AGEQ 296	Special Projects in Equine Studies - Behavior And Training	1-4
-OR- AGEQ 297	Special Projects in Equine Studies: Summer/Fall Operations	1-4
-OR- AGEQ 298	Special Projects in Equine Studies: Winter/Spring Operations	1-4
-OR- AGEQ 299	Special Topics in Equine Studies	1-4
AGEQ 208	Advanced Pack Station and Stable Operations	2
<b>Total Certificate Requirements.....</b>		<b>15</b>

### CERTIFICATE OF SPECIALIZATION IN FUNDAMENTALS OF HORSE TRAINING SKILLS

<b>Certificate Requirements</b>		<b>Units</b>
AGEQ 103	Western Equitation I	2
AGEQ 115	Elements of Horse Training I	0.5
-OR- AGEQ 116	Elements of Horse Training II	0.5
-OR- AGEQ 117	Elements of Horse Training III	0.5
-OR- AGEQ 118	Elements of Horse Training IV	0.5

AGEQ 140	Introduction to Equine Behavior and Training	2
AGEQ 141	Equine Behavior and Training	2
AGEQ 204	Training Young Horses Under Saddle - Fall	2
AGEQ 205	Training Young Horses Under Saddle - Spring	2
-OR- AGEQ 206	Progressive Training of the Horse Under Saddle	2
AGEQ 225	Ranch Horsemanship	0.5
-OR- AGEQ 226	Advanced Horsemanship	0.5
-OR- AGEQ 227	Advanced Ranch Horsemanship	0.5
AGEQ 296	Special Projects in Equine Studies - Behavior And Training	1-4
-OR- AGEQ 297	Special Projects in Equine Studies: Summer/Fall Operations	1-4
-OR- AGEQ 298	Special Projects in Equine Studies: Winter/Spring Operations	1-4
-OR- AGEQ 299	Special Topics in Equine Studies	1-4
<b>Total Certificate Requirements.....</b>		<b>15</b>

## CERTIFICATE OF SPECIALIZATION IN FUNDAMENTALS OF RODEO TECHNIQUES

Certificate Requirements		Units
AGEQ 135	Conditioning the Horse and Rider I	0.5-3
-OR- AGEQ 136	Conditioning the Horse and Rider II	0.5-3
-OR- AGEQ 137	Conditioning the Horse and Rider III	0.5-3
-OR- AGEQ 138	Conditioning the Horse and Rider IV	0.5-3
AGEQ 180	Rodeo Skills and Techniques – Men’s Events	2
-OR- AGEQ 181	Rodeo Skills and Techniques – Women’s Events	2
AGEQ 182	Intercollegiate Rodeo	2
AGEQ 184	Advanced Intercollegiate Rodeo	2
AGEQ 186	Rodeo Production	1
AGEQ 280	Advanced Rodeo Skills and Techniques – Men’s Events	2
-OR- AGEQ 281	Advanced Rodeo Skills and Techniques – Women’s Events	2
AG 295	Community Service Learning In Agriculture	2
-OR- AGEQ 296	Special Projects in Equine Studies - Behavior And Training	2
-OR- AGEQ 297	Special Projects in Equine Studies: Summer/Fall Operations	2
-OR- AGEQ 298	Special Projects in Equine Studies: Winter/Spring Operations	2
-OR- AGEQ 299	Special Topics in Equine Studies	2
<b>Total Certificate Requirements.....</b>		<b>15</b>

## CERTIFICATE OF SPECIALIZATION IN FUNDAMENTALS OF WESTERN HORSE SHOW TECHNIQUES

Certificate Requirements		Units
AGEQ 103	Western Equitation I	2
AGEQ 104	Horse Conformation and Judging	1
AGEQ 106	Western Equitation II	2
AGEQ151	Introduction to Horse Event Competition and Showing Level I	2
AGEQ152	Introduction to Horse Event Competition and Showing Level II	2
AGEQ251	Advanced Horse Competition and Show Level I	2
-OR- AGEQ252	Advanced Horse Competition and Show Level II	2
AGEQ 296	Special Projects in Equine Studies - Behavior And Training	1-4
-OR- AGEQ 297	Special Projects in Equine Studies: Summer/Fall Operations	1-4
-OR- AGEQ 298	Special Projects in Equine Studies: Winter/Spring Operations	1-4
-OR- AGEQ 299	Special Topics in Equine Studies	1-4
<b>Total Certificate Requirements.....</b>		<b>15</b>

### Student Learning Outcomes

- Theoretical knowledge, practical experience and skills of modern procedures reflecting the technology and science based nature of agriculture and animal resource management.
- Knowledge of concepts and theories with a balance between production and protection of soil, plant, and animal resources.
- An ability to analyze data and solve problems related to the agricultural field utilizing the scientific method.
- A proficiency in critical thinking, reading, writing, and oral language skills in the agriculture occupational context.
- An ability to enter employment in a field of agriculture or transfer to a college of agriculture at a four-year university.



# ANTHROPOLOGY

## Degree

A.A.-T Anthropology

## Program Description

Anthropology is the study of the human species, its relatives and antecedents, everywhere and throughout time. As a discipline, it includes social sciences, biological sciences, earth sciences, and health sciences. It is often presented as a set of sub-disciplines: cultural anthropology, linguistic anthropology, physical anthropology, and archaeology. As such, anthropology involves the study of people, their origins, their biological variations and characteristics, their languages and cultural patterns, their social structures and institutions, and their adaptation to their environment

## ASSOCIATE OF ARTS IN ANTHROPOLOGY FOR TRANSFER

Major Core Requirements		Units
ANTH 100	Introduction to Cultural Anthropology	3
ANTH 120	Physical Anthropology	3
ANTH 130	Introduction to Archaeology	3

### List A

*(Select 4 units from below. Students must take MATH 202 but may additionally take ANTH 120L)*

ANTH 120L	Physical Anthropology Lab	1
MATH 202	Elementary Statistics	4

### List B

*(Select one course from below)*

GEOL 102	Physical Geology	4
BIOL 110	Human Anatomy	4

### List C - Select 3 units from below.

*(Take one of the following courses or an unused course from List A or List B)*

ANTH 103	Magic, Witchcraft, and Religion	3
ANTH 150	Native North Americans	3
ADMJ 203	Introduction to Multiculturalism	3
GEOG 104	Cultural Geography	3
SOC 102	Introduction to Sociology	3

**Total Major Requirements..... 20-21**

**Pursuant to California Education Code 66746, students completing the Associate Of Science in Administration of Justice For Transfer Degree are expected to meet the following:**

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.

### Student Learning Outcomes

- Describe the interrelated sub-disciplines of cultural anthropology, biological anthropology, linguistics, and archaeology.
- Discuss the evolution of the human species and its antecedents and their relationships to other non-human primates.
- Analyze the processes that lead to cross-cultural differences.

# ART

## Degree

A.A. Studio Arts  
 A.A.-T Studio Arts for Transfer

## Program Description

Studio Arts artists produce expressive images that educate us, please and challenge us, and document societal trends. The studio Arts Degree prepares students for transfer to an art institute or private academy, a four-year college, a specialized art-related program or apprenticeship, or to work as an exhibiting artist. Various career opportunities evolve from a study of the basics of studio arts leading to jobs in design, animation, gaming and concept design, gallery exhibition, fashion, painting, digital and film photography, sculpture, graphic design, and industrial design. All studio arts disciplines are rooted in the language of visual creation. The Department of Labor statistics indicate visual art fields will enjoy healthy growth in the coming years since communication is heavily visual in the modern era. Studio Arts curriculum provides the foundation in visual language production modalities, understanding implementation and concept, critical thinking linked to visual analysis, and historical evidence of the role of art in society.

## ASSOCIATE OF ARTS IN STUDIO ARTS

### Major Core Requirements

	<b>Units</b>
ART/HUMN 100      Art Appreciation	3
ART 107            Two Dimensional Design	3
ART 109            Three-Dimensional Design	3
ART 116            Drawing I	3
ART 174            World Art Since 1500	3

### Art History Restricted Elective Requirements

*(Select 3 units from below.)*

ART 166            Art of the Modern Period	3
ART 172            World Art to 1500	3

### Elective Requirements

*(Select 9 units from below.)*

ART 117            Drawing II	3
ART 122            Painting I	3
ART 124            Painting II	3
ART 126            Color Theory	3
ART 128            Introduction to Printmaking	3
ART 132            Life Drawing I	3
ART 134            Life Drawing II	3
ART 136            Life Painting I	3
ART 138            Life Painting II	3
ART 140            Sculpture I	3
ART 142            Sculpture II	3
ART 144            Introduction To Ceramics	3
ART 150            Introduction To Photography	3
ART 151            Intermediate Photography	3
ART 291            Directed Study	1-5

**Total Major Requirements.....27**

### To earn an A.A. Degree in Studio Arts

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

## ASSOCIATE OF ARTS IN STUDIO ARTS FOR TRANSFER

Major Core Requirements		Units
ART 107	Two Dimensional Design	3
ART 109	Three-Dimensional Design	3
ART 116	Drawing I	3
ART 174	World Art Since 1500	3

### Art History Restricted Elective Requirements

*Select 3 units from below.*

ART 166	Art of the Modern Period	3
ART 172	World Art to 1500	3

### Elective Requirements

*Select 9 units from below.*

ART 117	Drawing II	3
ART 122	Painting I	3
ART 124	Painting II	3
ART 126	Color Theory	3
ART 128	Introduction to Printmaking	3
ART 132	Life Drawing I	3
ART 134	Life Drawing II	3
ART 136	Life Painting I	3
ART 138	Life Painting II	3
ART 140	Sculpture I	3
ART 142	Sculpture II	3
ART 144	Introduction To Ceramics	3
ART 150	Introduction To Photography	3
ART 151	Intermediate Photography	3
ART 291	Directed Study	3

**Total Major Requirements.....24**

**Pursuant to California Education Code 66746, students completing the Associate Of Arts in A.A. in Studio Arts for Transfer For Transfer Degree are expected to meet the following:**

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.

### Student Learning Outcomes

- Synthesize and apply visual principles in creating works of art through one or more of the following sub-disciplines: a. Drawing b. Painting c. Photography d. Mixed Media e. Design
- Have a basic understanding of Western and non-Western art history, aesthetics, and art criticism.
- Have supplementary knowledge of current artistic trends and movements of Modern art.
- Have a developed sense for creative expression, technical skill building, conceptual development, and visual analysis.
- Demonstrate appropriate use of art tools, materials and processes.
- Achieve greater awareness of global and cultural traditions.
- Create a portfolio of fine art and design.

# BIOLOGY

## Degree

A.S. Biology

## Program Description

The Biology (BIOL) program is primarily designed for students who intend to transfer into any biology-related track at a four-year college or university or for students considering transfer to a nursing or pre-medical program. The curriculum is organized so that courses will readily transfer to the UC and CSU system. The program gives students the necessary biology major transfer credits but is flexible enough to let students choose and integrate informal areas of emphasis such as a premedical curriculum, cell and molecular biology, organismal biology and resource and environmental biology into an individualized and varied lower division biology program. Majors must also complete one of the college's general education requirement schemes. Students expecting to transfer to a 4-year university are strongly advised to complete the CSU Breadth or the IGETC requirements rather than the FRC GE requirements.

## ASSOCIATE OF SCIENCE IN BIOLOGY

### Major Core Requirements

		Units
BIOL 102	Cell and Molecular Biology	4
BIOL 104	Animal Biology, Evolution and Ecology	4
BIOL 106	Plant Biology, Evolution and Ecology	4
MATH 202	Elementary Statistics	4

### Elective List A

(Select 3-4 units from below.)

BIOL 110	Human Anatomy	4
BIOL 112	Human Physiology	4
BIOL 210	General Microbiology	4
ENVR 142	Introduction to Environmental Science	3
ENVR 142L	Introduction to Environmental Science Lab	1
ENVR 240	Introduction to Wildlife	3

### Elective List B -

**Note: Students planning to transfer as Biology majors are strongly encouraged to check biology transfer requirements for the institution they want to attend after FRC and choose from this list accordingly. You may also need more than 8 units to transfer into a Biology major at a university.**

(Select 8 units from below.)

CHEM 102	General Chemistry I	5
CHEM 104	General Chemistry II	5
CHEM 106	Organic Chemistry for Science Majors	5
ENGL 180	Nature Literature In America	3
MATH 218	Single Variable Calculus I – Early Transcendentals	4
MATH 220	Single Variable Calculus II – Late Transcendentals	4
PHYS 102	General Physics I	4
PHYS 104	General Physics II	4

**Total Major Requirements.....27-28**

### To earn an A.S. Degree in Biology

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

### Student Learning Outcomes

- Students will be able to apply the biological concepts of structure and function, organization, cellular processes, genetics, as well as ecology and evolution at all levels (molecular, cellular and organismal) and across the lineages of the Tree of Life.
- Students will be able to compare and contrast features of living systems with respect to their common evolutionary origin as well as with respect to evolutionary differences.
- Students will apply the Scientific Method of investigation to hypothesis generation, testing, analysis and communication, and develop basic laboratory and field skills.

# BUSINESS

## Degree

A.S.-T Business  
 A.S. Office Technology  
 A.A. Business

## Certificate of Achievement

Office Technology

## Certificate of Specialization

Accounting  
 Accounting Management  
 Business Management  
 Economics  
 Entrepreneurial Planning  
 Finance  
 General Business  
 Management  
 Small Business  
 Small Business Management

## Program Description

The Business Program provides a general and practical foundation for a wide range of career opportunities in business. It also provides a course of study that prepares students for transfer to a four-year college or university. The curriculum is designed to help students develop business knowledge and managerial skills beneficial to them and meaningful to employers. The curriculum of introductory courses covers all of the major areas in business study.

## ASSOCIATE OF SCIENCE IN BUSINESS FOR TRANSFER

### Major Core Requirements

		Units
BUS 100	Introduction To Business	3
BUS 102	Financial Accounting	4
BUS 104	Managerial Accounting	4
BUS 106	Principles of Economics-Macro	3
BUS 108	Principles of Economics-Micro	3
BUS 115	Business Law	3
ICT/BUS 101	Computer Literacy	3
<b>-OR-</b> ICT/BUS 111	Introduction To Information Technology	3
MATH 202	Elementary Statistics	4

**Total Major Requirements.....27**

**Pursuant to California Education Code 66746, students completing the Associate Of Science in Business For Transfer Degree are expected to meet the following:**

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.

## ASSOCIATE OF SCIENCE IN OFFICE TECHNOLOGY

Major Core Requirements		Units
ART 162	Web Design	3
BUS 100	Introduction To Business	3
BUS 102	Financial Accounting	4
<b>-OR-</b> BUS 132	Bookkeeping	3
BUS/ICT 101	Computer Literacy	3
BUS/ICT 111	Introduction To Information Technology	3
BUS/ICT 131	Computer Information Systems	3

### Major Elective

*(Select any 12 units from below.)*

ART 160	Digital Imagery	3
BUS 104	Managerial Accounting	4
BUS 106	Principles of Economics-Macro	3
BUS 108	Principles of Economics-Micro	3
ICT 091	Keyboarding I	1.5
ICT 092	Keyboarding II	1.5
MATH 202	Elementary Statistics	4

**Total Major Requirements..... 30-31**

### To earn an A.S. Degree in Office Technology

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

## ASSOCIATE OF ARTS IN BUSINESS

Major Core Requirements		Units
BUS 100	Introduction To Business	3
BUS 102	Financial Accounting	4
BUS 104	Managerial Accounting	4
BUS 106	Principles of Economics-Macro	3
BUS 108	Principles of Economics-Micro	3
BUS 115	Business Law	3
BUS 116	Human Relations In Business	3
BUS 140	Marketing	3
BUS 170	Spreadsheet	1.5
<b>-OR-</b> BUS 171	Project-Based Learning	1.5

### Major Electives

*(Select 3 major-specific units from below)*

BUS 118	Personal Finance - Investments	3
BUS 130	Small Business Management	3
BUS 132	Bookkeeping	3
BUS/ICT 101	Computer Literacy	3
<b>-OR-</b> BUS/ICT 111	Introduction To Information Technology	3

**Total Major Requirements.....30.5**

### To earn an A.A. Degree in Business

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

## CERTIFICATE OF ACHIEVEMENT IN OFFICE TECHNOLOGY

Certificate Requirements		Units
ART 160	Digital Imagery	3
ART 162	Web Design	3
BUS/ICT 111	Introduction To Information Technology	3
BUS/ICT 131	Computer Information Systems	3
ICT 091	Keyboarding I	1.5
ICT 092	Keyboarding II	1.5
ICT 101	Computer Literacy	3
<b>Total Certificate Requirements.....</b>		<b>18</b>

## CERTIFICATE OF SPECIALIZATION IN ACCOUNTING

Certificate Requirements		Units
BUS 102	Financial Accounting	4
BUS 104	Managerial Accounting	4
<b>Total Certificate Requirements.....</b>		<b>8</b>

## CERTIFICATE OF SPECIALIZATION IN ACCOUNTING MANAGEMENT

Certificate Requirements		Units
BUS 102	Financial Accounting	4
BUS 104	Managerial Accounting	4
BUS 118	Personal Finance - Investments	3
BUS 170	Spreadsheet	1.5
<b>Total Certificate Requirements.....</b>		<b>12.5</b>

## CERTIFICATE OF SPECIALIZATION IN BUSINESS MANAGEMENT

Certificate Requirements		Units
BUS 102	Financial Accounting	4
BUS 106	Principles of Economics-Macro	3
<b>-OR-</b> BUS 108	Principles of Economics-Micro	3
BUS 115	Business Law	3
BUS 116	Human Relations In Business	3
BUS 140	Marketing	3
<b>Total Certificate Requirements.....</b>		<b>16</b>

## CERTIFICATE OF SPECIALIZATION IN ECONOMICS

Certificate Requirements		Units
BUS 106	Principles of Economics-Macro	3
BUS 108	Principles of Economics-Micro	3
<b>Total Certificate Requirements.....</b>		<b>6</b>

## CERTIFICATE OF SPECIALIZATION IN ENTREPRENEURIAL PLANNING

Certificate Requirements		Units
BUS 121	Introduction To Entrepreneurship	1
BUS 122	Entrepreneurial Marketing	1.5
BUS 123	Financial Management For Entrepreneurs	2
BUS 124	Preparing Effective Business Plans	1.5
<b>Total Certificate Requirements.....</b>		<b>6</b>

## CERTIFICATE OF SPECIALIZATION IN FINANCE

Certificate Requirements		Units
BUS 118	Personal Finance - Investments	3
BUS 102	Financial Accounting	4
<b>-OR-</b> BUS 132	Bookkeeping	3
<b>Total Certificate Requirements.....</b>		<b>6-7</b>

## CERTIFICATE OF SPECIALIZATION IN GENERAL BUSINESS

Certificate Requirements		Units
BUS 102	Financial Accounting	4
BUS 104	Managerial Accounting	4
BUS 106	Principles of Economics-Macro	3
BUS 108	Principles of Economics-Micro	3
BUS 115	Business Law	3
<b>Total Certificate Requirements.....</b>		<b>17</b>

## CERTIFICATE OF SPECIALIZATION IN MANAGEMENT

Certificate Requirements		Units
BUS 116	Human Relations In Business	3
BUS 100	Introduction To Business	3
<b>-OR-</b> BUS 130	Small Business Management	3
<b>Total Certificate Requirements.....</b>		<b>6</b>

## CERTIFICATE OF SPECIALIZATION IN SMALL BUSINESS

Certificate Requirements		Units
BUS 130	Small Business Management	3
BUS 140	Marketing	3
<b>Total Certificate Requirements.....</b>		<b>6</b>

## CERTIFICATE OF SPECIALIZATION IN SMALL BUSINESS MANAGEMENT

Certificate Requirements		Units
BUS 130	Small Business Management	3
BUS 102	Financial Accounting	4
<b>-OR-</b> BUS 132	Bookkeeping	3
BUS 115	Business Law	3
BUS 116	Human Relations In Business	3
BUS 140	Marketing	3
BUS 170	Spreadsheet	1.5
<b>Total Certificate Requirements.....</b>		<b>16.5-17.5</b>

### Student Learning Outcomes

- Resources: Identifies, organizes, plans, and allocates resources of time, money, material and facilities, and human resources.
- Interpersonal: Works well with others by participating as a member of a team, teaching others new skills, serving clients and customers, demonstration leadership, negotiating, and working with diversity.
- Information: Acquires and uses information by evaluating, organizing, maintaining, interpreting, managing, and communicating and accounting for information as well as using computers to process information.
- Systems: Understands complex inter-relationships that include the ability to understand systems, such as how social, organizational, financial, technological, and marketing systems work and be able to operate effectively with them; monitors and corrects performance such as distinguishing trends and predicting impacts on systems operations; improves and designs systems, such as suggesting modifications to existing systems.
- Technology: Works with a variety of technologies that may include selecting, applying, and/or maintaining and trouble-shooting equipment.



# EARLY CHILDHOOD EDUCATION

## Degree

A.A. Early Childhood Education  
A.S.-T Early Childhood Education

## Certificate of Achievement

Early Childhood Education

## Certificate of Specialization

Associate Teacher  
Administration of ECE Programs  
Child Care Entrepreneurship  
Infant/Toddler  
Master Teacher - Special Needs  
Master Teacher - Creative Curriculum

## Program Description

The Early Childhood Education (ECE) Program provides an academic and experiential foundation offering students occupational and transfer degree options and a variety of certificates. Students will study child development in the context of the family and the community as well as best practices for teaching and learning. Observation and participation opportunities allow students to apply their emerging skills under the supervision of select teachers and mentors in both public and private settings, including the Child Development Center on campus. Students are encouraged to work closely with a program advisor to determine which options best meet their career and educational goals.

## ASSOCIATE OF ARTS IN EARLY CHILDHOOD EDUCATION

### Major Core Requirements

	Units	
ECE 150	Observation And Assessment	3
ECE 152	Introduction To Curriculum	3
ECE 153	Child, Family and Community	3
ECE 157	Principles And Practices Of Teaching Young Children	3
ECE 158	Practicum	3
ECE 159	Health, Safety And Nutrition	3
ECE 160	Teaching In A Diverse Society	3
ECE 162	Child Growth And Development	3

### Additional Requirements

ECE 051	Administration Of Programs For Young Children	3
-OR- ECE 055	Supervision: Parent/Staff Relations	3
ECE 080	Adult and Pediatric CPR/Pediatric First Aid	0.5
ECE 098	Succeeding In An ECE Career	1.5
ECE 154	Creative Activities For Children	3

### Major Electives

*(Select 4 units from below:)*

ECE 040	Administering The Environmental Rating Scales	1
ECE 051	Administration Of Programs For Young Children	3
ECE 055	Supervision: Parent/Staff Relations	3
ECE 060	Infant Toddler Development	3
ECE 061	Infant Toddler Care And Learning	3
ECE 063	Programs For School-Age Children	3
ECE 072	Science Curriculum For The Young Child	1
ECE 075	Math Curriculum For The Young Child	1
ECE 082	Child Health And Safety	0.5
ECE 083	Children's Storytelling And Puppetry	1
ECE 085	Emerging Literacy	1
ECE 087	Dual Language Learners	1
ECE 088	Quality Improvement In Ece Programs	3

ECE 140	Teaching Young Children With Special Needs	3
ECE 156	Mentoring/Supervising Adults In The Classroom	2
ECE 166	Music With Children	1
ECE 291	Directed Study	1-3
ECE 299	Special Topics	0.5-4
CWEE 120	Cooperative Work Experience Education – Early Childhood Education	1-4

**Total Major Requirements.....36**

**To earn an A.A. Degree in Early Childhood Education**

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

**ASSOCIATE OF SCIENCE IN EARLY CHILDHOOD EDUCATION FOR TRANSFER**

<b>Major Core Requirements</b>		<b>Units</b>
ECE 150	Observation And Assessment	3
ECE 152	Introduction To Curriculum	3
ECE 153	Child, Family and Community	3
ECE 157	Principles And Practices Of Teaching Young Children	3
ECE 158	Practicum	3
ECE 159	Health, Safety And Nutrition	3
ECE 160	Teaching In A Diverse Society	3
ECE 162	Child Growth And Development	3

**Total Major Requirements.....24**

**Pursuant to California Education Code 66746, students completing the Associate Of Science in Early Childhood Education For Transfer Degree are expected to meet the following:**

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.

**CERTIFICATE OF ACHIEVEMENT IN EARLY CHILDHOOD EDUCATION**

**Certificate Requirements ~ *Complete Major Requirements only for the A.A. Degree* Units**

**Total Certificate Requirements.....36**

**CERTIFICATE OF SPECIALIZATION IN ASSOCIATE TEACHER**

<b>Certificate Requirements</b>		<b>Units</b>
ECE 152	Introduction To Curriculum	3
<b>-OR-</b> ECE 154	Creative Activities For Children	3
ECE 153	Child, Family and Community	3
ECE 157	Principles And Practices Of Teaching Young Children	3
<b>-OR-</b> ECE 158	Practicum	3
ECE 162	Child Growth And Development	3

**Total Certificate Requirements..... 12**

**CERTIFICATE OF SPECIALIZATION IN ADMINISTRATION OF ECE PROGRAMS**

<b>Certificate Requirements</b>		<b>Units</b>
ECE 051	Administration Of Programs For Young Children	3
ECE 055	Supervision: Parent/Staff Relations	3
ECE 156	Mentoring/Supervising Adults In The Classroom	2

**Total Certificate Requirements.....8**

## CERTIFICATE OF SPECIALIZATION IN CHILD CARE ENTREPRENEURSHIP

Certificate Requirements		Units
BUS 121	Introduction To Entrepreneurship	1
BUS 122	Entrepreneurial Marketing	1.5
BUS 123	Financial Management For Entrepreneurs	2
BUS 124	Preparing Effective Business Plans	1.5

### Students must select 1 course of each of the areas listed below:

ECE 051	Administration Of Programs For Young Children	3
<b>-OR-</b> ECE 055	Supervision: Parent/Staff Relations	3
ECE 152	Introduction To Curriculum	3
<b>-OR-</b> ECE 154	Creative Activities For Children	3
ECE 153	Child, Family and Community	3
<b>-OR-</b> ECE 159	Health, Safety And Nutrition	3

**Total Certificate Requirements..... 15**

## CERTIFICATE OF SPECIALIZATION IN INFANT/TODDLER

Certificate Requirements		Units
ECE 060	Infant Toddler Development	3
ECE 061	Infant Toddler Care And Learning	3

**Total Certificate Requirements..... 6**

## CERTIFICATE OF SPECIALIZATION IN MASTER TEACHER - SPECIAL NEEDS

Certificate Requirements		Units
ECE 140	Teaching Young Children With Special Needs	3
ASL 130	Beginning American Sign Language I	3
<b>-OR-</b> ASL 132	Beginning ASL II	3

**Total Certificate Requirements..... 6**

## CERTIFICATE OF SPECIALIZATION IN MASTER TEACHER - CREATIVE CURRICULUM

Certificate Requirements		Units
<i>(Select 6 units from below.)</i>		
ECE 072	Science Curriculum For The Young Child	1
ECE 075	Math Curriculum For The Young Child	1
ECE 083	Children's Storytelling And Puppetry	1
ECE 085	Emerging Literacy	1
ECE 154	Creative Activities For Children	3
ECE 166	Music With Children	3

**Total Certificate Requirements..... 6**

### Student Learning Outcomes

- Integrate understanding of the needs, the characteristics and multiple influences on the development of children birth to age eight as related to high quality care and education of young children.
- Design, implement and evaluate environments and activities that support positive developmental play and learning outcomes for young children.
- Establish and maintain safe and healthy learning environments for young children.
- Assess the development of young children using authentic assessment tools and use the data to plan appropriate environments and activities based on the developmental needs of children.
- Apply effective guidance, problem solving and interaction strategies that support children's social learning, identity and self-confidence.
- Demonstrate linguistically and culturally relevant, inclusive and anti-bias practices in working with children and families.
- Articulate the significance of promoting partnerships between programs, teachers, families and their communities.
- Demonstrate ethical standards and professional behaviors that deepen understanding, knowledge and commitment regarding the ECE profession.
- Students seeking a baccalaureate in a similar discipline will successfully complete the transfer process to a four year institution (As-T degree only).

# EDUCATION

## Degree

A.A. Education: Liberal Studies Elementary Teacher Preparation

## Program Description

The Liberal Studies Program is a pathway designed for prospective elementary teachers who intend to transfer to earn a baccalaureate degree and a multiple subject (K-8) credential. The required courses are part of a program of study that can be started at the community college level and completed at a four-year institution. Students are encouraged to work closely with advisors to address any additional requirements of the intended institution of transfer.

## ASSOCIATE OF ARTS IN EDUCATION: LIBERAL STUDIES ELEMENTARY TEACHER PREPARATION

### Major Core Requirements

Units

*The following courses may also apply towards general education requirements for graduation:*

BIOL 100	Concepts in Biology	4
-OR- BIOL 102	Cell and Molecular Biology	4
ECE 153	Child, Family and Community	3
ENGL 101	Composition And Reading	3
ENGL 118	Small Group Communication	3
-OR- ENGL 120	Speech	3
HIST 108	The United States to 1877	3
-OR- HIST 110	The United States Since 1865	3
HIST 111	World History to 1500	3
HUMN 112	Introduction to Humanities II	3
PHIL 101	Logic	3
POL 101	American Government and Politics	3
THEA 105	Introduction to Acting	3

### The following courses are non-general education applicable:

EDUC 200	Introduction To Education/Field Experience	3
MATH 150	Concepts And Structures Of Mathematics for Educators	3
MATH 152	Concepts And Structures Of Mathematics for Educators II	3

### Recommended Electives

ANTH 100	Introduction to Cultural Anthropology	3
ECE 154	Creative Activities For Children	3
POL/SOC/ETHN 140	Introduction to Race and Ethnicity	3

**Total Major Requirements.....49**

**See advisor for courses for specific college transfer. Additional electives may be accepted at transferring institution up to a total of 70 units. See your advisor.**

## Advisories

1. This course of study is designed to meet the specific requirements of CSU Chico and provide ease of transfer. The majority of the coursework will apply to transfer requirements at any institution. However, there will be some variation between campuses. Students should meet with their counselor/advisor to address the requirements of the intended campus for transfer.
2. It is recommended that the California Basic Education skills Test (CBEST) be taken as soon as possible following completion of English and math coursework.
3. All required courses must have a grade of "C" or better.
4. One year of high school or three units of college credit in a second language is required (includes ASL).

*5. Additional coursework in mathematics may be required for general education, depending on the intended institution for transfer. Although students at CSU Chico are required to complete both MATH 150 and 152, a student will be accepted for transfer with MATH 150.*

*6. A course must be selected from Area E under CSU General Education Breadth requirements.*

### **To earn an A.A. Degree in Education: Liberal Studies Elementary Teacher Preparation**

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

### **Student Learning Outcomes**

- Think critically and explore how knowledge across multiple disciplines is interrelated.
- Communicate clearly in written and verbal forms.
- Comprehend and evaluate all forms of written material.
- Evaluate the essential role of diversity.
- Formulate personal goals for continued learning and teacher preparation.
- Apply for transfer to complete a bachelor's degree and a multiple subject Teaching Credential.

# ENGLISH

## Degree

A.A.-T English

## Program Description

The major in English, resulting in an A.A. degree, provides students with a solid knowledge in the literature and culture of the Anglophone world. Through the study of literature, students develop an understanding of important themes that have been present throughout the history of the English-speaking world and an understanding about how these themes have shaped thought and literary expression. The major is based in writing, discussion, development of interpretive skills, and the application of critical thinking methods in a wide variety of situations. The major in English provides a general academic foundation for further literary study and for other areas, including pre-law, teaching, research, journalism, and publishing and editing. Students can complete the Associate in Arts in English for Transfer by completing 18 units in the major plus general education and be guaranteed transfer in the major to a California state University campus. Students who are planning to transfer in the major to a CSU campus, as well as those planning to transfer to a UC or other colleges, can choose to augment the major with additional elective courses in English or humanities, thus establishing a well-rounded curriculum in literature and humanistic thought.

## ASSOCIATE OF ARTS IN ENGLISH FOR TRANSFER

### Major Core Requirements

		Units
ENGL 102	Introduction to Literature	3
ENGL 103	Critical Thinking and Writing	3

### List A

*(Select 6 units from below)*

ENGL 252	American Literature I	3
ENGL 254	American Literature II	3
ENGL 256	Survey of British Literature I	3
ENGL 257	Survey of British Literature II	3

### List B

*(Select one of the following courses, or an unused course from list A ~ 3 units)*

ENGL 170	Creative Writing	3
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### List C

*(Select one of the following courses, or an unused course from List A or B ~ 3 units)*

ASL 130	Beginning American Sign Language I	3
ASL 132	Beginning ASL II	3
ENGL 150	Introduction To Journalism	3
ENGL 180	Nature Literature In America	3
ENGL/HUMN 228	Novel And Film	3
ENGL 245	Contemporary Literature	3
ENGL 246	Women's Literature	3
ENGL 277	Introduction to Shakespeare	3
FRN 101	Beginning French I	4
FRN 102	Beginning French II	4
HUMN 110	Introduction to Humanities I	3
HUMN 112	Introduction to Humanities II	3
SPAN 101	Beginning Spanish	4
SPAN 102	Beginning Spanish II	4

**Total Major Requirements..... 18-19**

**Pursuant to California Education Code 66746, students completing the Associate Of Arts in English For Transfer Degree are expected to meet the following:**

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.

**Student Learning Outcomes**

- Comprehend cultural and literary background of the English-speaking world.
- In English, use written and verbal expression to communicate information factually, argumentatively, and creatively.
- In English, read, comprehend, interpret, and respond to a wide variety of materials touching on literary knowledge, society, culture, the arts, history, gender, politics, and philosophy.

# ENVIRONMENTAL STUDIES

## Degree

A.S. Environmental Science  
A.S. Environmental Studies

## Certificate of Achievement

Ecological Farming

## Certificate of Specialization

Hatchery Technician  
Biological Science Technician  
Forestry Technician  
Hydrologic Technician

## Program Description

Students pursuing an AS degree in Environmental Science will learn the basics of environmental, biological and physical science that may ultimately prepare them to work studying or managing the environment. The coursework completed during this major will prepare students to transfer to four-year schools and pursue Environmental Science or other related Bachelor's degrees.

## ASSOCIATE OF SCIENCE IN ENVIRONMENTAL SCIENCE

### Major Core Requirements

	<b>Units</b>
BIOL 102	4
BIOL 104	4
BIOL 106	4
CHEM 102	5
ENVR 103	1
ENVR 142	3
ENVR 142L	1
GEOL 102	4
MATH 202	4

### Physical Science Elective

*(Select one course from below)*

CHEM 104	5
PHYS 102	4

### Quantitative Elective

*(Select one course from below)*

MATH 116	4
MATH 218	4

**Total Major Requirements..... 38-40**

### To earn an A.S. Degree in Environmental Science

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher



## ASSOCIATE OF SCIENCE IN ENVIRONMENTAL STUDIES

<b>Major Core Requirements</b>		<b>Units</b>
ENVR 103	Environmental Studies Seminar	1
ENVR 142	Introduction to Environmental Science	3
ENVR 142L	Introduction to Environmental Science Lab	1
ENVR 251	Ecosystem Management	2
ENVR/ORL 280	Professional Development Seminar	1
<b>Natural Resources Management</b>		
<i>(Select 2 course from below)</i>		
ENVR 160	Watershed Protection And Restoration	3
ENVR 220	Introduction to Forestry	3
ENVR 240	Introduction to Wildlife	3
ENVR/BIOL 264	Introduction to Fish	4
<b>Physical Science</b>		
<i>(Select 1 course from below)</i>		
CHEM 102	General Chemistry I	4
ENVR/AGPS 210	Introduction to Soil Science	3
GEOL 102	Physical Geology	5
<b>Biological Science</b>		
<i>(Select 1 course from below)</i>		
BIOL 102	Cell and Molecular Biology	4
BIOL 104	Animal Biology, Evolution and Ecology	4
BIOL 106	Plant Biology, Evolution and Ecology	4
<b>Social Science</b>		
ENVR/POL 180	Environmental Policy	3
<b>Major Elective Requirements</b>		
<i>(Select 6 units from below or other ENVR courses not used above)</i>		
ENGL 180	Nature Literature In America	3
ENVR 102	Introduction to Environmental Studies	3
ENVR/BIOL 120	Sierra Nevada Natural History	3
ENVR/ADMJ 125	Wildlife Law and Issues	2
ENVR 130	Introduction to Sustainable Food Systems	2
ENVR 131	High Altitude Crop Production - Fall	2
ENVR 132	High Altitude Crop Production - Spring	2
ENVR 133	Ecological Pest Management	1
ENVR 134	Season Extension Structures	1
ENVR 135	Small Farm Tools and Infrastructure	1
ENVR 164	Native Plants Workshop	1
ENVR 190	Environmental Studies Field Course	0.5
ENVR 192	Winter Ecology	0.5
ENVR 194	Current Environmental Issues	1
ENVR/GEOG 201	Introduction to Geographic Information Systems (GIS)	3
ENVR 241	Wildlife Diversity And Field Techniques	4
ENVR 250	Introduction To Aquaculture	4
ENVR/AGAS 266	Advanced Aquaculture	3
ENVR 291	Directed Study	1-5
ENVR/BIOL 299	Special Topics In Environmental Studies	0.5-3
GEOG 102	Physical Geography	3
MATH 202	Elementary Statistics	4
ORL 116	Outdoor Recreation Principles	3
<b>Total Major Requirements</b> .....		<b>30-33</b>

### To earn an A.S. Degree in Environmental Studies

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

### Student Learning Outcomes

- Knowledge: A quantitative and qualitative understanding of how our planet functions, how technological societies operate, and how policy interacts between the two.
- Application skills: Proficiency in disciplines related to the environment comes at the price of practice; technical field skills will be taught and practiced regularly at FRC, where our spatial proximity to a variety of environmental issues encourages fieldwork. Communication: Written and oral communication skills in disciplines and professions related to the environment; this includes the ability to convey information and work effectively with groups of varying sizes, as well as different audience levels.
- Communication: Written and oral communication skills in disciplines and professions related to the environment; this includes the ability to convey information and work effectively with groups of varying sizes, as well as different audience levels.
- Multidisciplinary perspective: The ability to speak the language of the various environmental disciplines keeps graduates competitive in an increasingly interrelated and competitive market.
- Environmental ethic: A developed ecological identity, established professional and educational goals, and an identified career track will cement the student's sense of place in the environmental fields, and provide direction toward a constructive career in their chosen field.

## CERTIFICATE OF ACHIEVEMENT IN ECOLOGICAL FARMING

### Certificate Requirements

Units

*Complete required core courses and select 4 - 5 units from the remaining list of electives*

#### Core Courses

AGPS/ENVR 210	Introduction to Soil Science	3
ENVR 130	Introduction to Sustainable Food Systems	2
ENVR 131	High Altitude Crop Production - Fall	2
ENVR 132	High Altitude Crop Production - Spring	2
ENVR 133	Ecological Pest Management	1

#### Electives

*(Select 4 - 5 units)*

AGMA 160	Introduction To Mechanized Agriculture	3
BUS 116	Human Relations In Business	3
BUS 130	Small Business Management	3
BUS 171	Project-Based Learning	1-3
ENVR 134	Season Extension Structures	1
ENVR 135	Small Farm Tools and Infrastructure	1

**Total Certificate Requirements..... 14-15**

## CERTIFICATE OF SPECIALIZATION IN BIOLOGICAL SCIENCE TECHNICIAN

### Certificate Requirements

Units

*(Select 12 units from below)*

*ENVR 240	Introduction to Wildlife <b>(required)</b>	3
BIOL 104	Animal Biology, Evolution and Ecology	4
BIOL 106	Plant Biology, Evolution and Ecology	4
BIOL/ENVR 120	Sierra Nevada Natural History	3
ENVR 240	Introduction to Wildlife	3
ENVR 241	Wildlife Diversity And Field Techniques	4
BIOL/ENVR 264	Introduction to Fish	4

**Total Certificate Requirements..... 12**

## CERTIFICATE OF SPECIALIZATION IN FORESTRY TECHNICIAN

### Certificate Requirements

Units

*(Select 12 units from below)*

*ENVR 220	Introduction to Forestry <b>(required)</b>	3
BIOL 106	Plant Biology, Evolution and Ecology	4
BIOL/ENVR 120	Sierra Nevada Natural History	3
ENVR 045	Seasonal Firefighting Basic	2
ENVR 160	Watershed Protection And Restoration	3
ENVR/AGPS 210	Introduction to Soil Science	3

**Total Certificate Requirements..... 12**

## CERTIFICATE OF SPECIALIZATION IN HATCHERY TECHNICIAN

Certificate Requirements		Units
<i>(Select 17 -19 units from below)</i>		
AGAS/ENVR 266	Advanced Aquaculture	3
AGMA 140	Beginning Agriculture Metal Fabrication	3
AGMA 160	Introduction To Mechanized Agriculture	3
ENVR 250	Introduction To Aquaculture	3
ENVR/BIOL 264	Introduction to Fish	4
ENVR 291	Directed Study	1-3
<b>Total Certificate Requirements.....</b>		<b>17-19</b>

## CERTIFICATE OF SPECIALIZATION IN HYDROLOGIC TECHNICIAN

Certificate Requirements		Units
<i>(Select 15 units from below)</i>		
*ENVR 160	Watershed Protection And Restoration <b>(required)</b>	3
AGPS/ENVR 210	Introduction to Soil Science	3
BIOL 100	Concepts in Biology	4
<b>-OR-</b> BIOL 104	Animal Biology, Evolution and Ecology	4
<b>-OR-</b> BIOL 106	Plant Biology, Evolution and Ecology	4
BIOL/ENVR 264	Introduction to Fish	4
GEOL 102	Physical Geology	4
MATH 202	Elementary Statistics	4
<b>Total Certificate Requirements.....</b>		<b>15</b>

# GENERAL STUDIES

## Degree

A.A. General Studies: Arts and Humanities  
 A.A. General Studies: Social and Behavioral Sciences

## Certificate of Achievement

CSU GE Breadth

## Program Description

This degree is designed to give students an interdisciplinary foundation in a particular area of focus while preparing them to think critically, analyze evidence effectively, and understand the different approaches of the various disciplines. A minimum of 60 semester units must be completed with a grade of "C" or better in all area-of-emphasis-applicable units.

## ASSOCIATE OF ARTS IN GENERAL STUDIES: ARTS AND HUMANITIES

### Arts and Humanities Emphasis

Units

*Major Core Requirements ~ Choose two courses from the following list (6 units total)*

ART 172	World Art to 1500	3
ART 174	World Art Since 1500	3
HIST 111	World History to 1500	3
HIST 112	World History Since 1500	3
HUMN 110	Introduction to Humanities I	3
HUMN 112	Introduction to Humanities II	3

### Major Electives

*(Select 12 units from below)*

ART/HUMN 100	Art Appreciation	3
ART 107	Two Dimensional Design	3
ART 109	Three-Dimensional Design	3
ART 116	Drawing I	3
ART 122	Painting I	3
ART 150	Introduction To Photography	3
ART 172	World Art to 1500	3
ART 174	World Art Since 1500	3
ENGL/HUMN 128	Film Appreciation	3
ENGL 180	Nature Literature In America	3
ENGL/HUMN 228	Novel And Film	3
ENGL 245	Contemporary Literature	3
ENGL 246	Women's Literature	3
ENGL 252	American Literature I	3
ENGL 254	American Literature II	3
ENGL 256	Survey of British Literature I	3
ENGL 257	Survey of British Literature II	3
ENGL 277	Introduction to Shakespeare	3
HUMN/MUS 101	Music Appreciation	3
HUMN 110	Introduction to Humanities I	3
HUMN 112	Introduction to Humanities II	3
PHIL 100	Introduction To Philosophy	3
PHIL 102	Introduction to Ethics	3
PHIL 103	Philosophy Of Religions	3
THEA 105	Introduction to Acting	3
THEA 106	Advanced Acting	3

**One of the following foreign language courses may count toward satisfaction of the degree requirements.**

ASL 130	Beginning American Sign Language I	3
ASL 132	Beginning ASL II	3
FRN 101	Beginning French I	4
FRN 102	Beginning French II	4
FRN 201	Intermediate French I	4
SPAN 101	Beginning Spanish	4
SPAN 102	Beginning Spanish II	4
SPAN 201	Intermediate Spanish I	4

**Total Major Requirements..... 18**

**To earn an A.A. Degree in General Studies: Arts and Humanities Emphasis**

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

**Student Learning Outcomes**

- Identify, describe, and analyze significant works, people, ideas, and events in their cultural contexts
- Effectively communicate an understanding of culture as expressed in arts and letters in global and comparative perspectives
- Critically analyze individual belief systems by comparing diverse perspectives and considering cultural and historical complexities.

**ASSOCIATE OF ARTS IN GENERAL STUDIES: SOCIAL AND BEHAVIORAL SCIENCES**

**Major Core Requirements**

**Units**

*(Choose 18 units from the following classes including at least 6 units in one discipline)*

ADMJ 102	Introduction to Administration of Justice	3
ADMJ/PSY 152	Psycho Pathology Of Serial Killers And Mass Murderers	3
ADMJ 203	Introduction to Multiculturalism	3
ANTH 100	Introduction to Cultural Anthropology	3
ANTH 103	Magic, Witchcraft, and Religion	3
ANTH 106	Introduction to Prehistory	3
ANTH 150	Native North Americans	3
BUS 106	Principles of Economics-Macro	3
BUS 108	Principles of Economics-Micro	3
ECE 153	Child, Family and Community	3
ECE 162	Child Growth And Development	3
ENVR/POL 180	Environmental Policy	3
GEOG 104	Cultural Geography	3
GEOG 125	World Regional Geography	3
HIST 108	The United States to 1877	3
HIST 110	The United States Since 1865	3
HIST 111	World History to 1500	3
HIST 112	World History Since 1500	3
HIST 120	Women In American History	3
HIST/ETHN 130	Native American History	3
HIST/ETHN 135	African American Studies	3
HIST 140	California History	3
MATH 202	Elementary Statistics	4
POL 101	American Government and Politics	3
POL 130	Introduction to International Relations	3
POL/SOC/ETHN 140	Introduction to Race and Ethnicity	3
POL 150	Introduction to Political Science	3
POL/SOC 160	Globalization	3

PSY 102	Introductory Psychology	3
SOC 100	Sex, Gender, and Society	3
SOC 102	Introduction to Sociology	3
SOC 150	Social Trends & Problems	3
<b>Total Major Requirements.....</b>		<b>18</b>

**General Studies: Associate of Arts in Social and Behavioral Sciences**

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

**Student Learning Outcomes**

- Identify, describe, and recognize the use of methods, approaches, and assumptions within social science disciplines
- Effectively communicate an understanding of the complexity and interrelatedness of social institutions and their evolution
- Critically analyze and compare concepts of human behavior over time and across cultures, and disciplines

**CERTIFICATE OF ACHIEVEMENT IN CSU GE BREADTH**

**AREA A: English Language Communication and Critical Thinking** **Units**  
*One course required from each subarea A1, A2, and A3*

**AREA A1**

*Oral Communication*

ENGL 118	Small Group Communication	3
ENGL 119	Interpersonal Communication	3
ENGL 120	Speech	3

**AREA A2**

*Written Communication*

ENGL 101	Composition and Reading	3
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**AREA A3**

*Critical Thinking*

ENGL 102	Introduction to Literature	3
ENGL 103	Critical Thinking and Writing	3
PHIL 101	Logic	3
PHIL 102	Introduction to Ethics	3

**AREA B - Scientific Inquiry and Quantitative Reasoning**

*(Complete two science courses, one Physical Science (B1) and one Life Science (B2)- one course must have a lab (B3). NOTE: Only 9 units required in AREA B per CSU system.)*

**AREA B1**

*Physical Science*

AGPS/ENVR 210	Introduction to Soil Science	3
CHEM 100	Chemistry and Society	4
CHEM 102	General Chemistry I	5
CHEM 104	General Chemistry II	5
CHEM 106	Organic Chemistry for Science Majors	4
ENVR 142	Introduction to Environmental Science	3
GEOG 102	Physical Geography	3
GEOL 102	Physical Geology	4
GEOL 104	Historical Geology	4
GEOL 120	Introduction to Earth Science	4
PHYS 102	General Physics I	4

PHYS 104	General Physics II	4
PHYS 140	Introduction to Chemistry and Physics	4
PHYS 202	Physics Scientists/Engineers I	4
PHYS 204	Physics for Scientists and Engineers II	4
PHYS 206	Physics for Scientists and Engineers III	4
PHSC 120	Introduction To Astronomy	3

### **AREA B2**

#### *Life Science*

AGPS 104	Introduction to Plant Science	3
ANTH 120	Physical Anthropology	3
BIOL 100	Concepts in Biology	4
BIOL 102	Cell and Molecular Biology	4
BIOL 104	Animal Biology, Evolution and Ecology	4
BIOL 106	Plant Biology, Evolution and Ecology	4
BIOL 110	Human Anatomy	4
BIOL 112	Human Physiology	4
BIOL 210	General Microbiology	4
BIOL/ENVR 264	Introduction to Fish	4

### **AREA B3**

#### *Laboratory Activity*

AGPS/ENVR 210	Introduction to Soil Science	3
ANTH 120L	Physical Anthropology Lab	1
BIOL 100	Concepts in Biology	4
BIOL 102	Cell and Molecular Biology	4
BIOL 104	Animal Biology, Evolution and Ecology	4
BIOL 106	Plant Biology, Evolution and Ecology	4
BIOL 110	Human Anatomy	4
BIOL 112	Human Physiology	4
BIOL 210	General Microbiology	4
BIOL/ENVR 264	Introduction to Fish	4
CHEM 100	Chemistry and Society	4
CHEM 102	General Chemistry I	5
CHEM 104	General Chemistry II	5
CHEM 106	Organic Chemistry for Science Majors	4
ENVR 142L	Introduction to Environmental Science Lab	1
GEOL 102	Physical Geology	4
GEOL 104	Historical Geology	4
GEOL 120	Introduction to Earth Science	4
PHSC 120L	Introduction to Astronomy Lab	1
PHYS 102	General Physics I	4
PHYS 104	General Physics II	4
PHYS 140	Introduction to Chemistry and Physics	4
PHYS 202	Physics Scientists/Engineers I	4
PHYS 204	Physics For Sci & Engineers II	4
PHYS 206	Physics For Sci & Engineers III	4

### **Area B4**

#### *Math/Quantitative Reasoning*

MATH 110	College Algebra	4
MATH 116	Pre-Calculus	4
MATH 202	Elementary Statistics	4
MATH 218	Single Variable Calculus I – Early Transcendentals	4
MATH 220	Single Variable Calculus II – Late Transcendentals	4
MATH 222	Multivariable Calculus	4
MATH 224	Ordinary Differential Equations	4

## Area C: Arts and Humanities

Complete three courses including at least one from C1 Arts and one from C2 Humanities

### Area C1

#### Arts

ART/HUMN 100	Art Appreciation	3
ART 109	Three-Dimensional Design	3
ART 116	Drawing I	3
ART 117	Drawing II	3
ART 122	Painting I	3
ART 124	Painting II	3
ART 126	Color Theory	3
ART 128	Introduction to Printmaking	3
ART 136	Life Painting I	3
ART 166	Art of the Modern Period	3
ART 172	World Art to 1500	3
ART 174	World Art Since 1500	3
ENGL/HUMN 128	Film Appreciation	3
HUMN/MUS 101	Music Appreciation	3
THEA 105	Introduction to Acting	3
THEA 106	Advanced Acting	3

### Area C2

#### Humanities

ASL 130	Beginning American Sign Language I	3
ASL 132	Beginning ASL II	3
ENGL 170	Creative Writing	3
ENGL 180	Nature Literature In America	3
ENGL/HUMN 228	Novel And Film	3
ENGL 245	Contemporary Literature	3
ENGL 246	Women's Literature	3
ENGL 252	American Literature I	3
ENGL 254	American Literature II	3
ENGL 256	Survey of British Literature I	3
ENGL 257	Survey of British Literature II	3
ENGL 277	Introduction to Shakespeare	3
FRN 101	Beginning French I	4
FRN 102	Beginning French II	4
HIST 108	The United States to 1877	3
HIST 110	The United States Since 1865	3
HIST 111	World History to 1500	3
HIST 112	World History Since 1500	3
HUMN 110	Introduction to Humanities I	3
HUMN 112	Introduction to Humanities II	3

## Area D: Social Sciences

Complete three courses selected from at least two different disciplines

ADMJ 102	Introduction to Administration of Justice	3
ADMJ 203	Introduction to Multiculturalism	3
AGAB 124	Agriculture Economics	3
ANTH 100	Introduction to Cultural Anthropology	3
ANTH 103	Magic, Witchcraft, and Religion	3
ANTH 106	Introduction to Prehistory	3
ANTH 130	Introduction to Archaeology	3
ANTH 150	Native North Americans	3
BUS 106	Principles of Economics-Macro	3
BUS 108	Principles of Economics-Micro	3
ECE 153	Child, Family and Community	3
ECE 162	Child Growth And Development	3
ENVR 180	Environmental Policy	3



GEOG 104	Cultural Geography	3
GEOG 125	World Regional Geography	3
HIST 108	The United States to 1877	3
HIST 110	The United States Since 1865	3
HIST 111	World History to 1500	3
HIST 112	World History Since 1500	3
HIST 120	Women In American History	3
HIST/ETHN 130	Native American History	3
HIST 140	California History	3
HIST 160	History of the American West	3
PSY 102	Introductory Psychology	3
POL 101	American Government and Politics	3
POL 130	Introduction to International Relations	3
POL/SOC/ETHN 140	Introduction to Race and Ethnicity	3
POL 150	Introduction to Political Science	3
POL/SOC 160	Globalization	3
POL 180	Environmental Policy	3
SOC 100	Sex, Gender, and Society	3
SOC 102	Introduction to Sociology	3
SOC 150	Social Trends and Problems	3

### Area E: Lifelong Learning and Self-Development

*Complete 3 units*

AGEQ 103	Western Equitation I	2
BIOL 135	Human Sexuality	3
COLL 100	College Success and Personal Development	3
HES/HLTH 100	Principles of Healthful Living	3
HES 113	Circuit Training	0.5-1
HES 119	Body Composition: Theory, Principles and Management	1
HES 120	Weight Training	1
HES/NCA 170	Introduction to Nutrition	3
PSY 102	Introductory Psychology	3

**Total Certificate Requirements.....40-44**

# GEOGRAPHY

## Degree

A.A. Geography

## Program Description

Geography is the study of Earth phenomena by examining spatial patterns of physical, biological, social or political processes and features on our planet. Our unique planet is currently experiencing rapid changes and is supporting an unprecedented population. Now more than ever, it is imperative that we have people who can understand and analyze these Earth phenomena through modes of geographic inquiry. Students completing this degree have a greater appreciation and understanding for the world around them and will be prepared to move on to four-year schools to study geography.

## ASSOCIATE OF ARTS IN GEOGRAPHY

Major Requirements		Units
ANTH 100	Introduction to Cultural Anthropology	3
GEOG 102	Physical Geography	3
GEOG 104	Cultural Geography	3
GEOG 125	World Regional Geography	3
GEOG/ENVR 201	Introduction to Geographic Information Systems (GIS)	3
GEOL 102	Physical Geology	4
<b>Total Major Requirements</b> .....		<b>19</b>

## To earn an A.A. Degree in Geography

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

## Student Learning Outcomes

- Understand and be able to recognize and explain basic physical, biological, social and political Earth processes
- Recognize spatial patterns of physical, biological, social and political phenomena on Earth
- Understand how to read and make maps
- Be able to use geographic information systems to answer geographic questions

# GEOLOGY

## Degree

A.S. Geology

A.S.-T Geology

## Program Description

Geology is the scientific study of the Earth, including our planet's composition, behavior, and history. Students pursuing geologic careers should plan to transfer to Universities where they can continue their studies in order to ultimately find themselves qualified for a variety of positions, such as working for mining companies or studying earthquake or volcanic hazards. Students pursuing an A.S. degree in Geology will learn the basics of geologic and physical science that will prepare them to further pursue this line of study in baccalaureate programs.

The Associate of Science in Geology for Transfer Degree (AS-T) is designed for students who intend to pursue a degree in Geology or related discipline at a California State University. Students who complete The Geology Associates of Science in Geology Degree for Transfer (AS-T) are guaranteed admission to the CSU system, not particular university but to one within the CSU system. Geology majors should check the degree requirements of the university to which they intend to transfer and should meet with an academic advisor to construct an academic plan.

## ASSOCIATE OF SCIENCE IN GEOLOGY

### Major Requirements

		Units
GEOL 102	Physical Geology	4
GEOL 104	Historical Geology	4
CHEM 102	General Chemistry I	5
CHEM 104	General Chemistry II	5
MATH 218	Single Variable Calculus I – Early Transcendentals	4
MATH 220	Single Variable Calculus II – Late Transcendentals	4

**Total Major Requirements** .....26

### To earn an A.S. Degree in Geology

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

## ASSOCIATE OF SCIENCE IN GEOLOGY FOR TRANSFER

### Major Requirements

		Units
GEOL 102	Physical Geology	4
GEOL 104	Historical Geology	4
CHEM 102	General Chemistry I	5
CHEM 104	General Chemistry II	5
MATH 218	Single Variable Calculus I – Early Transcendentals	4
MATH 220	Single Variable Calculus II – Late Transcendentals	4

**Total Major Requirements** .....26

### Pursuant to California Education Code 66746, students completing the Associate Of Science in Geology For Transfer Degree are expected to meet the following:

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.

### Student Learning Outcomes

- Understand and be able to recognize and explain basic Earth processes, materials, and hazards, etc.
- Understand the scientific process and how scientific data is collected and analyzed
- Possess the quantitative and physical science background to succeed in upper division geologic course work

# HEALTH AND EXERCISE STUDIES

## Degree

A.S. Health and Exercise Studies  
 A.A.-T Kinesiology

## Certificate of Achievement

Health and Exercise Studies

## Certificate of Specialization

Athletic Training  
 Teaching/Coaching

## Program Description

The Health and Exercise Studies Program prepares students who plan on transferring to four-year colleges. The curriculum emphasizes general education courses that will assist the student in undertaking upper-level coursework at a university, while enhancing their admissions profile and increasing their chances of acceptance to a physical education program at a four-year college or university. Two degrees are available: Health and Exercise Sciences and a Kinesiology Transfer Degree. In addition to the two degrees, three certificates are available; Health and Exercise Studies, Athletic Training and Teaching/Coaching. The primary goal of this degree is to facilitate students who wish to pursue a Kinesiology major at a four year school of their choosing. Each student in this program must choose to utilize either the CSU General Education Breadth or IGETC requirements as a part of their degree in addition to the course/s required for this major.

## ASSOCIATE OF SCIENCE IN HEALTH AND EXERCISE STUDIES

Major Core Requirements		Units
HES 133	Introduction To Kinesiology	3
HES 141	Principles Of Fitness & Performance	3
HES 143	Principles of Performance Lab	1
HES 172	Beginning Life Long Fitness	1
HES 194	Principles Of Physical Education	3
HES 220	Management & Care Of Athletic Injury I	3
BIOL 110	Human Anatomy	4
HES/HLTH 100	Principles of Healthful Living	3
<b>Health and Exercise Studies Electives</b>		<b>6</b>
<i>6 units required - Courses are currently being articulated (see HES faculty for details).</i>		

**Total Major Requirements** .....27

### To earn an A.S. Degree in Health and Exercise Studies

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

## ASSOCIATE OF ARTS IN KINESIOLOGY FOR TRANSFER

Major Core Requirements		Units
HES 133	Introduction To Kinesiology	3
BIOL 110	Human Anatomy	4
BIOL 112	Human Physiology	4

### Major Elective Units

*(Choose 2 courses from the following list of electives.)*

MATH 202	Elementary Statistics	4
CHEM 102	General Chemistry I	5
CHEM 104	General Chemistry II	5
CHEM 106	Organic Chemistry for Science Majors	5
PHYS 102	General Physics I	4
PHYS 104	General Physics II	4
PHYS 202	Physics Scientists/Engineers I	4
PHYS 204	Physics For Sci & Engineers II	4

### Movement Based Courses

*3 units required - Courses are Currently being articulated. (See HES faculty for details)*

**Total Major Requirements.....22**

**Pursuant to California Education Code 66746, students completing the Associate Of Arts in Kinesiology For Transfer Degree are expected to meet the following:**

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.

## CERTIFICATE OF ACHIEVEMENT IN HEALTH AND EXERCISE STUDIES

Certificate Requirements		Units
HES 133	Introduction To Kinesiology	3
HES 141	Principles Of Fitness & Performance	3
HES 143	Principles of Performance Lab	1
HES 172	Beginning Life Long Fitness	1
HES 194	Principles Of Physical Education	3
HES 220	Management & Care Of Athletic Injury I	3
<b>Any HES Course Electives ~ 6 units required</b>		6
<b>Any HES Activity Course Electives ~ 2 units required</b>		2
<b>Total Certificate Requirements.....</b>		<b>22</b>

## CERTIFICATE OF SPECIALIZATION IN ATHLETIC TRAINING

Certificate Requirements		Units
HES 220	Management & Care Of Athletic Injury I	3
HES 222	Management And Care Of Athletic Injury II	3
HES 223	Observation & Practicum Of Athletic Training	1
BIOL 110	Human Anatomy	4
BIOL 112	Human Physiology	4
<b>Total Certificate Requirements.....</b>		<b>15</b>

## CERTIFICATE OF SPECIALIZATION IN TEACHING/COACHING

Certificate Requirements		Units
HES 104	Sports Management	3
HES 124	Sports In American History	3
HES 132	Sports In Society	3
HES 160	Psychology Of Coaching	3
HES 180	Theory Of Sport: Applied Biomechanics	1
<b>-OR-</b> HES 181	Theory Of Sport: Coaching Methods And Issues	1
HES 220	Management & Care Of Athletic Injury I	3
<b>Total Certificate Requirements.....</b>		<b>16</b>

### Student Learning Outcomes

- **Communication:** Student will be able to effectively communicate using written and oral communication skills in disciplines and professions related to health and Exercise studies; this includes the ability to convey information and work effectively with groups of varying sizes, as well as different audience levels.
- **Multidisciplinary Perspective:** The ability to speak the language of the various disciplines in health and Exercise studies keeps graduates competitive in an increasingly interrelated and competitive market.
- **Knowledge:** A quantitative and qualitative understanding of physical activity in relation to: exercise and skill movement.
- **Application Skills:** Proficiency in disciplines related to Health and Exercise Studies will be taught and practiced regularly at FRC, through practicum experiences with the head athletic trainer and coaches in the profession.
- **Career Responsibility:** A developed professional identity, with established professional and educational goals, and an identified career track will cement the student's sense of place in Health and Exercise Studies, and provide direction toward a constructive and ethical career in their chosen field.

# HISTORY

## Degree

A.A. History  
A.A.-T History

## Program Description

The study of history demonstrates that, as individuals and as a community, we cannot hope to comprehend the present and prepare for the future without an understanding of the past. Knowledge of the past provides students with a sense of the people, ideas, forces, and institutions that shaped the condition of our contemporary world. The study of history can lead to professional work as a teacher, government or private agency historian, or museum curator. Additionally, historical study produces a student capable of performing a variety of jobs where knowledge and intellect are in demand and in which organizational skills and critical thinking are required, and can be particularly used to students pursuing a career in politics or law. (History majors should check the degree requirements of the university to which they intend to transfer and should meet with an academic advisor to construct an academic plan. History majors intending to transfer to CSU Chico are strongly encouraged to take the World history survey series which they require of history majors.) Feather River College offers two degrees in History. The first is a History Transfer Model Curriculum degree for students anticipating transfer to a California state University. The second is a more general degree that can be completed by students who are not planning to transfer to a four-year university.

## ASSOCIATE OF ARTS IN HISTORY

### Major Core Requirements

Units

Choose one of the following year-long course sequences (two courses from the US Series or the World History Series) and one course from the other sequence (the **U.S. Series** or the **World History Series**) or vice versa for 9 units total.

HIST 108	The United States to 1877	3
HIST 110	The United States Since 1865	3
HIST 111	World History to 1500	3
HIST 112	World History Since 1500	3

### Major Electives

(Select 12 units from below)

ANTH 106	Introduction to Prehistory	3
ANTH 150	Native North Americans	3
HIST 108	The United States to 1877	3
HIST 110	The United States Since 1865	3
HIST 111	World History to 1500	3
HIST 112	World History Since 1500	3
HIST 120	Women In American History	3
HIST/ETHN 130	Native American History	3
HIST/ETHN 135	African American Studies	3
HIST 140	California History	3
HIST/POL 170	Democracy in Practice, Washington DC Week	3
HIST/HUMN/POL 172	Democracy in Practice Landmarks Of Civil Rights	3
POL/SOC/ETHN 140	Introduction to Race and Ethnicity	3

**Total Major Requirements** .....21

### To earn an A.A. Degree in History

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

## ASSOCIATE OF ARTS IN HISTORY FOR TRANSFER

### Major Core Requirements

Units

*History majors must complete 18 units in the major with a minimum grade of "C" or better in all classes taken for the major. Majors must also complete either the CSU Breadth or the IGETC requirements.*

HIST 108	The United States to 1877	3
HIST 110	The United States Since 1865	3

### LIST A

*(Select six units from the following)*

HIST 111	World History to 1500	3
HIST 112	World History Since 1500	3

### LIST B

*(Select 3 units from each of the following two groups, 6 units total.)*

#### AREA 1 (3 units)

ENGL 246	Women's Literature	3
HIST 120	Women In American History	3
HIST/ETHN 130	Native American History	3
HIST/ETHN 135	African American Studies	3
POL/SOC/ETHN 140	Introduction to Race and Ethnicity	3
POL/SOC 160	Globalization	3

#### AREA 2 (3 units)

ANTH 106	Introduction to Prehistory	3
ANTH 150	Native North Americans	3
HIST 120	Women In American History	3
HIST/ETHN 130	Native American History	3
HIST/ETHN 135	African American Studies	3
HIST 140	California History	3
POL 130	Introduction to International Relations	3
POL/SOC/ETHN 140	Introduction to Race and Ethnicity	3

**Total Major Requirements..... 18**

**Pursuant to California Education Code 66746, students completing the Associate Of Arts in History For Transfer Degree are expected to meet the following:**

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.

### Student Learning Outcomes

- Identify significant events, people, and places in history;
- Comprehend the connections, contributions, and experiences of various regions, ethnicities, races and genders in the creation of the modern world.
- Interpret and extract meaning from primary and secondary sources;
- Appraise the connections between the past and the present through (written and orally) clearly and accurately about history.



# LIBERAL ARTS

## Degree

A.A. Liberal Arts: Arts and Humanities  
 A.A. Liberal Arts: Social and Behavioral Sciences

## Program Description

This degree is designed for transfer students pursuing an area of study requiring only introductory lower-division major-preparation courses within a broader liberal arts breadth pattern and transferring to a California State University (CSU), University of California (UC). Students seeking to transfer to a CSU or UC are strongly advised to visit assist.org and to contact an advisor at their destination university to ensure to ensure that their chosen pattern of coursework will satisfy the major and admissions requirements. A minimum of 60.0 transferable semester units must be completed with a grade of "C" or better in all area-of-emphasis-applicable units.

## ASSOCIATE OF ARTS IN LIBERAL ARTS: ARTS AND HUMANITIES

Choose two courses from the following list		Units
<i>(6 units total)</i>		
ART 172	World Art to 1500	3
ART 174	World Art Since 1500	3
HIST 111	World History to 1500	3
HIST 112	World History Since 1500	3
HUMN 110	Introduction to Humanities I	3
HUMN 112	Introduction to Humanities II	3

## Elective Requirements

*(Select 12 units from below)*

ART/HUMN 100	Art Appreciation	3
ART 107	Two Dimensional Design	3
ART 109	Three-Dimensional Design (3d Design)	3
ART 116	Drawing I	3
ART 122	Painting I	3
ART 150	Introduction To Photography	3
ART 172	World Art to 1500	3
ART 174	World Art Since 1500	3
ENGL/HUMN 128	Film Appreciation	3
ENGL 180	Nature Literature In America	3
ENGL/HUMN 228	Novel And Film	3
ENGL 245	Contemporary Literature	3
ENGL 246	Women's Literature	3
ENGL 252	American Literature I	3
ENGL 254	American Literature II	3
ENGL 256	Survey of British Literature I	3
ENGL 257	Survey of British Literature II	3
ENGL 277	Introduction to Shakespeare	3
HIST 111	World History to 1500	3
HIST 112	World History Since 1500	3
HUMN/MUS 101	Music Appreciation	3
HUMN 110	Introduction to Humanities I	3
HUMN 112	Introduction to Humanities II	3
PHIL 100	Introduction To Philosophy	3
PHIL 103	Philosophy Of Religions	3
THEA 105	Introduction to Acting	3
THEA 106	Advanced Acting	3

**Total Major Requirements..... 18**

### To earn an A.A. Degree in Liberal Arts: Arts and Humanities

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

### Student Learning Outcomes

- Identify, describe, and analyze significant works, people, ideas, and events in their cultural contexts.
- Effectively communicate an understanding of culture as expressed in arts and letters in global and comparative perspectives.
- Critically analyze individual belief systems by comparing diverse perspectives and considering cultural and historical complexities.

## ASSOCIATE OF ARTS IN LIBERAL ARTS: SOCIAL AND BEHAVIORAL SCIENCES

### Major Core Requirements

Units

*(Choose 18 units from the following classes including at least 6 units in one discipline.)*

ADMJ 102	Introduction to Administration of Justice	3
ADMJ/PSY 152	Psycho Pathology Of Serial Killers And Mass Murderers	3
ANTH 100	Introduction to Cultural Anthropology	3
ANTH 106	Introduction to Prehistory	3
ANTH 120	Physical Anthropology	3
ANTH 120L	Physical Anthropology Lab	1
BUS 106	Principles of Economics-Macro	3
BUS 108	Principles of Economics-Micro	3
ECE 153	Child, Family and Community	3
ECE 162	Child Growth and Development	3
ENVR/POL 180	Environmental Policy	3
GEOG 104	Cultural Geography	3
GEOG 125	World Regional Geography	3
HIST 108	The United States to 1877	3
HIST 110	The United States Since 1865	3
HIST 111	World History to 1500	3
HIST 112	World History Since 1500	3
HIST 120	Women In American History	3
HIST/ETHN 130	Native American History	3
HIST 140	California History	3
MATH 202	Elementary Statistics	4
POL 101	American Government and Politics	3
POL 130	Introduction to International Relations	3
POL/SOC/ETHN 140	Introduction to Race and Ethnicity	3
POL/SOC 160	Globalization	3
PSY 102	Introductory Psychology	3
PSY 152	Psycho Pathology Of Serial Killers And Mass Murderers	3
SOC 100	Sex, Gender, and Society	3
SOC 102	Introduction to Sociology	3
SOC 150	Social Trends and Problems	3

**Total Major Requirements..... 18**

### To earn an A.A. Degree in Liberal Arts: Social and Behavioral Sciences

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

### Student Learning Outcomes

- Identify, describe, and recognize the use of methods, approaches, and assumptions within social science disciplines.
- Effectively communicate an understanding of the complexity and interrelatedness of social institutions and their evolution.
- Critically analyze and compare concepts of human behavior over time and across cultures, and disciplines.

# MATHEMATICS

## Degree

A.S.-T Mathematics

A.S. Mathematics

## Program Description

Goal: The proposed Associate in Science in Mathematics for transfer degree is based on the approved Transfer Model Curriculum provided by the Academic Senate for California Community Colleges in accordance to SB1440 and California Education Code sections 66746-66749. The AS-T in Mathematics is consistent with and supports the college's mission of providing transfer education to its students. The courses within the AS-T in Mathematics fulfill transfer major requirements for students for transfer into the CSU system to complete a baccalaureate degree in Mathematics or similar major. Students who obtain an advanced degrees and/or professional certificates, such as a baccalaureate degree will have the foundation to pursue careers including urban planner, financial analyst, statistician, systems analyst, computer programmer and teacher. The Mathematics AS-Transfer degree requires 19 - 20 units and is designed for students who intend to pursue a degree in mathematics or a related discipline, and who plan to transfer to a four-year college or university. The Mathematics Associates Degree for Transfer (AS-T) may assist students in seamlessly transferring to a CSU. Mathematics majors should check the degree requirements of the university to which they intend to transfer and should meet with an academic advisor to construct an academic plan.

## ASSOCIATE OF SCIENCE IN MATHEMATICS FOR TRANSFER

### Major Core Requirements - List A

*(Take the following 4 courses - 16 units)*

		Units
MATH 218	Single Variable Calculus I –Early Transcendentals	4
MATH 220	Single Variable Calculus II – Late Transcendentals	4
MATH 222	Multivariable Calculus	4
MATH 224	Ordinary Differential Equations	4

### Major Core Requirements - List B

MATH 202	Elementary Statistics	4
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**Total Major Requirements.....20**

**Pursuant to California Education Code 66746, students completing the Associate Of Science in Associate of Science in Mathematics for Transfer For Transfer Degree are expected to meet the following:**

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.

## ASSOCIATE OF SCIENCE IN MATHEMATICS

Major Core Requirements		Units
MATH 202	Elementary Statistics	4
MATH 218	Single Variable Calculus I – Early Transcendentals	4
MATH 220	Single Variable Calculus II – Late Transcendentals	4
MATH 291	Directed Study	1

### Additional Requirements

*(Minimum of 18 units from below)*

CHEM 102	General Chemistry I	5
MATH 150	Concepts And Structures Of Mathematics for Educators	3
MATH 222	Multivariable Calculus	4
MATH 224	Ordinary Differential Equations	4
PHIL 101	Logic	3
PHYS 202	Physics Scientists/Engineers I	4
PHYS 204	Physics for Scientists and Engineers II	4

**Total Major Requirements** .....31

### To earn an A.S. Degree in Mathematics

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

### Student Learning Outcomes

- Apply mathematical concepts and principles to perform computations.
- Apply critical thinking and technology to solve applied problems.
- Create, use and analyze graphical representations of mathematical relationships.
- Communicate mathematical knowledge and reasoning.

# NURSING

## Degree

A.S. Licensed Vocational Nursing

## Certificate of Achievement

Licensed Vocational Nursing

## Program Description

Careers in the health care industry are expected to increase dramatically in the next few years. Both the A.S. and certificate options prepare the students to take the national licensing exam and upon passing the exam have the opportunity to apply for a state license as a vocational nurse. The FRC Vocational Nursing Program is a part-time program, averaging two days per week over a total of four semesters and two partial summers. FRC accepts up to 30 students every two years at its Feather River Campus. Applications are accepted in the spring semester of the year of the beginning of the program in August.

## ASSOCIATE OF SCIENCE IN LICENSED VOCATIONAL NURSING

### Required Prerequisites

		Units
BIOL 110	Human Anatomy	4
BIOL 112	Human Physiology	4
HES/NCA 170	Introduction to Nutrition	3
NURS 100	Nurse's Aide	6

### Major Core Requirements

NURS 111	Drug Dosage Calculations For Health Providers	3
NURS 112	Nursing Foundations	1
NURS 114	Nursing Foundations Lab	2
NURS 116	Psychological Principles For Nurses	3
NURS 120	Introduction To Pharmacology	1
NURS 122	Basic Medical Surgical Nursing	5
NURS 123	Basic Medical Surgical Nursing Lab I	2
NURS 125	Basic Medical Surgical Nursing Lab II	3.5
NURS 212	Intermediate Medical Surgical Nursing	3
NURS 214	Intermediate Medical Surgical Nursing Lab	2.5
NURS 222	Advanced Medical Surgical Nursing	5
NURS 223	Advanced Medical Surgical Laboratory I	2
NURS 225	Advanced Medical Surgical Laboratory II	1.5
NURS 232	Obstetrical Nursing	2
NURS 234	Obstetrical Nursing Laboratory I	0.5
NURS 235	Obstetrical Nursing Laboratory II	1
NURS 237	Pediatric Nursing	2
NURS 239	Pediatric Nursing Laboratory I	0.5
NURS 240	Pediatric Nursing Laboratory II	1

### Recommended Electives

NURS 080	Intravenous Therapy/Blood Withdrawal	2
NURS 280	Synthesis Of Nursing Concepts	2

**Total Major Requirements.....41.5**

### To earn an A.S. Degree in Licensed Vocational Nursing

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

## CERTIFICATE OF ACHIEVEMENT IN LICENSED VOCATIONAL NURSING

<b>Certificate Requirements</b>		<b>Units</b>
NURS 111	Drug Dosage Calculations For Health Providers	3
NURS 112	Nursing Foundations	1
NURS 114	Nursing Foundations Lab	2
NURS 116	Psychological Principles For Nurses	3
NURS 120	Introduction To Pharmacology	1
NURS 122	Basic Medical Surgical Nursing	5
NURS 123	Basic Medical Surgical Nursing Lab I	2
NURS 125	Basic Medical Surgical Nursing Lab II	3.5
NURS 212	Intermediate Medical Surgical Nursing	3
NURS 214	Intermediate Medical Surgical Nursing Lab	2.5
NURS 222	Advanced Medical Surgical Nursing	5
NURS 223	Advanced Medical Surgical Laboratory I	2
NURS 225	Advanced Medical Surgical Laboratory II	1.5
NURS 232	Obstetrical Nursing	2
NURS 234	Obstetrical Nursing Laboratory I	0.5
NURS 235	Obstetrical Nursing Laboratory II	1
NURS 237	Pediatric Nursing	2
NURS 239	Pediatric Nursing Laboratory I	0.5
NURS 240	Pediatric Nursing Laboratory II	1
<b>Total Certificate Requirements.....</b>		<b>41.5</b>

### Student Learning Outcomes

- Discuss the principles of physical and mental health nursing care.
- Describe specific disease conditions including prevention, treatment, nursing care, and rehabilitation.
- Demonstrate technical competence with the ability to perform nursing skills, including patient care procedures and medication administration in a safe and competent manner.
- Demonstrate understand of the role of the Licensed Vocational Nurse in problem solving and critical thinking skills in clinical practice and to promote the physical, mental, emotional, and spiritual well-being of each patient to the highest level of independence.
- Perform the professional role of the Licensed Vocational Nurse as a member of the health care team, and also an individual and a member of the community.

# NUTRITION, FOOD AND CULINARY ARTS

## Degree

A.A. Nutrition, Food and Culinary

## Certificate of Specialization

Baking Entrepreneurship  
 Catering Entrepreneurship  
 Restaurant Management

## Program Description

The Nutrition, Foods, and Culinary Arts program offers three certificates in addition to the major. Students completing certificates in Baking Entrepreneurship, Catering Entrepreneurship, or Restaurant Management will possess the fundamental skills in planning an entrepreneurial venture or small business with an emphasis in the baking, catering, or restaurant industry. Course work covers the characteristics of entrepreneurs, product or service feasibility, developing a marketing plan, understanding financial planning and ratios, and developing a viable business plan.

## ASSOCIATE OF ARTS IN NUTRITION, FOOD AND CULINARY

### Major Core Requirements

		Units
HES/NCA 170	Introduction to Nutrition	3
NCA 001	Food Safety And Sanitation	1.5
NCA 002	Professional Chef Cooking I	2.5
NCA 003	Professional Chef Cooking II	2.5
NCA 004	Food Service Cost Controls	2
NCA 010	Restaurant Operations - Breakfast	3.5
NCA 021	Fundamentals of Baking	2.5

### Elective Requirements

*Select 7 - 9 units from below*

NCA 012	Catering for the Professional	2.5
NCA 014	Stocks and Sauces	2
NCA 022	The World of Breads	3
NCA 025	The Art of the Wedding Cake	1.5
NCA 031	Mexican Cooking	1
BUS 130	Small Business Management	3

**Total Major Requirements ..... 24.5-26.5**

### To earn an A.A. Degree in Nutrition, Food and Culinary

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

## Certificate of Specialization in Baking Entrepreneurship

Certificate Requirements		Units
<b>Entrepreneurship</b>		
BUS 121	Introduction To Entrepreneurship	1
BUS 122	Entrepreneurial Marketing	1.5
BUS 123	Financial Management For Entrepreneurs	2
BUS 124	Preparing Effective Business Plans	1.5
<b>Nutrition, Food and Culinary Arts</b>		
NCA 001	Food Safety And Sanitation	1.5
NCA 004	Food Service Cost Controls	2
NCA 021	Fundamentals of Baking	2.5
NCA 023	Advanced Baking	2.5
NCA 025	The Art of the Wedding Cake	1.5
<b>Total Certificate Requirements.....</b>		<b>16</b>

## CERTIFICATE OF SPECIALIZATION IN CATERING ENTREPRENEURSHIP

Certificate Requirements		Units
<b>Entrepreneurship</b>		
BUS 121	Introduction To Entrepreneurship	1
BUS 122	Entrepreneurial Marketing	1.5
BUS 123	Financial Management For Entrepreneurs	2
BUS 124	Preparing Effective Business Plans	1.5
<b>Nutrition, Food and Culinary Arts</b>		
NCA 001	Food Safety And Sanitation	1.5
NCA 002	Professional Chef Cooking I	2.5
NCA 004	Food Service Cost Controls	2
NCA 012	Catering for the Professional	2.5
NCA 015	Garde Manger	2
<b>Total Certificate Requirements.....</b>		<b>16.5</b>

## CERTIFICATE OF SPECIALIZATION IN RESTAURANT MANAGEMENT

Certificate Requirements		Units
<b>Entrepreneurship</b>		
BUS 121	Introduction To Entrepreneurship	1
BUS 122	Entrepreneurial Marketing	1.5
BUS 123	Financial Management For Entrepreneurs	2
BUS 124	Preparing Effective Business Plans	1.5
<b>Nutrition, Food and Culinary Arts</b>		
NCA 001	Food Safety And Sanitation	1.5
NCA 002	Professional Chef Cooking I	2.5
NCA 004	Food Service Cost Controls	2
NCA 011	Restaurant Operations - Lunch	3.5
<b>Total Certificate Requirements.....</b>		<b>15.5</b>

### Student Learning Outcomes

- Apply theories and concepts of cooking and implement techniques to operate or function in a commercial kitchen.
- Apply theories and concepts of baking and implement techniques to operate or function in a commercial kitchen.
- Identify sanitation and safety codes and procedures necessary to maintain a safe food service facility.
- Analyze food cost and implement necessary controls to maintain costs and ensure profitability.
- Demonstrate a personal sense of professionalism necessary for working successfully in the food service and hospitality industry.
- Gain appreciation for the history, evolution, and international diversity of the culinary arts profession.
- Communicate effectively with customers and fellow employees.
- Apply knowledge and skills and succeed as a cook or baker in a restaurant or other culinary service business.



# OUTDOOR RECREATION LEADERSHIP

## Degree

A.A. Outdoor Recreation Leadership

## Certificate of Specialization

Outdoor Recreation Leadership  
Backcountry Search and Rescue

## Program Description

Outdoor Recreation Leadership is a unique program, designed to prepare students for careers in outdoor leadership and outdoor teaching positions as well as preparing students for transfer. Experiential education is a hallmark of the program. Feather River College and the surrounding 1.2 million acre Plumas National Forest provide an ideal laboratory for learning skills related to outdoor adventure leadership, and teaching. This is the only associate degree in Outdoor Recreation Leadership in California.

## ASSOCIATE OF ARTS IN OUTDOOR RECREATION LEADERSHIP

### Major Core Requirements

		Units
BIOL/ENVR 120	Sierra Nevada Natural History	3
ENVR/ORL 280	Professional Development Seminar	1
ORL 110	Introduction To Recreation And Leisure	3
ORL 116	Outdoor Recreation Principles	3
ORL 120	Recreation Program Planning	3
ORL 130	Adventure Based Outdoor Recreation	6
ORL 200	Outdoor Recreation Leadership	3
ORL 291	Directed Study	1-3

### Major Elective Requirements

*(Select 3 units from below)*

BUS 121	Introduction To Entrepreneurship	1
BUS 122	Entrepreneurial Marketing	1.5
BUS 123	Financial Management For Entrepreneurs	2
BUS 124	Preparing Effective Business Plans	1.5
BUS 130	Small Business Management	3
ENVR 102	Introduction to Environmental Studies	3
ENVR/ORL 180	Environmental Policy	3

### Major Technical Skill Course Electives

*(Select 3 units from below)*

ORL 140	Beginning Sea Kayaking	1
ORL 142	Intermediate Sea Kayaking	1
ORL 144	Backcountry Ski And Snowboard	1
ORL 150	Beginning Whitewater Rafting	1
ORL 154	Canoe And Stand-Up Paddle Board	1
ORL 156	Beginning Rock Climbing	1
ORL 158	Intermediate Rock Climbing	1
ORL 160	Beginning Backpacking	1
ORL 161	Intermediate Backpacking	1
ORL 162	Mountaineering	1
ORL 166	Mountain Biking	1
ORL 168	Cross-Country Skiing	1
ORL 170	Telemark Skiing	1
ORL 171	Intermediate Telemark Skiing	1
ORL 172	Beginning Whitewater Kayaking	1
ORL 174	Intermediate Whitewater Kayaking	1

## Major Certificate Course Electives

(Select 3 units from below)

ORL 152	Beginning Whitewater Raft Guide	2
ORL 180	Wilderness First Responder	2
ORL 182	Swiftwater Rescue Technician Level I	1
ORL 184	Challenge Course Facilitator	1
ORL 188	Wilderness First Responder Recertification	1
ORL 190	Avalanche Technician Level I	1
ORL 192	Swiftwater Rescue Technician Advanced	1

**Total Major Requirements..... 33-35**

### To earn an A.A. Degree in Outdoor Recreation Leadership

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

## CERTIFICATE OF SPECIALIZATION IN OUTDOOR RECREATION LEADERSHIP

### Certificate Requirements

		<b>Units</b>
ORL 130	Adventure Based Outdoor Recreation	6
ORL 180	Wilderness First Responder	2
ORL 291	Directed Study	1-3

### Certificate Technical Skill Electives

(Select 3 units from below)

ORL 140	Beginning Sea Kayaking	1
ORL 142	Intermediate Sea Kayaking	1
ORL 144	Backcountry Ski And Snowboard	1
ORL 150	Beginning Whitewater Rafting	1
ORL 154	Canoe And Stand-Up Paddle Board	1
ORL 156	Beginning Rock Climbing	1
ORL 158	Intermediate Rock Climbing	1
ORL 160	Beginning Backpacking	1
ORL 161	Intermediate Backpacking	1
ORL 162	Mountaineering	1
ORL 166	Mountain Biking	1
ORL 168	Cross-Country Skiing	1
ORL 170	Telemark Skiing	1
ORL 172	Beginning Whitewater Kayaking	1
ORL 174	Intermediate Whitewater Kayaking	1

### Certificate Course Electives

(Select 3 units from below)

ORL 152	Beginning Whitewater Raft Guide	2
ORL 182	Swiftwater Rescue Technician Level I	1
ORL 184	Challenge Course Facilitator	1
ORL 188	Wilderness First Responder Recertification	1
ORL 190	Avalanche Technician Level I	1
ORL 192	Swiftwater Rescue Technician Advanced	1

**Total Certificate Requirements..... 15-17**

## CERTIFICATE OF SPECIALIZATION IN BACKCOUNTRY SEARCH AND RESCUE

Certificate Requirements		Units
ORL 180	Wilderness First Responder	2
ORL 182	Swiftwater Rescue Technician Level I	1
ORL 190	Avalanche Technician Level I	1
ORL 291	Directed Study	1-3
One ORL Technical Skills Course (See list under Certificate of Specialization)		1
<b>Total Certificate Requirements</b> .....		<b>6</b>

### Student Learning Outcomes

- Leadership: Assess a group & situation to determine what is needed to reach goals while maintaining emotional & physical safety.
- Communication: Demonstrate competence in speaking, writing, and use of computers that will lead to successful employment in an entry-level position.
- Application: Actively apply knowledge & practiced skills in a variety of settings.
- Knowledge: Demonstrate knowledge of concepts and theories in recreation.
- Involvement: Demonstrate knowledge of issues related to the recreation field, develop opinions about them, and advocate for that position.
- Environment: Develop a philosophy & life style that reflects an understanding of the effect humans have on the environment, trying to mediate the harmful consequences of human behavior.

# PHYSICAL SCIENCE

## Degree

A.S. Physical Science

## Program Description

The Associate of Science Degree in Physical Science offers a flexible, broad-based, and interdisciplinary approach directed toward an understanding of our physical world. Students who contemplate transfer to a university Bachelor of Science program and who envision themselves a teacher or professional in the sciences will find the Physical Science Degree especially valuable. Beyond the required core courses, the degree program offers students a choice of two options designed to emphasize a student's particular interest and transfer desires: 1) a chemistry foundation, or 2) a physics foundation. Majors must also complete one of the college's general education requirement schemes. Students expecting to transfer to a 4-year university are strongly advised to complete the CSU Breadth or the IGETC requirements rather than the FRC GE requirements.

## ASSOCIATE OF SCIENCE IN PHYSICAL SCIENCE

### Major Core Requirements

*(Select a minimum of 8 units from below)*

		Units
MATH 108	Introduction to Trigonometry	1
MATH 110	College Algebra	4
MATH 116	Pre-Calculus	4
MATH 202	Elementary Statistics	4
MATH 218	Single Variable Calculus I – Early Transcendentals	4
MATH 220	Single Variable Calculus II – Late Transcendentals	4

### Elective Units

*(22 units - Units taken in Mathematics beyond 8 units can be used towards achieving 22 elective unit total.)*

BIOL 102	Cell and Molecular Biology	4
CHEM 102	General Chemistry I	5
CHEM 104	General Chemistry II	5
CHEM 106	Organic Chemistry for Science Majors	5
ENVR 142	Introduction to Environmental Science	3
ENVR 142L	Introduction to Environmental Science Lab	1
ENVR/GEOG 201	Introduction to Geographic Information Systems (GIS)	3
GEOG 102	Physical Geography	3
GEOL 102	Physical Geology	4
GEOL 104	Historical Geology	4
GEOL 120	Introduction to Earth Science	4
PHSC 120	Introduction To Astronomy	3
PHYS 102	General Physics I	4
PHYS 104	General Physics II	4
PHYS 202	Physics Scientists/Engineers I	4
PHYS 204	Physics For Sci & Engineers II	4
PHYS 206	Physics For Sci & Engineers III	4

**Total Major Requirements.....30**

### To earn an A.S. Degree in Physical Science

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

### Student Learning Outcomes

- Know, use, and interpret scientific explanations of the natural world
- Generate and evaluate scientific evidence and explanations
- Understand the nature and development of scientific knowledge
- Participate productively in scientific practices and discourse

# POLITICAL SCIENCE

## Degree

A.A.-T Political Science

A.A. Political Science

## Program Description

The study of politics is the study of power. Political science students study power relationships between people and government, and the decisions that affect peoples' lives at the state, national, and international levels. The program offers foundational courses in the field that explore topics in international relations, American politics, globalization and development, race/class/gender, public policy, human rights, law, public opinion, bureaucracy, and foreign policy. In their studies, students will develop an appreciation for citizen involvement and how civic engagement and social movements can compel change in this world. Students seeking a Political Science degree will build skills in critical thinking, effective written and oral communication, and global citizenship. This will prepare students for an advanced degree, professional certificates, and for a broad range of career options. This degree pursuit is well suited for students interested in employment in the public or private sectors, in areas of public service, public administration, civil service, governmental/non-governmental and grassroots organizations, research, communications, journalism, law, teaching policy analysis, and/or politics. Feather River College offers two degrees in Political Science. The first is a Political Science Transfer Model Curriculum degree for students anticipating transfer to a California State University political science or comparable degree program. The second is an associate degree that can be completed by students seeking other transfer opportunities or who are not planning transfer to a four-year university. Political science majors should check the degree requirements of the university to which they intend to transfer and should meet with an academic advisor to construct an academic plan.

## ASSOCIATE OF ARTS IN POLITICAL SCIENCE FOR TRANSFER

### Major Core Requirements

	Units
POL 101 American Government and Politics	3

### List A

*(Select 10 units from below)*

MATH 202 Elementary Statistics	4
POL 120 Comparative Politics	3
POL 130 Introduction to International Relations	3

### List B

*(Select 6 units from below)*

POL 110 Introduction to Political Theory and Thought	3
POL/SOC/ETHN 140 Introduction to Race and Ethnicity	3
POL 150 Introduction to Political Science	3
POL/SOC 160 Globalization	3

**Total Major Requirements..... 19**

**Pursuant to California Education Code 66746, students completing the Associate Of Arts in A.A. in Political Science for Transfer For Transfer Degree are expected to meet the following:**

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.

## ASSOCIATE OF ARTS IN POLITICAL SCIENCE

Core Requirements		Units
POL 101	American Government and Politics	3
POL 130	Introduction to International Relations	3

### Additional Requirements

*(Minimum of 12 units from below.)*

BUS 171	Project-Based Learning	1-3
POL 110	Introduction to Political Theory and Thought	3
POL 120	Comparative Politics	3
POL/SOC/ETHN 140	Introduction to Race and Ethnicity	3
POL 150	Introduction to Political Science	3
POL/SOC 160	Globalization	3

**Total Major Requirements..... 18**

### To earn an A.A. Degree in Political Science

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

### Student Learning Outcomes

- Identify and define the core concepts of political science and government that apply to the state, national, and international levels.
- Apply research methods and major theoretical perspectives to analyze political behavior, and the role of structures and institutions of power and governance.

# SOCIAL JUSTICE STUDIES

## Degree

A.A.-T Social Justice Studies

## Program Description

The Associate in Arts in Social Justice Studies for Transfer (AA-T) Degree is intended to meet the lower division requirements for various Social Justice B.A. degrees. The Social Justice Studies degree is an interdisciplinary degree that combines approaches from political science, sociology, history, literature, and popular culture to understand the struggles and experiences of marginalized groups. This program of study engages students in examining the how intersections, such as gender, race, class, ethnicity, and nationality, inform experiences with racism, sexism, classism, environmental injustice, and other forms of inequality within society. This degree emphasizes understanding the different ways power and privilege work in our society in order to create a better world. This degree is designed for students interested in and those going into majors such as Black or African American studies, Latinx/Chicanx studies, Asian/Asian American studies, gender and sexuality studies, LGBTQ+/queer studies, or fields like sociology, history, political science, psychology, English, or cultural studies.

## ASSOCIATE OF ARTS IN SOCIAL JUSTICE STUDIES FOR TRANSFER

### Major Core Requirements

	Units
ETHN/POL/SOC 140 Introduction to Race and Ethnicity	3
SOC/SOJU 100 Sex, Gender, and Society	3
SOJU 130 Introduction to Queer Studies	3

**Complete core requirements; plus take nine additional units from at least two of the elective areas listed below.**

### Area 1

HIST 120 Women In American History	3
ETHN/HIST 130 Native American History	3
ETHN/HIST 135 African American Studies	3

### Area 2

ENGL 228 Novel and Film	3
ENGL 246 Women's Literature	3
ENGL 245 Contemporary Literature	3
ETHN/MUS 150 Race and Ethnicity in American Music	3

### Area 3

SOC 102 Introduction to Sociology	3
SOC 150 Social Trends and Problems	3

### Area 4

MATH 202 Elementary Statistics	4
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**Total Major Requirements..... 18-19**

**Pursuant to California Education Code 66746, students completing the Associate Of Arts in A.A. in Social Justice Studies for Transfer Degree are expected to meet the following:**

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.

# SOCIAL WORK AND HUMAN SERVICES

## Degree

A.A.-T Social Work and Human Services

## Program Description

The field of social work and human services involves the study of society, social interactions, and more specifically, methods to improve the quality of lives for people from different social groups. This degree is designed to meet the rapidly expanding need for health, public and human service/social worker professionals in the state and across the country. The courses in this degree emphasize skills in team-work and collaboration, presentation techniques, critical thinking, and they prepare students to work in various cultural contexts and with diverse populations. The program is designed to prepare students for entry-level social-work positions and for transfer to four-year institutions of higher education. Completion of this program satisfies the lower division requirements for the Baccalaureate Degree in Social Work at a California State University. The program also aligns with various transfer programs for students who wish to continue to an Associate of Arts Degree in Liberal Arts with an emphasis in Social and Behavioral Sciences or the Associate Degrees for Transfer in either Psychology or Sociology.

## ASSOCIATE OF ARTS IN SOCIAL WORK AND HUMAN SERVICES FOR TRANSFER

### Major Core Requirements

		Units
SWHS 110	Introduction to Social Work and Human Services	3
SWHS 120	Fieldwork/Practicum: Social Work and Human Services	3
SOC 102	Introduction to Sociology	3
PSY 102	Introductory Psychology	3
MATH 202	Elementary Statistics	4
BIOL 100	Concepts in Biology	4
-OR- BIOL 110	Human Anatomy	4
-OR- BIOL 112	Human Physiology	4
BUS 106	Principles of Economics-Macro	3
-OR- BUS 108	Principles of Economics-Micro	3

### List A

*(Select 6 units from below)*

ADMJ 102	Introduction to Administration of Justice	3
ANTH 100	Introduction to Cultural Anthropology	3
ECE 153	Child, Family and Community	3
ECE 162	Child Growth and Development	3
ENGL 103	Critical Thinking and Writing	3
ENGL 246	Women's Literature	3
ENGL 245	Contemporary Literature	3
HIST 108	The United States to 1877	3
HIST 110	The United States Since 1865	3
SOC 100	Sex, Gender, and Society	3
SOC140	Introduction to Race and Ethnicity	3
SOC 150	Social Trends and Problems	3

**Total Major Requirements..... 18-19**

**Pursuant to California Education Code 66746, students completing the Associate Of Arts in A.A. in Social Justice Studies for Transfer Degree are expected to meet the following:**

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.



# SOCIOLOGY

## Degree

A.A.-T Sociology  
A.A. Sociology

## Program Description

Sociology is the systematic study of human society and social interactions. Students in this major explore how the interactions between individuals, groups, and the larger society shape and are shaped by social institutions such as the criminal justice system, education, government, economic structures, the media, politics, family, and religion. Using sociological theories and social science research methods, sociology students will examine how socioeconomic status, race, ethnicity, age, gender, sexualities, etc. affect behavior, interactions, and experiences in diverse societies. With these perspectives and approaches, students will critically examine contemporary social issues and problems. Students seeking a Sociology degree will build skills in critical thinking, effective written and oral communication. This will prepare students for an advanced degree, professional certificates, and for a broad range of career options. A number of careers are open to sociology majors including social service, social work, law, education, counseling, criminal justice, business, research, government, and communication. Feather River College offers two degrees in Sociology. The first is a Sociology Transfer Model Curriculum degree for students anticipating transfer to a California State University sociology, social work, or comparable degree program. The second is an associate degree that can be completed by students seeking other transfer opportunities or who are not planning to transfer to a four-year university. Sociology majors should check the degree requirements of the university to which they intend to transfer and should meet with an academic advisor to construct an academic plan.

**THE SOCIOLOGY DEGREE CAN BE COMPLETED 100% ONLINE.  
SPEAK TO AN ADVISOR ABOUT THE ONLINE COURSE SCHEDULE.**

## ASSOCIATE OF ARTS IN SOCIOLOGY FOR TRANSFER

Major Core Requirements	Units
MATH 202            Elementary Statistics	4
SOC 102            Introduction to Sociology	3
SOC 150            Social Trends & Problems	3
<b>Major Elective Requirements - List A</b>	
<i>(Select 6 units from below.)</i>	
POL/SOC/ETHN 140 Introduction to Race and Ethnicity	3
POL/SOC 160        Globalization	4
SOC 100            Sex, Gender, and Society	3
<b>Major Elective Requirements - List B</b>	
<i>(Take one of the following courses, or an unused course from List A.)</i>	
ADMJ 112           Introduction To Criminology	3
ADMJ 203           Introduction to Multiculturalism	3
ANTH 100          Introduction to Cultural Anthropology	3
ECE 153            Child, Family and Community	3
GEOG 104          Cultural Geography	3
PSY 102            Introductory Psychology	3
<b>Total Major Requirements.....</b>	<b>19</b>

**Pursuant to California Education Code 66746, students completing the Associate Of Arts in A.A. in Sociology for Transfer For Transfer Degree are expected to meet the following:**

- Completion of no more than 60 semester 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 - Breadth Requirements.
- A minimum of 18 semester units in the major with a grade of C (or P) or better while maintaining a minimum overall grade point average (GPA) of at least 2.0 in all CSU transferable coursework.

## ASSOCIATE OF ARTS IN SOCIOLOGY

### Core Requirements

*(Minimum of 9 units from below)*

	Units
SOC 102 Introduction to Sociology	3
POL/SOC/ETHN 140 Introduction to Race and Ethnicity	3
SOC 150 Social Trends and Problems	3
POL/SOC 160 Globalization	3

### Additional Requirements

*(Core and additional requirements must total 18 units)*

ADMJ 112 Introduction To Criminology	3
ANTH 100 Introduction to Cultural Anthropology	3
GEOG 104 Cultural Geography	3
GEOG 125 World Regional Geography	3
HUMN 110 Introduction to Humanities I	3
HUMN 112 Introduction to Humanities II	3
PHIL 102 Introduction to Ethics	3
SOC 100 Sex, Gender, and Society	3

**Total Major Requirements ..... 18**

### To earn an A.A. Degree in Sociology

1. Complete Major Core Requirements and Major Electives, as outlined.
2. Complete one of the following General Education (GE) patterns: FRC GE, CSU Breadth, or IGETC.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher

### Student Learning Outcomes

- Understand the interrelationships of individuals, social groups, social institutions, culture and society.
- Analyze the interaction of individuals, social groups, social institutions, and cultures using social science research methods and major sociological perspectives.

# COURSE LISTINGS



## ADMINISTRATION OF JUSTICE

### **ADMJ 102 - Introduction to Administration of Justice**

54 LEC, 3 UNITS

CSU(D8), UC

This course introduces students to the characteristics of the criminal justice system in the United States. Focus is placed on examining crime measurement, theoretical explanations of crime, responses to crime, components of the system, and current challenges to the system. The course examines the evolution of the principles and approaches utilized by the justice system and the evolving forces which have shaped those principles and approaches. Although justice structure and process is examined in a cross cultural context, emphasis is placed on the US justice system, particularly the structure and function of US police, courts, and corrections. Students are introduced to the origins and development of criminal law, legal process, and sentencing and incarceration policies.

### **ADMJ 105 - Community And Human Relations**

54 LEC, 3 UNITS

CSU, UC

This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics may include the consensus and conflicting values in culture, religion, and law.

### **ADMJ 106 - Introduction To Evidence**

54 LEC, 3 UNITS

CSU

This course examines categories of evidence and legal rules governing its admission and exclusion in the criminal process.

### **ADMJ 108 - Introduction To Investigations**

54 LEC, 3 UNITS

CSU

This course addresses the techniques, procedures, and ethical issues in the investigation of crime, including organization of the investigative process, crime scene searches, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process.

### **ADMJ 112 - Introduction To Criminology**

54 LEC, 3 UNITS

CSU

An introduction to major types of criminal behavior, characteristics of offenders, factors that contribute to crime and delinquency; the criminal justice process; the function of law enforcement, courts, probation, parole and institutions; changes in crime control and treatment processes; the role of society.

### **ADMJ 114 - Juvenile Justice**

54 LEC, 3 UNITS

CSU

This course is an examination of the origin, development, and organization of the Juvenile Justice System as it evolved in the American Justice System. The course explores the theories that focus on Juvenile Law, courts and processes, and the constitutional protections extended to juveniles administered in the American Justice System.

### **ADMJ 116 - Vice, Narcotics, And Organized Crime**

54 LEC, 3 UNITS

CSU

Drug identification, drug prevention techniques and strategies, and drug addiction treatment; interrelations of organized crime to the community, impact of covert criminal activities upon the social structure, symptoms of organized crime activity, i.e. vice, narcotics, and organized criminal enterprises; political influences of organized crime in the legal system; investigation of organized crime. Formerly and ADMJ016.

### **ADMJ 118 - Police Field Operations**

54 LEC, 3 UNITS

CSU

This course covers basic operations of the patrol function in law enforcement, which is a basic course for students aspiring to a law enforcement career. Topics include history and development of patrol philosophy; planning for field activities to include functions of patrol, traffic, and other investigative duties of the field officer; techniques for planning patrol activities; handling complaints and requests for services; mechanics of field interviews, searches, and arrests; handling traffic-related problems; civil and domestic disturbances and other community crime incidents. Formerly ADMJ 010 and ADMJ 018.

### **ADMJ 120 - Introduction To Corrections**

54 LEC, 3 UNITS

CSU

Survey of correctional science. Historical development, current concepts and practice; explanations of criminal behavior; functions and objectives of the criminal justice system concerned with institutional, probation, and parole processes as they modify the offender's behavior; survey of professional career opportunities in public and private agencies.

### **ADMJ 125 - Wildlife Law And Issues**

36 LEC, 2 UNITS

CSU

In-depth studies of wildlife issues, laws, and regulations throughout North America and the world. The course includes in-depth discussions and analysis of the Endangered Species Act, commercialization of wildlife, illegal trade of wildlife, introduction of exotic species, the effects of pollution on wildlife, depredation wildlife and human populations' effect upon wildlife. Possible solutions to wildlife issues will be reviewed. Cross-listed with ENVR 125.

### **ADMJ 126 - Crime Scene Investigation**

54 LEC, 3 UNITS

CSU

This course provides an introduction to the role of forensics in criminal investigations. It examines the methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, firearms, questioned documents and controlled substances.

### **ADMJ 128 - Introduction To Terrorism**

58 LEC, 3 UNITS

CSU

Historical overview of terrorism, its development in modern times, and its impact on society.

### **ADMJ 152 - Psycho Pathology Of Serial Killers And Mass Murderers**

54 LEC, 3 UNITS

CSU

Provides a historical examination and analysis of serial, mass, and spree homicides. Examines theories on the motives for these types of murders. Studies the historical application of the law to homicide and murder cases. Examines the detection, investigation and prosecution of murder cases including the analysis of forensic evidence in homicide cases. Explores the criminal justice system's capabilities of responding to multiple murder cases as well as society's response. Cross-listed with PSY 152.

### **ADMJ 201 - Introduction To Community Policing**

54 LEC, 3 UNITS

CSU

Community policing involves a rethinking of the role of the police and restructuring of the police organization. It emphasizes community/police collaboration and policing as problem-solving instead of responding to crime. Building partnerships with the community is emphasized. Community-oriented policing and problem-oriented policing efforts will be analyzed.

**ADMJ 203 - Introduction to Multiculturalism**

54 LEC, 3 UNITS

CSU(D0, D3, D7)

Police and community relations will be covered to include the tension caused by minority concern with equal protection under the law and the police concern with crime control and order maintenance. The history of racism in America as it relates to police and minority relations will be a focus of the course. Diversity will be placed in the context of other disciplines such as anthropology, sociology, political science, and history.

**ADMJ 204 - Criminal Law And Procedure**

54 LEC, 3 UNITS

CSU, UC

This course offers an analysis of the doctrines of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. 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 law and case studies to introduce students to criminal law. The completion of this course offers a foundation upon which upper-division criminal justice course will build. The course will also include some limited discussion of prosecution and defense decision-making, criminal culpability, and defenses to crimes.

**ADMJ 206 - Current Issues In The Administration Of Justice**

54 LEC, 3 UNITS

This course examines contemporary issues in the criminal justice system, including but not limited to: juvenile delinquency, crime rates and racial discrimination; the death penalty; domestic and family violence; punishment and rehabilitation in the correctional system, police misconduct, police brutality, and excessive use of force.

**ADMJ 210 - POST - Use of Force: Legal Issues**

9 LEC, 0.5 UNITS

Course is for all levels of law enforcement personnel. It is designed to familiarize students with Use of Force principles with relevant statutes and case law. The course integrates practical scenarios with these principles to allow the student to effectively analyze applicable Use of Force options on any level of confrontation. Emphasis also will be placed upon prevailing organizational policies as well as relevant statutes and case law as they apply to investigations and policy improvements for Use of Force issues.

**ADMJ 211 - POST - Internal Affairs Investigation**

27 LAB, 0.5 UNITS

Studies the legal issues, case law, interviewing techniques, and report writing - covers the Public Safety Officers Procedural Bill Of Rights Act.

**ADMJ 212 - POST - Domestic Violence, Racial Profiling, Workplace Harassment**

9 LEC, 0.5 UNITS

Legal issues updates and policies concerning domestic violence, racial profiling, and workplace harassment (sexual) prevention. All topics are legally mandated for law enforcement personnel.

**ADMJ 213 - POST - Courtroom Testimony**

9 LEC, 0.5 UNITS

This course is designed to assist the officer in becoming more comfortable in the courtroom and to teach the officer to testify effectively.

**ADMJ 214 - POST - Report Writing**

18 LEC, 1 UNITS

This course will enhance report writing skills for both criminal and civil liability reports, recognizing the demands placed on field personnel for increased follow-up investigations and changing societal norms which impact perceptions of police practices.

**ADMJ 291 - Directed Study**

PROBLEM WITH HOURS, 1-5 UNITS

CSU

A student may take advanced course work or complete a student designed project in Administration of Justice after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor and Chief Instructional Officer, and placed on file with the Office of Instruction.

**AGRICULTURE****AG 291 - Directed Study**

PROBLEM WITH HOURS, 1-5 UNITS

CSU

A student may take advanced course work or complete a student designed project in Agriculture after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor and Chief Instructional Officer, and placed on file with the Office of Instruction.

**AG 295 - Community Service Learning In Agriculture**

9-36 LEC, 27-108 LAB, 1-4 UNITS

Individual opportunities to complete a community service-learning project that provides service that will be of benefit to the community, including internship, apprenticeship, or other volunteer opportunities. The service is associated with knowledge and skills developed within their Agriculture studies. Students identify and complete different objectives for each unit of credit.

**AG 296 - Special Projects in Agriculture**

9-27 LEC, 36-108 LAB, 1-4 UNITS

Individual opportunities to study investigate research and participate in special topics in Agriculture. Student completes different performance objectives for each unit of credit.

**AG 299 - Special Topics In Agriculture**

4.5-36 LEC, 13.5-81 LAB, 0.5-3 UNITS

CSU

Course covers selected topics in evolving issues or research in the area of Agriculture or special field topics not covered by regular course offerings. Independent student research and presentation are emphasized.

**CWEE 150 - General Cooperative Work Experience**

60-450 FIELD, 1-6 UNITS

CSU

This class is designed to accelerate career growth by offering credit for work experience, employment, or volunteer work. Each student will establish an agreement between the

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college, the student, and the employer or agency to develop work-based learning objectives and facilitate the learning of relevant professional information. CWEE students do not attend weekly classes, but perform self-directed career development assignments according to their individual needs and schedule. Students earn one unit for 60 unpaid hours, or 75 hours paid work over the semester. Students can earn up to 6 units a semester, and 16 units within their community college attendance.

### **CWEE 199 - Cooperative Work Experience Agriculture**

60-600 LAB, 1-8 UNITS

Designed to develop skills and knowledge, to acquire desirable work habits and attitudes and to expand career awareness with planned, supervised paid or unpaid work experience in Agriculture. Combines work experience with regular college instruction to extend classroom learning for the student volunteer. Provides the opportunity to enhance employment skills and program quality for those who are currently employed in the Agriculture industry.

### **CWEE 418 - Equine and Ranch Management Internship**

60-450 FIELD, 1-6 UNITS

Students will spend time with an approved agricultural firm engaged in production or related business. Time will be spent applying and developing production and managerial skills and abilities. Independent student research and presentations are emphasized. 60 hours unpaid, or 75 hours paid work are required to earn each 1.0 unit (CCR &sect; 55256.5(c)(1)) A maximum of 6 units may be completed per term. Course prerequisites include: sophomore standing or 30 completed units, acceptance to the Bachelor of Science Program, or approval by the Agriculture Department Chair.

## **AGRICULTURE-ANIMAL SCIENCE**

### **AGAS 120 - Introduction To Animal Science**

36 LEC, 54 LAB, 3 UNITS

UC(B2, B3), UC

This course is a survey of the livestock industry, supply of animal products, and their uses in animal production. There is a special emphasis on the origin, characteristics, adaptation, and contributions of farm animals to the agriculture industry. The student will analyze the economic and environmental roles of animal production and companionship to society. A survey of nutrition, genetics, reproduction, behavior, growth and development of animals is included. Animal products, biosecurity, and food processing will also be addressed.

### **AGAS 125 - Animal Feeds And Nutrition**

36 LEC, 54 LAB, 3 UNITS

CSU

The science of animal nutrition; the fundamentals of digestion and absorption in both ruminants and non-ruminants are discussed. The nutritive value of feeds as they relate to the formulation of livestock rations will be emphasized including by-product feeding.

### **AGAS 164 - Animal Behavior**

54 LEC, 3 UNITS

CSU

General introduction to animal behavior. Behavior or individual animals, animal relationships, origins of behavior, and social organizations are discussed. Cross-listed with BIOL164

### **AGAS 170 - Elements Of Beef Cattle Science**

36 LEC, 54 LAB, 3 UNITS

CSU, UC

Study of the principles and practices of purebred and commercial beef cattle production throughout the world, especially in the United States and California. The course emphasizes the importance of breeds, breeding principles, selection, nutrition, environmental management, health, marketing and record

keeping to ensure scientifically based management decisions and consumer product acceptance as applied to beef cattle.

### **AGAS 266 - Advanced Aquaculture**

36 LEC, 54 LAB, 3 UNITS

CSU

This course builds upon the knowledge gained in ENVR250 Fish Culture and delve deeper into the subjects of water quality, water management, feed management, inventory, and bio filtration. These subjects are the driving force for recirculation fish culture. Students will explore the important mechanical components of a system and the role each plays in the life support of the culture species. Cross-listed with ENVR266.

### **AGAS 302 - Advance Techniques in Equine Training-Fall**

18 LEC, 54 LAB, 2 UNITS

Advanced principles and applications of training young horses under saddle. Course includes groundwork, philosophy of colt starting, problem solving, equine behavior modification. Training young horses in body control and maneuvers under saddle with special emphasis on applied horse training techniques. Advancing physical skills while on horseback through repetition and refinement of practice.

### **AGAS 303 - Advanced Techniques in Equine Training Spring**

18 LEC, 54 LAB, 2 UNITS

Mastering advanced principles and applications of training young horses under saddle. Course includes groundwork, philosophy of colt starting, problem solving, equine behavior modification. Training young horses in body control and maneuvers under saddle with special emphasis on advancing individual applied horse training techniques. Mastering physical skills while on horseback through repetition and refinement of practice.

### **AGAS 307 - Advanced Techniques in Equine Sale Preparation I**

18 LEC, 54 LAB, 2 UNITS

Advanced techniques in equine sale preparation, conditioning, and showing horses. Students gain experience training, conditioning, grooming, showing and/or selling horses. Training horses in advanced maneuvers under saddle including cow work, rope work, trail, versatility, and reining patterns. Applied horse training techniques and fitting a horse in preparation for horse sale or show. Advancing physical skills while horseback through repetition and refinement of practice.

### **AGAS 308 - Advanced Techniques in Equine Sale Preparation II**

18 LEC, 54 LAB, 2 UNITS

Mastering advanced techniques in equine sale preparation, conditioning, and showing horses. Students gain further experience training, conditioning, grooming, showing, marketing, and/or selling horses. Training horses in advanced maneuvers under saddle including cow work, rope work, trail, versatility, and reining patterns. Advancing applied horse training techniques and fitting a horse in preparation for horse sale or show. Mastering physical skills while horseback through repetition and refinement of practice.

### **AGAS 313 - Equine and Bovine Health and the Prevention and Control of Disease**

54 LEC, 3 UNITS

Important diseases of livestock. Immunity, disease mechanisms, infectious agents, diagnostic procedures, and post-mortem techniques as well as a survey of selected but generally well-recognized diseases of livestock.

### **AGAS 350 - Reproduction, Breeding Systems, and Genetics of Livestock**

36 LEC, 54 LAB, 3 UNITS

A study of the mechanisms of livestock reproduction, genetics, and animal breeding systems with an emphasis on beef cattle and horses. Physiological mechanisms of livestock reproduction

including gonad function, endocrine relationships, fertility, and factors affecting reproduction efficiency; genetics including study of the genetic basis of selection, kinds of gene action, principles of physical and chemical basis of heredity, mutations, sex-linkage, chromosome mapping, multiple alleles and chromosomal abnormalities. Breeding systems including the application of genetic principles to livestock improvement and development of breeding programs based on principles of population genetics.

#### **AGAS 360 - Technical Veterinary Skills**

36 LEC, 54 LAB, 3 UNITS

Restraint and handling of animals, physical examination, necropsy procedure, basic wound management, applied pharmacology, herd health programs, applied veterinary techniques.

#### **AGAS 402 - Training of the Hackamore Horse**

18 LEC, 54 LAB, 2 UNITS

Techniques and applications involved in the training of a hackamore horse. This course will continue the advancement of the training of the young horse in the hackamore. Course includes advanced riding techniques, philosophy of equine behavior modification, the function of the hackamore. Training young horses in advanced maneuvers under saddle with special emphasis on continuing the fall training of three year olds and progressing to a hackamore.

#### **AGAS 403 - Training of the Bridle Horse**

18 LEC, 54 LAB, 2 UNITS

Techniques and applications involved in the training of a bridle horse. This course will continue the advancement of the training of the young horse in the bridle. Course includes advanced riding techniques, philosophy of equine behavior modification, the function of the bridle. Training young horses in advanced maneuvers under saddle with special emphasis on continuing the spring training of the four year old horse and progressing to the bridle.

#### **AGAS 421 - Equine Production and Management**

45 LEC, 27 LAB, 3 UNITS

Knowledge and skills for the application of current management practices in the area of horse production and management. Emphasis on nutrition, disease, preventative health care, reproductive management, anatomy and physiology and facility development and maintenance. (Also counts as a Career Elective)

#### **AGAS 423 - Beef Cattle Production and Management**

36 LEC, 54 LAB, 3 UNITS

Students in this course will develop the knowledge and skills for the application of current management practices in the area of beef cattle production and management. Emphasis on reproduction, breeding, nutrition, health care and facility development and maintenance.

#### **AGAS 450 - Applied Beef Cattle Reproductive Management**

9-18 LEC, 27-54 LAB, 1-2 UNITS

An advanced course in bovine reproductive management. Further explores the principles of reproduction management of cattle by emphasizing current cattle breeding techniques and practices, management and care of the cow and calf, management and care of the bull. Emphasis on development of technical skills.

#### **AGAS 455 - Applied Equine Reproductive Management**

9-18 LEC, 27-54 LAB, 1-2 UNITS

An advanced course in equine reproductive management. Further explores the principles of reproduction management of horses by emphasizing current horse breeding techniques and practices, management and care of the broodmare and neonatal foal, and management and care of the stallion. Emphasis on development of technical skills.

### **AGRICULTURE-BUSINESS**

#### **AGAB 110 - Introduction To Agriculture Business**

54 LEC, 3 UNITS

CSU

This survey course develops a basic understanding of the business and economics of the agriculture industry. It introduces students to the economic aspects of agriculture and their implications for the agricultural producer, consumer and the food system. The management principles encountered in the day to day operation of an agricultural enterprise are stressed as they relate to the decision-making process.

#### **AGAB 112 - Agriculture Sales And Communication**

36 LEC, 54 LAB, 3 UNITS

CSU

This course involves the study of principles of the selling process: selling strategies and approaches, why and how people buy, prospecting, and customer service. Self-management, communication, and interpersonal skills necessary in developing leadership qualities, and facilitating teamwork within the agribusiness sector will be explored. Students will gain experience through role-play and formal sales presentations. Formerly AG112.

#### **AGAB 124 - Agriculture Economics**

54 LEC, 3 UNITS

CSU(D2), UC

This course introduces students to the place of agriculture and farming in the economic system. This includes basic economic concepts, and problems of agriculture, pricing and marketing problems, factors of production, and state and federal farm programs affecting the farmer's economic position.

#### **AGAB 150 - Agriculture Computer Applications**

54 LEC, 3 UNITS

CSU

This course is designed to provide students with the opportunity to learn computer skills and applications that are used in various agribusiness fields. Computer applications including word-processing, spreadsheets, databases, and presentation managers will be covered. Also included will be instruction on accessing information through the Internet and World Wide Web, telecommunications, an introduction to web page design and other software applications appropriate to agribusiness. Formerly AG150.

#### **AGAB 188 - Farm Management**

36 LEC, 54 LAB, 3 UNITS

CSU

This course covers the organization and operation of farm and ranch businesses. Identify factors affecting profitability of agricultural farms. Evaluation of farm businesses for increased efficiency and profit. Analyzing farm operations and budgeting of large and small-scale farms.

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**AGAB335-Equine and Ranch Management Entrepreneurship**  
3 LEC, 3 UNITS

Learn how to be a successful agriculture entrepreneur by gaining foundational knowledge and exploring the strengths and weaknesses of your entrepreneurial plan. Topics include defining and refining the idea, developing the opportunity, and planning and delivering the business venture. Learn the importance of the business plan as preparation for launching your business venture, managing the business and obtaining investor dollars.

**AGAB 364 - Promotion and Marketing in the Equine and Beef Cattle Industry**

54 LEC, 3 UNITS

Introduction to marketing strategies, planning, budgeting, research, product development, pricing, branding, communications and promotions, with applications specific to the equine and beef cattle industry. Students will become acquainted with multimedia marketing techniques and event planning in the agriculture industry.

**AGAB 410 - Equine and Ranch Management Leadership Seminar**

54 LEC, 3 UNITS

The study of leadership traits. Knowledge, skills and attitudes that enhance personal effectiveness and professional success. Goal attainment, personal organization and critical thinking strategies are emphasized. Principles and practices in planning, developing, conducting, and evaluating leadership programs for agricultural groups. Improving group communication; becoming effective leaders and members of groups; improving leadership and personal development skills; assessing leadership situations, determining and administering appropriate leadership strategies, and evaluating results.

**AGAB 465 - Equine and Ranch Enterprises**

54 LEC, 3 UNITS

A capstone course to be taken during a student's final year to evaluate agribusiness organization and management. A variety of Equine, Agriculture, and ranch management businesses will be evaluated and examined either through case studies and/or facility tours. Discussion topics will include evaluation of business plans, location, costs, natural resource management, environmental regulations, and human resource management. Budgeting, output-input relationships, and enterprise analysis in decision making.

## AGRICULTURE-EQUINE STUDIES

**AGEQ 009 - Draft Horse Driving I**

4.5 LEC, 13.5 LAB, 0.5 UNITS

This course offers an opportunity to explore the history of the work horse. Students will learn about draft breeds, the equipment needed for driving draft horses, and the practices required to drive draft horses.

**AGEQ 010 - Draft Horse Driving II**

4.5 LEC, 13.5 LAB, 0.5 UNITS

An introductory course to explore the history of the work horse. Students will learn about draft breeds and the equipment needed for driving draft horses. Progressive skill development from course prerequisite AGEQ 009 to gain proficiency to harness and drive a single or double draft team with assistance.

**AGEQ 011 - Draft Horse Driving III**

4.5 LEC, 13.5 LAB, 0.5 UNITS

Students will continue studying draft horse driving. The course presents further content in the dynamics of draft, harness and harnessing, principles of driving, and the anatomy and health care of the draft horse. Upon completing this course, students

will be more proficient in harnessing practices and in driving a single or double draft team.

**AGEQ 015 - Western Horseback Riding for Beginning Riders**

4.5-18 LEC, 13.5-54 LAB, 0.5-2 UNITS

Western riding techniques and equitation for beginning riders. Participants learn the principles of general horse care, equipment and tack, and horse riding. Students will develop their skills through practical experience and will have "individualized" equitation lessons in a group setting.

**AGEQ 102 - Elements of Equine Science**

45 LEC, 27 LAB, 3 UNITS

CSU, UC

This course is a survey of the equine industry, encompassing the evolution and role of the equine species throughout history, breed selection and development, nutrition, disease, preventative health care, reproductive management, basic anatomy and physiology, and equine career options.

**AGEQ 103 - Western Equitation I**

18 LEC, 54 LAB, 2 UNITS

CSU(E), UC

Western riding techniques and equitation. Designed to teach horseback riding to students with little or no previous experience, and those who have experience riding, but have not had the opportunity to "take lessons." Students will develop their skills through practical experience, and will have "individualized" equitation lessons in a group setting.

**AGEQ 104 - Horse Conformation and Judging**

18 LEC, 1 UNITS

CSU

Horse Conformation is a survey course, which covers varied elements of horse conformation and judging as it relates to the horse in action. Students will be able to identify and recognize desired horse conformation for various types of equitation and demonstrate an overall knowledge of how the horse moves. Basic horse anatomy and physiology; bone structure, circulatory, and respiratory systems as they relate to the horse in motion.

**AGEQ 106 - Western Equitation II**

18 LEC, 54 LAB, 2 UNITS

CSU

Intermediate and advanced western riding techniques and equitation. Use of natural aides for advanced equitation and riding maneuvers. Horse behavior and psychology. Prerequisite: AGEQ 103.

**AGEQ 107 - Elements of Pack Station and Stable Operations**

45 LEC, 27 LAB, 3 UNITS

CSU

An introductory course into the major business and skill aspects of pack station and horse stable management. Operational theories, practical applications, and specific skills in horse packing and guided horseback rides will be discussed in this course. The program is designed to expose students to current pack station and stable operations theories and their practical application, and to provide student with specific skills in the pack station and stable operations field.

**AGEQ 108 - Pack Station and Stable Operations Field Experience I**

18 LEC, 54 LAB, 2 UNITS

CSU

This course allows students to demonstrate practical skills necessary in organizing and implementing an actual pack trip. Practical applications of skills such as how to plan, organize and implement a three-day pack trip. The application of skills learned in course co-requisite AGEQ 107.

**AGEQ 109 - Pack Station and Stable Operations Field Experience II**

18 LEC, 54 LAB, 2 UNITS

CSU

This course introduces students to the practical skills necessary for organizing and implementing a pack trip. It includes the



practical applications of skills such as the planning, organization and implementing of a three-day pack trip. The progressive application of skills learned in prerequisite AGEQ 108.

**AGEQ 115 - Elements of Horse Training I**

4.5-27 LEC, 13.5-81 LAB, 0.5-3 UNITS

CSU

Elements of Horse Training I covers elements of horse behavior modification. Participants will be able to understand a variety of techniques to teach the horse to respond and advance in progressive levels from AGEQ115 through AGEQ118, the course levels provides the skills to explain, demonstrate, compare, contrast, differentiate, create and evaluate horse training philosophies, techniques and specific skills.

**AGEQ 116 - Elements of Horse Training II**

4.5-27 LEC, 13.5-81 LAB, 0.5-3 UNITS

CSU

This course covers various elements of horse training techniques and concepts. Students will advance in the topic areas and techniques introduced in AGEQ 115, and enhance their understanding and skill development. Students will advance their ability to compare and contrast horse training philosophies, techniques, and specific skills. Prerequisite: AGEQ 115.

**AGEQ 117 - Elements of Horse Training III**

4.5-27 LEC, 13.5-81 LAB, 0.5-3 UNITS

CSU

This course covers various advanced elements of horse training techniques and concepts. Students will advance in the topic areas and techniques introduced in AGEQ116, and enhance their understanding and skills, including the ability to differentiate and apply horse training philosophies, techniques and specific skills. Prerequisite AGEQ 116

**AGEQ 118 - Elements of Horse Training IV**

4.5-27 LEC, 13.5-81 LAB, 0.5-3 UNITS

CSU

This course covers various elements of horse training techniques and concepts. Students will advance in the topic areas and techniques introduced in AGEQ117, and enhance their understanding and skills, including the ability to differentiate and apply horse training philosophies, techniques and specific skills. Prerequisite AGEQ 117.

**AGEQ 123 - Introduction to Farrier Science**

18 LEC, 1 UNITS

CSU

This course covers introductory horseshoeing principles and practices, including basic anatomy and physiology of the horse's limbs and feet, horseshoeing terminology, and guidelines for assessing a proper horseshoeing job.

**AGEQ 124 - Elements of Farrier Science**

18 LEC, 1 UNITS

CSU

This course covers horseshoeing principles and practices, including anatomy and physiology of the horse's limbs and feet, horseshoeing terminology, and guidelines for assessing a proper horseshoeing job. Specific attention is given to causes, treatment and prevention of common lameness problems. Progression of student learning outcomes from course prerequisite AGEQ 123.

**AGEQ 135 - Conditioning the Horse and Rider I**

27-108 LAB, 0.5-3 UNITS

CSU

Development of sport specific strength, neuromuscular strength, power and speed for both horse and rider. A

progression of exercises and techniques to maximize individual performance, minimize injury, develop and maintain a safe and healthy horse and rider conditioning program.

**AGEQ 136 - Conditioning the Horse and Rider II**

27-108 LAB, 0.5-3 UNITS

CSU

Development of sport specific strength, neuromuscular strength, power and speed for both horse and rider. A progression of exercises and techniques to maximize individual performance, minimize injury, develop and maintain a safe and healthy horse and rider conditioning program. Demonstrate exercises for both horse and rider. Progression of skills from prerequisite course AGEQ 135.

**AGEQ 137 - Conditioning the Horse and Rider III**

27-108 LAB, 0.5-1 UNITS

CSU

Development of sport specific strength, neuromuscular strength, power and speed for both horse and rider. A progression of exercises and techniques to maximize individual performance, minimize injury, develop and maintain a safe and healthy horse and rider conditioning program. Demonstrate exercises for both horse and rider. Progression of skills from prerequisite course AGEQ 135.

**AGEQ 138 - Conditioning the Horse and Rider IV**

27-108 LAB, 0.5-1 UNITS

CSU

Development of sport specific strength, neuromuscular strength, power and speed for both horse and rider. A progression of exercises and techniques to maximize individual performance, minimize injury, develop and maintain a safe and healthy horse and rider conditioning program. Demonstrate exercises for both horse and rider. Progression of skills from prerequisite course AGEQ 135.

**AGEQ 140 - Introduction to Equine Behavior and Training**

27 LEC, 27 LAB, 2 UNITS

CSU

This course introduces students to the principles involved in handling and training horses with an emphasis on the historical perspectives and technical development of the unique cooperation between horses and humans. Topics include equine behavior patterns and training philosophy, evolution of horsemanship, development of training equipment, alternative equine health care and therapies.

**AGEQ 141 - Equine Behavior and Training**

27 LEC, 27 LAB, 2 UNITS

CSU

This course advances student understanding of the principles involved in handling and training horses utilizing behavior modification procedures that emphasize communication through knowledge, skills, and respect for the horse. Course includes equine training behavior patterns on the ground and in the saddle as well as innovative horse training techniques, equine training problems and general solutions.

**AGEQ 151 - Introduction to Horse Event Competition and Showing Level I**

9-18 LEC, 27-54 LAB, 1-2 UNITS

CSU

Introduction to Horse Event Competition Showing provides an introduction to theories and practices of horse competition and show events such as reining, versatility, horsemanship, showmanship, cow work, equitation, trail, pleasure and halter. Emphasis will be placed on the introduction to the discipline

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fundamentals, history of the sport, scoring, rule interpretation, and judging. The course will also provide the student the opportunity to study, learn, and practice the basic skills and beginning techniques necessary to participate in horse competition and show.

### **AGEQ 152 - Introduction to Horse Event Competition and Showing Level II**

9-18 LEC, 27-54 LAB, 1-2 UNITS

CSU

Horse Event Competition Showing develops the theories, skills, and practices of horse competition and show events in reining, ranch versatility, showmanship, cow work, equitation, trail, pleasure and halter. Emphasis will be placed on horse competition and show discipline practices, scoring, and judging. Students will be provided the opportunity to practice the skills and techniques necessary to participate in a horse competition or show. Participants will develop an enhanced understanding and skill development while progressing skills and techniques learned in AGEQ151.

### **AGEQ 175 - Ranch Skills Short Course**

162 LEC, 54 LAB, 10 UNITS

CSU

This course covers techniques and skills necessary for ranch work using horses. It's designed to teach horseback riding to students with little or no previous experience, and those who have experience riding but have not had the opportunity to "take lessons." Students will develop their skills through practical experience, and will have "individualized" equitation lessons in a group setting. Students will be introduced to introductory, intermediate and advanced roping and cattle working techniques that will allow student to participate in working cows, roping, sorting and other ranch related activities. AGEQ 175 Ranch Skills is a short course part of the Equine Studies certification program; Certificate of Specialization in Fundamentals of Ranch Skills. Along with the Certificate of Specialization, students can apply the AGEQ 175 Ranch Skills Short Course as a substitute for the following courses when utilized towards the Equine Studies Associate Degree or Equine Studies Certificate of Achievement: AGEQ 001 (2 units), AGEQ 103 (2 units), AGEQ 210 (2 units), AGEQ 211 (2 units), and AGEQ 212 (2 units)

### **AGEQ 180 - Rodeo Skills and Techniques – Men's Events**

9-36 LEC, 27-108 LAB, 1-4 UNITS

CSU,UC

This course focuses on the fundamentals, theory, and practice of intercollegiate men's rodeo events: bareback riding, saddle bronc riding, bull riding, tie down roping, steer wrestling, and team roping. The course emphasizes history of the sport, scoring, rule interpretation, and judging. The course will also provide the student the opportunity to study, learn, and practice the skills and techniques necessary to participate in intercollegiate men's rodeo events.

### **AGEQ 181 - Rodeo Skills and Techniques – Women's Events**

9-36 LEC, 27-108 LAB, 1-4 UNITS

CSU,UC

This course focuses on the fundamentals, theory, and practice of intercollegiate women's rodeo events; barrel racing, goat tying, break away roping, and team roping. The course emphasizes the history of the sport, scoring, rule interpretation, and judging. The course will also provide the student the opportunity to study, learn, and practice the skills and techniques necessary to participate in intercollegiate women's rodeo events.

### **AGEQ 182 - Intercollegiate Rodeo**

18 LEC, 54 LAB, 2 UNITS

CSU,UC

Designed to provide students' the opportunity to further develop their proficiency in men & women's intercollegiate rodeo events. Methods in competitive performance, individual and team strategy, in a National Intercollegiate Rodeo Association (NIRA) sanctioned competition event. Enrollment limited to those qualified to compete in intercollegiate rodeo.

### **AGEQ 184 - Advanced Intercollegiate Rodeo**

18 LEC, 54 LAB, 2 UNITS

CSU

This course is designed to provide students the opportunity to further advance their proficiency in men's and women's intercollegiate rodeo events. The course covers methods in competitive performance, and individual and team strategies in a National Intercollegiate Rodeo Association (NIRA) sanctioned competition. Enrollment is limited to those qualified to compete in intercollegiate rodeo.

### **AGEQ 186 - Rodeo Production**

18 LEC, 54 LAB, 1 UNITS

CSU

This course will focus on the practical application of the planning, organizing, and staging an intercollegiate rodeo. Students participate in all aspects of rodeo production, procedures, promotion, finance, sponsorship, and working with rodeo contractors.

### **AGEQ 204 - Training Young Horses Under Saddle - Fall**

9 LEC, 81 LAB, 2 UNITS

CSU

Basic principles involved in handling and training the young horse. Course includes groundwork, philosophy of colt starting, advancing the green horse, and problem solving. Special emphasis on continuing the fall training of two-year olds started in the spring.

### **AGEQ 205 - Training Young Horses Under Saddle - Spring**

9 LEC, 81 LAB, 2 UNITS

CSU

Basic principles involved in handling and training the young horse. Course includes groundwork, philosophy of colt starting, advancing the green horse, and problem solving. Special emphasis on starting the two-year old horse in the spring.

### **AGEQ 206 - Progressive Training of the Horse Under Saddle**

18 LEC, 54 LAB, 2 UNITS

CSU

Handling and training of the horse. Course includes principles and applications of equine behavior modification for training horses under saddle. Special emphasis will be placed on developing lead departures, lead changes, body control, turnarounds, collection, stopping, and working with cattle from horseback. Developing physical skills while horseback through repetition and refinement of practice. Prerequisite: AGEQ 204.

### **AGEQ 207 - Preparing the Horse for Sale and Show**

18 LEC, 54 LAB, 2 UNITS

CSU

Instruction in fitting and showing horses. Students gain experience training, conditioning, grooming, showing and/or selling horses. Training horses in maneuvers under saddle including cow work, rope work, trail, ranch riding, and reining patterns. Techniques and applications of fitting a horse in preparation for horse sale or show.

### **AGEQ 208 - Advanced Pack Station and Stable Operations**

18 LEC, 108 LAB, 2 UNITS

CSU

Course demonstrates practical skills necessary in organizing and implementing a pack trip. Practical applications of skills such as the planning, organization and implementing of a three-day pack trip. The advanced application of skills learned in AGEQ 108.

### **AGEQ 210 - Introduction to Ranch Work with Horses**

9 LEC, 54 LAB, 2 UNITS

CSU

Techniques and skills necessary for ranch work using horses. Designed to teach the basic skills for working and handling cattle, ranch roping. Specialized training of horses for ranch work. Selection of equipment and horses.

### **AGEQ 211 - Applied Ranch Skills with Horses I**

9 LEC, 54 LAB, 2 UNITS

CSU

Application of intermediate roping and cattle working techniques with horses. Allows student to participate horseback working cows, roping, sorting and other ranch related activities.

**AGEQ 212 - Applied Ranch Skills with Horses II**

18 LEC, 54 LAB, 2 UNITS

Application of advanced roping and cattle working techniques with horses. Allows students to participate horseback working cows, roping, sorting and other ranch related activities. The ability to demonstrate advanced ranch techniques and skills. Course prerequisite AGEQ 211.

**AGEQ 214 - Handling and Care of the Foal, Weanling, and Yearling Horse - Fall**

9 LEC, 27 LAB, 1 UNITS CSU

Course will focus on the management and handling of foals, weanlings, and yearling horses. Emphasizing safe and practical behavior handling techniques as well as current management practices utilized to maintain health and care of the young horse. Special emphasis on care and handling of weanlings and yearlings in the fall.

**AGEQ 215 - Handling and Care of the Foal, Weanling, and Yearling Horse - Spring**

9 LEC, 27 LAB, 1 UNITS CSU

Course will focus on the management and handling of foals, weanlings, and yearling horses. Emphasizing safe and practical behavior handling techniques as well as current management practices to maintain health and care of the young horse. Special emphasis placed on care and handling of newborn foals and weanlings in the spring.

**AGEQ 216 - Advanced Handling and Care of the Foal, Weanling, and Yearling Horse - Fall**

9 LEC, 27 LAB, 1 UNITS CSU

Advanced Handling and Care of the Foal, Weanling, and Yearling Horse-Fall will focus on the advanced management and handling of horses in this unique age group during the fall and early winter months. Management practices include weaning of foals, vaccinating and deworming, nutrition and conditioning of young horses and other practices specific to the Fall and early winter months. Emphasis will be placed on safe and practical handling techniques during the management of the foal, weanling and yearling horse.

**AGEQ 217 - Advanced Handling and Care of the Foal, Weanling, and Yearling Horse - Spring**

9 LEC, 27 LAB, 1 UNITS CSU

Advanced Handling and Care of the Foal, Weanling, and Yearling Horse-Spring will focus on the advanced management and handling of horses in this unique age group during the late winter and spring months. Management practices include foaling mares, neonatal care of foal, early foal handling, vaccinating and deworming, nutrition and growth of young horses and other practices specific to the late winter and spring months. Emphasis will be placed on safe and practical handling techniques during the management of the foal, weanling and yearling horse.

**AGEQ 225 - Ranch Horsemanship**

4.5-27 LEC, 13.5-81 LAB, 0.5-3 UNITS CSU

Ranch Horsemanship is a survey course that covers the techniques and philosophies of training horses for ranch purposes. Participants will be able to identify and recognize training philosophies and various techniques of horse training, and advance from intermediate to advanced stages of horse

training and in ranch horsemanship. Prerequisite AGEQ 103 and 115.

**AGEQ 226 - Advanced Horsemanship**

4.5-27 LEC, 13.5-81 LAB, 0.5-3 UNITS CSU

Advanced Horsemanship is a survey course that covers the techniques and philosophies of advanced horse training. Participants will be able to identify and recognize training philosophies and various techniques of horse training, and advance from intermediate to advanced stages of horse training and horsemanship. Prerequisite AGEQ 103 and 115.

**AGEQ 227 - Advanced Ranch Horsemanship**

81-648 LEC, 243-1944 LAB, 0.5-3 UNITS CSU

Advanced Ranch Horsemanship covers the techniques and philosophies of training horses for ranch purposes. Participants will learn horse training philosophies and techniques related to work with cattle. For advanced levels of horse training and in ranch horsemanship. Prerequisite AGEQ 225.

**AGEQ 251 - Advanced Horse Competition and Show Level I**

9-18 LEC, 27-54 LAB, 1-2 UNITS CSU

Advanced Horse Competition and Show Level I develops the skills, theories, and practices of horse competition and show events in multiple disciplines; reining, ranch versatility, showmanship, cow work, equitation, trail, pleasure and halter. Emphasis will be placed on horse competition and show techniques, scoring, rule interpretation, judging, and assisting the course instructor in further developing the rider beyond AGEQ151 and AGEQ152. Students will be provided the opportunity to study, learn, and practice the skills and techniques necessary to participate in horse competition and show. Participants will develop an enhanced understanding and skill development while progressing skills and techniques learned in AGEQ152.

**AGEQ 252 - Advanced Horse Competition and Show Level II**

9-18 LEC, 27-54 LAB, 1-2 UNITS CSU

Advanced Horse Competition and Show Level II advances the theories, and practices of horse competition and show events such as; reining, ranch versatility, showmanship, cow work, equitation, trail, pleasure and halter. Emphasis will be placed on management of horse competition and participation in horse show events. Students will be provided the opportunity to study, learn, and practice the skills and techniques necessary to participate in horse competition and show while assisting the course instructor in developing the horse and rider in AGEQ151 and AGEQ152. Participants will demonstrate skill development while progressing skills and techniques learned in AGEQ251.

**AGEQ 280 - Advanced Rodeo Skills and Techniques – Men's Events**

9-36 LEC, 27-108 LAB, 1-4 UNITS CSU

This course focuses on the fundamentals, theory, and practice of intercollegiate men's rodeo events: bareback riding, saddle bronc riding, bull riding, tie down roping, steer wrestling, and team roping. The course emphasizes physiological and physical fundamentals, the history of the sport, scoring, rule interpretation, and judging. The course will also provide the student the opportunity to study, learn, and practice the skills and techniques necessary to participate in intercollegiate men's rodeo events.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated to the right of the unit value of each course. The IGETC pattern applies to both the California State University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 47-48) or meet with an academic advisor for clarification.

**AGEQ 281 - Advanced Rodeo Skills and Techniques - Women's Events**

9-36 LEC, 27-108 LAB, 1-4 UNITS

CSU

This course focuses on the fundamentals, theory, and practice of intercollegiate women's rodeo events: barrel racing, goat tying, break-away roping, and team roping. The course emphasizes physiological fundamentals, the history of the sport, scoring, rule interpretation, and judging. The course will also provide the student the opportunity to study, learn, and practice skills and techniques necessary to participate in intercollegiate women's rodeo events.

**AGEQ 296 - Special Projects in Equine Studies - Behavior And Training**

9-36 LEC, 27-108 LAB, 1-4 UNITS

Individual opportunities to study investigate, research, and participate in equine studies projects that are specific to equine behavior and training such as hackamore training, bridle training, advanced saddle horse training, cow-horse training, behavior modification.

**AGEQ 297 - Special Projects in Equine Studies: Summer/Fall Operations**

9-36 LEC, 27-108 LAB, 1-4 UNITS

Individual opportunities to study investigate, research, and participate in equine studies projects that are specific to the summer and fall months such as fall production sales, futurity horse training, weaning and halter breaking foals, fall hunt-packing trips, winter livestock preparation.

**AGEQ 298 - Special Projects in Equine Studies: Winter/Spring Operations**

9-36 LEC, 27-108 LAB, 1-4 UNITS

Individual opportunities to study, investigate, research and participate in specific equine studies projects during the winter and spring months such as: reproductive management of the stallion or broodmare, care of the newborn foal, starting the two year old, sale horse preparation, and horse show preparation. Student completes different performance objectives for each unit of credit.

**AGEQ 299 - Special Topics in Equine Studies**

9-36 LEC, 27-108 LAB, 1-4 UNITS

CSU

Individual opportunities to study, investigate, research, and participate in an equine studies project.

## AGRICULTURE-MECHANIZED

**AGMA 084 - Ranch Operations: Fencing & Irrigation**

36 LEC, 54 LAB, 3 UNITS

General introduction into irrigation and fencing principles: plant, soil, and water relationships; soil moisture sensing devices; delivery systems; design of drip, sprinkler, and surface irrigation systems, and use of chemigation. The class will also provide general knowledge into the fencing industry, including supplies, design, materials, and differing types of fencing.

**AGMA 108 - Tractor Operation**

45 LEC, 27 LAB, 3 UNITS

CSU

This course involves design principles, selection, maintenance, adjustment, and safe operation of wheel and track type tractors used in agriculture and in the construction industry.

**AGMA 116 - Agriculture Welding**

36 LEC, 54 LAB, 3 UNITS

CSU

Entry-level welding skill development in modern agriculture welding and cutting processes, theory and practice. Emphasis on safety regulations as established by the National and State Occupational Health and Safety Act guidelines.

**AGMA 132 - Advanced Agriculture Welding**

36 LEC, 54 LAB, 3 UNITS

CSU

An intermediate-level Agriculture welding course designed to develop skills in Shielded Metal Arc Welding, Gaseous Metal Arc Welding, Gaseous Tungsten Arc Welding and Plasma Arc Cutting. Emphasis on safety regulations as established by the National and State Occupational Health and Safety Act.

**AGMA 140 - Beginning Agriculture Metal Fabrication**

36 LEC, 54 LAB, 3 UNITS

CSU

This course will provide students basic shop and job site fundamentals of welding so that students can design and apply ARC and MIG welding techniques as well as acetylene cutting in the field.

**AGMA 146 - Introductory Agriculture Structural Technology**

36 LEC, 54 LAB, 3 UNITS

CSU

This is an introductory course in planning and designing various types of farm buildings necessary for agricultural enterprises. Characteristics, types, fabrication techniques and costs of construction materials used in farm buildings will be studied. A practical course in building metal, wood or composite frame buildings from planning to finish is included.

**AGMA 160 - Introduction To Mechanized Agriculture**

36 LEC, 54 LAB, 3 UNITS

CSU

This course involves basic mechanical skills in woodworking, cold metal, electricity, plumbing, concrete, and project construction skills as related to farm maintenance and repair. Hand and power tool use skills will be developed. Safety practices for all mechanical areas will be covered.

**AGMA 404 - Ranch Facilities Maintenance and Management**

54 LEC, 3 UNITS

The interaction between the physical design and business management of equine and cattle enterprises. Principles of equine and cattle facility design and maintenance with particular emphasis on the application of skills related to managing an equine and cattle facility.

## AGRICULTURE-PLANT SCIENCE

**AGPS 104 - Introduction to Plant Science**

54 LEC, 3 UNITS

CSU(B2),UC

Introduction to plant science including structure, growth processes, propagation, physiology, growth media, biological competitors, and post-harvest factors of food, fiber, and ornamental plants.

**AGPS 210 - Introduction to Soil Science**

36 LEC, 54 LAB, 3 UNITS

CSU(B1, B3),UC-S

An introduction to the biological, chemical and physical properties of soils. Major topic areas include the relationship of soil characteristics to land management, maintenance of soil productivity, soil erosion processes and erosion control methods, soil classification and the use of soil survey information in agriculture, watershed and wildlife applications. The relationship of soil properties and the geologic/geomorphic setting is emphasized. Cross-listed with ENVR210.

**AGPS 300 - Pasture, Rangeland and Forage Management**

36 LEC, 54 LAB, 3 UNITS

Characteristics, history and multiple uses of pasture and rangeland. Principles of plant physiology and ecology in relation to forage conditions, trends, utilization and improvement practices. Principles of proper grazing practices and nutrition of livestock.

### **AGPS 370 - Soil Fertility and Plant Nutrition**

54 LEC, 54 LAB, 4 UNITS

Plant nutrition, soil fertility, and nutrient management. An emphasis on quantitative and chemical factors that control and measure soil and plant nutrient content, as well as background on the essential plant nutrients. Provides an understanding of the environmental implications of fertility management and operations.

## **AMERICAN SIGN LANGUAGE**

### **ASL 130 - Beginning American Sign Language I**

45 LEC, 27 LAB, 3 UNITS

CSU(C2) UC

This course is the first of a two-part introductory course in American Sign Language (ASL) as it is used in Deaf culture. Topics include expressive and receptive sign, the manual alphabet, facial expression, and body gestures with emphasis is on conversational skills in functional situations. Emphasis is placed on the development of ASL and receptive skills.

### **ASL 132 - Beginning Asl II**

45 LEC, 27 LAB, 3 UNITS

CSU(C2), IGETC(6A), UC

This course is a continuation of American Sign Language (ASL) where students will continue to develop appropriate linguistics and cultural principles of ASL as used in Deaf culture. In this course, students will further their language development by emphasizing receptive and expressive skills. Students will learn intermediate vocabulary, grammar, non-manual behaviors and fingerspelling, as well as increase their knowledge of Deaf culture.

## **ANTHROPOLOGY**

### **ANTH 100 - Introduction to Cultural Anthropology**

54 LEC, 3 UNITS

CSU(D1), IGETC(4A), UC-B

This course explores how anthropologists study and compare human culture. Cultural anthropologists seek to understand the broad arc of human experience focusing on: how people around the world make their living; how they organize themselves socially, politically and economically; how they communicate; how they relate to each other through family and kinship ties; what they believe about the world; how they express themselves creatively; how they make distinctions among themselves such as through applying gender, racial and ethnic identity labels; how they have shaped and been shaped by social inequalities such as colonialism; and how they navigate culture change and processes of globalization that affect us all. Formerly ANTH 002 & 102.

### **ANTH 103 - Magic, Witchcraft, and Religion**

54 LEC, 3 UNITS

CSU(D1), IGETC(4A), UC-B

This course introduces students to the cross-cultural context of the nature of religion and the relationships of individuals and societies to supernatural forces and persons. Because it aims to familiarize students with general patterns of religious behavior throughout the world, this course covers different theories of religion and students will explore how they apply in various cultures.

### **ANTH 106 - Introduction to Prehistory**

54 LEC, 3 UNITS

CSU(D1), IGETC(4A), UC-B

This course takes students on an exploration into the archaeological record documenting the development of

civilizations. In this course, students explore methods and techniques to reconstruct the past, physical evidence and major events of human history. Topics also include human origins, occupation of the New World, origins of agriculture, the rise of civilizations, and the relevance of the archaeological perspective.

### **ANTH 120 - Physical Anthropology**

54 LEC, 3 UNITS

CSU(B2), IGETC(5B), UC-S

This course introduces the concepts, methods of inquiry, and scientific explanations for biological evolution and their application to the human species. Issues and topics will include, but are not limited to, genetics, evolutionary theory, human variation and biocultural adaptations, comparative primate anatomy and behavior, and the fossil evidence for human evolution. The scientific method serves as foundation of the course. The course may include a lab component.

### **ANTH 120L - Physical Anthropology Lab**

54 LAB, 1 UNITS

CSU(B3), IGETC(5C), UC

An introductory lab course where students become familiar with scientific methods in anthropology. In this lab environment, students apply the scientific method with regard to evolutionary theory, biological variation/genetics, the human skeleton and its measurements, comparative osteology of primates and lithic technology. This laboratory course is offered as a supplement to Physical Anthropology. Successful completion of or concurrent enrollment in Physical Anthropology (ANTH 120).

### **ANTH 130 - Introduction to Archaeology**

54 LEC, 3 UNITS

CSU(D1), UC

This course is an introduction to the study of concepts, theories, data and models of anthropological archaeology that contribute to our knowledge of the human past. The course includes a discussion of the nature of scientific inquiry; the history and interdisciplinary nature of archaeological research; dating techniques; methods of survey, excavation, analysis, and interpretation; cultural resource management; professional ethics; and selected cultural sequences.

### **ANTH 150 - Native North Americans**

54 LEC, 3 UNITS

CSU(D1, D3), IGETC(4A), UC-B

This course is a survey of traditional and contemporary native cultures of North America. Emphasis will be placed on the anthropological concepts and theories which facilitate an understanding of the rich diversity of American Indian life, including economics, social organization, politics, religion and rituals, and a variety of current issues and other topics. Formerly ANTH 005.

### **ANTH 200 - Introduction To Forensic Anthropology**

54 LEC, 3 UNITS

CSU, UC

This course is an overview of forensic anthropology, which is an applied field of physical anthropology. Human skeletal remains will be analyzed using a comparative method to determine age, sex, race, time of death, trauma, and pathology for identification purposes. Forensic anthropology is used in crime scene investigation of homicides, missing persons, human rights investigations and mass disasters.

#### **GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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## ART

### ART 100 - Art Appreciation

54 LEC, 3 UNITS

CSU(C1), IGETC(3A), UC-H,

This course provides a general introduction to art that offers a look at works of art through the study of theory, terminology, themes, design principles, media, techniques, with an introduction to the visual arts across time and diverse cultures. Cross-listed with HUMN100.

### ART 107 - Two Dimensional Design

36 LEC, 54 LAB, 3 UNITS

CSU, UC

A foundation course in the application and appreciation of the elements and principles of design as they relate to the two-dimensional surface using line, shape, color, value, texture, and space, and the exploration of art historical examples and aesthetics related to creative expression in two dimensional design.

### ART 109 - Three-Dimensional Design (3d Design)

36 LEC, 54 LAB, 3 UNITS

CSU(C1), UC

Introduction to the concepts, applications, and historical references related to three-dimensional design and spatial composition, including the study of the elements and organizing principles of design as they apply to three-dimensional space and form. Development of a visual vocabulary for creative expression through lecture presentations and use of appropriate materials for non-representational three-dimensional studio projects.

### ART 116 - Drawing I

36 LEC, 54 LAB, 3 UNITS

CSU(C1), UC

Introduction to principles, elements, and practices of drawing, employing a wide range of subject matter and drawing media. Focus on perceptually based drawing, observational skills, technical abilities, and creative responses to materials and subject matter.

### ART 117 - Drawing II

36 LEC, 54 LAB, 3 UNITS

CSU(C1), UC

Exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

### ART 122 - Painting I

36 LEC, 54 LAB, 3 UNITS

CSU(C1), UC

This course consists of studio experiments in the materials and techniques necessary for painting in oils and acrylics and concepts of pictorial composition including spatial arrangement, design, and color mixing, supplemented with the examination of paintings by traditional and contemporary artists.

### ART 124 - Painting II

36 LEC, 54 LAB, 3 UNITS

CSU(C1), UC, IGETC(3A)

This course consists of advanced studio experiments for exploring various painting techniques using still life, landscape, the human figure, and abstraction for subjects. Emphasis is on the conceptual and technical aspects of painting in oils and acrylics with examination of works from art historical and contemporary sources.

### ART 126 - Color Theory

36 LEC, 54 LAB, 3 UNITS

CSU(C1), UC

Exploration of color by examining color theory and principles

related to additive and subtractive color with studio applications that employ the elements of design as they relate to color. Discussions include art historical and contemporary color systems.

### ART 128 - Introduction to Printmaking

36 LEC, 54 LAB, 3 UNITS

CSU(C1)

A beginning course in printmaking using various methods of image production, linoleum and wood block printing, collograph, etching, silk screen and monotype printing, with an emphasis on technical methods, composition, idea development, and the study of historical examples.

### ART 132 - Life Drawing I

36 LEC, 54 LAB, 3 UNITS

CSU

This course involves studio experiments in drawing the human figure, clothed and nude, with emphasis on anatomical structure, expressive content, and techniques and methods of depiction.

### ART 134 - Life Drawing II

36 LEC, 54 LAB, 3 UNITS

CSU

This course continues the structural study of the human form with emphasis on exploring expressive concepts, media and techniques, and methods of depiction.

### ART 136 - Life Painting I

36 LEC, 54 LAB, 3 UNITS

CSU(C1)

This course is based on studio experiments in painting the nude and clothed human figure in oils and acrylics with emphasis on anatomical structure, expressive content, and techniques and methods of depiction.

### ART 138 - Life Painting II

36 LEC, 54 LAB, 3 UNITS

CSU

This course is based on studio experiments in painting the nude and clothed human figure in oils and acrylics with emphasis on anatomical structure, expressive content, and techniques and methods of depiction.

### ART 140 - Sculpture I

36 LEC, 54 LAB, 3 UNITS

CSU

Students will learn practical techniques and conceptual processes involved in creating contemporary three-dimensional art in a variety of materials, such as wood, metal, clay and fabric. Occasional emphasis is given to making contemporary 3-dimensional art using skills from integrated disciplines; for example, fine arts with design, with computer 3-d modeling and with craft.

### ART 142 - Sculpture II

36 LEC, 54 LAB, 3 UNITS

CSU

Sculpture II expands the student's understanding of three-dimensional form emphasizing the conceptual and material requirements of working in a variety of materials. Students will engage in fewer yet more ambitious projects that demonstrate more knowledge of material use and more comprehensive problem solving techniques with a greater integration of concept, form and context. Students will continue to study and practice the integration of related 3-dimensional disciplines such as design, architecture and craft.

### ART 144 - Introduction To Ceramics

36 LEC, 54 LAB, 3 UNITS

CSU

Introduction to ceramic materials, concepts, and processes. Emphasis on basic design principles creative development, hand-building, throwing, glazing, firing, and appropriate terminology. The course includes the aesthetics and development of clay objects from a world art perspective, both historical and contemporary.

**ART 146 - Ceramics II**

36 LEC, 54 LAB, 3 UNITS

CSU

Intermediate level ceramic course that extends knowledge and practice in design, throwing, glazing, firing and various methods of ceramic building that emphasizes the understanding of the history of ceramics as a craft and an art form.

**ART 150 - Introduction To Photography**

36 LEC, 54 LAB, 3 UNITS

CSU, UC

Basic principles of both film (darkroom) and digital photography, including technique, design, and content. Students learn the basic properties of light, the functions of both film and digital cameras, lenses, control of exposure and development, basic processes of black and white darkroom printing, inkjet printing, editing, presentation of professional photographs through critiques and visualization and critical interpretation of photographs. Students will have to provide their own digital cameras, but film cameras can be checked out through the Art Department.

**ART 151 - Intermediate Photography**

36 LEC, 54 LAB, 3 UNITS

CSU, UC

Students will engage in intermediate principles of black and white (film) photography and digital photography. Students will use medium format film and cameras, master printing to larger format paper and complete thorough lighting shoots. Students who choose to photograph digitally along with film cameras will have to provide their own DSLR, but film cameras can be checked out through the Art Department.

**ART 160 - Digital Imagery**

54 LEC, 3 UNITS

Digital imaging using raster image editing and/or image creation software; scanning, resolution, file formats, output devices, color systems, and image-acquisitions.

**ART 161 - Typography & Layout**

54 LEC, 3 UNITS

Course examines common graphic tools available in layout design, typography, and underlying design principles. Content includes typography and type design, ways of using illustrations and photographs in layouts, basic tools of graphic design for specific typography layout projects, properties of letter forms and converting letter forms into legible work. Adobe InDesign used as the main software to create typography layouts.

**ART 162 - Web Design**

54 LEC, 3 UNITS

Introduction to the web, web design, and associated standards and processes. Topics include HTML, CSS, introductory scripting, and content management applications. For students with or without web design experience. Working knowledge of computers, applications, and the Internet strongly recommended.

**ART 163 - 3-D Printing**

54 LEC, 3 UNITS

Understand the workflow for a consumer-level 3D printer. Become familiar with online databases of objects to print, and experience free or open-source software for all stages of the process. This class will focus on tools for the open 3D printer ecosystem with principles that apply to consumer 3D printers.

**ART 166 - Art of the Modern Period**

54 LEC, 3 UNITS

CSU(C1), UC-H, IGETC(3A)

This course provides an overview of art and architecture from the Western modern period of the 19th and 20th centuries.

**ART 172 - World Art to 1500**

54 LEC, 3 UNITS

CSU(C1), UC\_h IGETC(3A)

This course provides an overview of western art and architecture from prehistory through the medieval period.

**ART 174 - World Art Since 1500**

54 LEC, 3 UNITS

CSU(C1), UC-H, IGETC(3A)

This course provides an overview of art and architecture from the Renaissance to the contemporary period.

**ART 291 - Directed Study**

54-270 LAB, 1-5 UNITS

CSU

A student may take advanced course work or complete a student designed project in Art after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

**BIOLOGY****BIOL 100 - Concepts in Biology**

54 LEC, 54 LAB, 4 UNITS

CSU(B3, B2), UC-S, IGETC(5C, 5B)

An introduction to biology, covering a variety of topics including cell biology, genetics, organismal biology, ecology, and evolution and an introduction to the human body. Some specific topics covered will include cancer research, cloning and stem cell research, and the biodiversity crisis. Meets lab science requirements for non-science majors. Not designed for students with credit in BIOL 102.

**BIOL 102 - Cell and Molecular Biology**

54 LEC, 54 LAB, 4 UNITS

CSU(B2, B3), UC-S, IGETC(5B, 5C)

This course, intended for majors, will cover principles and applications of prokaryotic and eukaryotic cell structure and function, biological molecules, homeostasis, cell reproduction and its controls, molecular genetics, classical/Mendelian genetics, cell metabolism including photosynthesis and respiration, and cellular communication. The philosophy of science, methods of scientific inquiry and experimental design are foundational to the course.

**BIOL 104 - Animal Biology, Evolution and Ecology**

54 LEC, 54 LAB, 4 UNITS

CSU(B3, B2), UC-S, IGETC(5B, 5C)

This course is intended for majors and covers the comparative structure, function, evolution, and a survey of animal phyla. Topics include development, morphology and physiology, microevolution and macroevolution, taxonomy and systematics, molecular and morphological phylogeny, population ecology and behavior.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated to the right of the unit value of each course. The IGETC pattern applies to both the California State University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 47-48) or meet with an academic advisor for clarification.

**BIOL 106 - Plant Biology, Evolution and Ecology**54 LEC, 54 LAB, 4 UNITS *CSU(B3, B2), UC-S, IGETC(5B, 5C)*

This course is intended for majors and covers the diversity, structure, and function of green plant, fungal and protist phyla. Topics include development, morphology and physiology, taxonomy and systematics as well as plant evolution and community ecology.

**BIOL 110 - Human Anatomy**54 LEC, 54 LAB, 4 UNITS *CSU(B3, B2), UC-S*

Structural organization of the human body: gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems, from cellular to organ system levels of organization. This course is primarily intended for nursing, allied health, kinesiology, and other health related majors.

**BIOL 112 - Human Physiology**54 LEC, 54 LAB, 4 UNITS *CSU(B2, B3), UC-S*

Study of the physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ, organ system and organism level: integumentary system, bone, skeletal, smooth and cardiac muscles, nervous system, sensory organs, cardiovascular system, lymphatic and immune systems, respiratory system, urinary system, digestive system, endocrine system, and reproductive system. This course is primarily intended for Nursing, Allied Health, Kinesiology, and other health related majors.

**BIOL 120 - Sierra Nevada Natural History**36 LEC, 54 LAB, 3 UNITS *CSU (B2)*

Students will learn to observe the patterns and relationships of flora, fauna, and non-living elements of the Sierra Nevada range, with a particular focus on Plumas County. Basic ecology, climatology and geology will also be discussed. An overnight field trip is required. Cross-listed with ENVR 120.

**BIOL 135 - Human Sexuality**54 LEC, 3 UNITS *CSU(E), UC-B*

This course presents to the student the biological, psychological and cultural aspects of human sexuality. Formerly BIOL 071. Formerly cross-listed with PSY135.

**BIOL 210 - General Microbiology**54 LEC, 54 LAB, 4 UNITS *CSU(B3, B2), UC-S, IGETC(5C, 5B)*

The study of morphological, physiological and biochemical aspects of representative microorganisms. Lab includes aseptic technique, media preparation, taxonomy of algae, fungi and bacteria, and identification of an unknown. Formerly BIOL 003.

**BIOL 264 - Introduction to Fish**54 LEC, 54 LAB, 4 UNITS *CSU(B2, B3), UC*

This course introduces students to the study of fishes. Students delve into the history of fishes and the techniques used to differentiate the 31,000 species. The course covers anatomy, behavior, structure and form, ecology of different classes, and students will identify and describe fishes that are found in and around California. Cross-listed with ENVR 264.

**BIOL 291 - Directed Study**54-270 LEC, 1-5 UNITS *CSU*

A student may take advanced course work or complete a student designed project in Biology after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

**BIOL 299 - Special Topics In Environmental Studies**54 LEC, 162 LAB, 0.5-3 UNITS *CSU*

Course covers selected topics in evolving issues or research in the area of environmental management or ecosystem science or special field topics as the opportunity arises. Independent student research and presentation are emphasized. Cross-listed with ENVR 299.

**BUSINESS****BUS 100 - Introduction To Business**54 LEC, 3 UNITS *CSU, UC*

A survey in business providing a multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and a global society. Demonstrates how these influences impact the primary areas of business including: organizational structure and design; leadership, human resource management, organized labor practices; marketing; organizational communication; technology; entrepreneurship; legal, accounting, financial practices; the stock and securities market; and therefore affect a business' ability to achieve its organizational goals.

**BUS 102 - Financial Accounting**54 LEC, 3 UNITS *CSU(D2), IGETC(4B)*

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. This 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 financial analysis. Includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics.

**BUS 104 - Managerial Accounting**54 LEC, 3 UNITS *CSU(D2), IGETC(4B)*

This is the study of how managers use accounting information in decision-making, planning, directing operations and controlling. Focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Includes issues relating to cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments.

**BUS 106 - Principles of Economics-Macro**54 LEC, 3 UNITS *CSU(D2), IGETC(4B)*

An introductory course focusing on aggregate economic analysis. Topics include: market systems, aggregate measures of economic activity, macroeconomic equilibrium, money and financial institutions, monetary and fiscal policy, international economics, and economic growth.

**BUS 108 - Principles of Economics-Micro**54 LEC, 3 UNITS *CSU(D2), IGETC(4B)*

This is an introductory course focusing on choices of individual economic decision-makers. Topics include scarcity, specialization and trade, market equilibrium, elasticity, production and cost theory, market structures, factor markets, and market failure.

**BUS 111 - Introduction To Information Technology**54 LEC, 3 UNITS *CSU*

Introduction to information technology and computer science. Topics include technology concepts, history of technology, the application and impact of technology, software, hardware,



networks, computers, and the Internet. For students who possess basic technology skills but want to learn more about how computers, applications, and the Internet work. Previous enrollment in DT 100 or working knowledge of computers, applications, and the Internet strongly recommended. Cross-listed with IDT111.

### **BUS 115 - Business Law**

54 LEC, 3 UNITS

CSU

Fundamental legal principles pertaining to business transactions. Introduction to the legal process. Topics include sources of law and ethics, contracts, torts, agency, criminal law, business organizations, and judicial and administrative processes.

### **BUS 116 - Human Relations In Business**

54 LEC, 3 UNITS

CSU

Exploration of contemporary behavioral science concepts as applied to human problems in business. Special attention to creative theories in management and motivation as well as ethical behavior. Study of organizational behavior and behavior in organizations.

### **BUS 118 - Personal Finance - Investments**

54 LEC, 3 UNITS

CSU

This course introduces the conceptual framework that supports investment decision-making. The student will complete the course with a working knowledge of the structure of the financial markets and the major categories of investment alternatives. The student will learn how to use fundamental and technical analysis for the selection and timing of investment opportunities. Topics include: sources of investment information, risk/return analysis, asset allocation, diversification, measuring investment performance, financial planning, managing your money, protecting yourself with insurance, managing your investments, and dealing with life cycle issues.

### **BUS 130 - Small Business Management**

54 LEC, 3 UNITS

CSU

For current and potential owners and managers of small businesses. Analysis of personal qualifications, forms of ownership, sources of information, financing, planning, legal issues, record keeping, advertising, marketing, insurance, promotion, credit, and current aids to successful management.

### **BUS 131 - Computer Information Systems**

54 LEC, 3 UNITS

CSU

Examination of information systems and their role in business and organizations. Topics include information systems, database management systems, networking, e-commerce, ethics and security, and computer systems. These topics will be learned and applied through the hands-on development of computer-based solutions to business problems. For all students. Working knowledge of computers, applications, and the Internet strongly recommended. Cross-listed with ICT 131.

### **BUS 140 - Marketing**

54 LEC, 3 UNITS

CSU

A study of the role and function of marketing in the distribution of goods and services to familiarize students with marketing policies and practices and integration of marketing activities. This course contains global, international and multi-cultural material interspersed throughout the classroom curriculum.

### **BUS 170 - Spreadsheet**

25.5-54 LEC, 1.5-3 UNITS

CSU

Introduction to business spreadsheets. This course provides a sound, in-depth knowledge of Microsoft Excel spreadsheet practices for use in business.

### **BUS 171 - Project-Based Learning**

36 LEC, 54 LAB, 1-3 UNITS

CSU

Students will participate in project-based learning to develop competencies needed to become successful in the workplace and leadership positions. Students receive instruction and participate in experiential learning activities through project-based internships placed with community-based organizations or industry partners. This course combines work-based learning internship hours with instruction on the 21st Century Skills curriculum including: adaptability, analysis/solution mindset, collaboration, communication digital fluency, empathy, entrepreneurial mindset, resilience, self-awareness, and social/diversity awareness. Students will receive instruction on building resumes, LinkedIn profiles, and other tools necessary to enter the workplace.

### **BUS 291-295 - Directed Study**

PROBLEM WITH HOURS, 1-5 UNITS

A student may take advanced coursework in chemistry after having completed the introductory courses. In unusual cases, students may enroll in directed studies without completing the pertinent beginning courses. Students must have written approval of the instructor, Division Chair and the Dean of Instruction.

## **CHEMISTRY**

### **CHEM 102 - General Chemistry I**

4 LEC, 3 LAB, 5 UNITS

CSU(B1, B2), IGETC(5A, 5C)

This is the first semester of a one-year course in chemistry intended for majors in the natural sciences (chemistry, biochemistry, biology, physics, and pre-medicine), mathematics, and engineering. Pre-requisite Math 015 with C or better (non\_STEM major or Math 020 with a grade C or better for STEM majors)

### **CHEM 104 - General Chemistry II**

3 LEC, 3 LAB, 5 UNITS

CSU(B1, B3), IGETC(5A, 5C)

This is the second semester of a one-year course in chemistry intended for majors in the natural sciences (chemistry, biochemistry, biology, physics, pre-medicine), mathematics, and engineering. Pre-requisite CHEM 102 with C or better.

### **CHEM 106 - Organic Chemistry for Science Majors**

54 LEC, 54 LAB, 4 UNITS

CSU(B1, B2), UC, IGETC(5A, 5C)

This is the first semester of a one-year course in organic chemistry intended for majors in the natural sciences (chemistry, biochemistry, biology, physics, and pre-medicine). Pre-requisite CHEM 102 with C or better.

## **COLLEGE**

### **COLL 003 - Supervised Tutoring**

54 LEC, UNITS

Problem No Units

Assist students in all academic subject areas by offering extensive supplemental instruction via tutoring, library and computer-related materials. Emphasizes tutoring in writing, solving math problems, and working with computers.

### **GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated to the right of the unit value of each course. The IGETC pattern applies to both the California State University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 47-48) or meet with an academic advisor for clarification.

### **COLL 100 - College Success and Personal Development**

54 LEC, 3 UNITS

CSU

This course will help students develop skills to be successful in college through immersion in the campus community, services and resources, and cultivate college-level survival skills in the areas of academic performance (reading, note-taking, memorization, critical and analytical thinking, time management, studying and test-taking, and computer literacy), educational planning (understanding and following college policies and procedures from admissions through graduation), career exploration/planning (occupational research, personal and lifestyle value assessment, goal setting and learning plans), and life skills (intra- and interpersonal communication, decision-making, health and wellness, money management, and taking care of personal needs such as housing and transportation).

## **EARLY CHILDHOOD EDUCATION**

### **CWEE 120 - Cooperative Work Experience Education – Early Childhood Education**

60-600 LAB, 1-8 UNITS

CSU

Designed to develop skills and knowledge, to acquire desirable work habits and attitudes and to expand career awareness with planned, supervised paid or unpaid work experience in an ECE program. Combines work experience with regular college instruction to extend classroom learning for the student volunteer. Provides the opportunity to enhance employment skills and program quality for those who are currently employed in an ECE program.

### **ECE 001 - Early Childhood Education Teaching and Advancement**

8-240 LAB, 1-8 UNITS

This course prepares students for employment in the field of early childhood education through experiential learning and the opportunity to practice skills in an early childhood setting. For students already employed or self-employed, skill sets are explored and developed to encourage retention and career advancement. Instruction is individualized through coaching and engagement in professional development activities. Because of the individualized nature of instruction in this open-entry open-exit course, hours will be scheduled as TBA to allow for flexibility with various early childhood settings.

### **ECE 040 - Administering The Environmental Rating Scales**

18 LEC, 1 UNITS

Designed to provide the training necessary to administer and score the Environmental Rating Scales for Early Childhood Education programs. Includes development of improvement plans.

### **ECE 051 - Administration Of Programs For Young Children**

54 LEC, 3 UNITS

Designed to provide experience in the procedures of planning and administering programs for young children. Emphasis on state regulations, selection of staff, budgeting, selection of facility and equipment. Meets state licensing administration requirement for director. Satisfies three of the required six units in administration for the Site Supervisor Permit.

### **ECE 055 - Supervision: Parent/Staff Relations**

54 LEC, 3 UNITS

Provides information and practice necessary for working effectively within a children's program in a supervisory capacity. Emphasis is on parent relations, staff relations, and leadership. Meets state licensing administration requirement for a director. Meets 3 of the 6 unit administration requirement for the Site Supervisor Permit. Formerly CHDV055.

### **ECE 060 - Infant Toddler Development**

54 LEC, 3 UNITS

A study of infants and toddlers from pre-conception to age three including physical, cognitive, language, social and emotional growth and development. Applies theoretical frameworks to interpret behavior and interactions between heredity and environment. Emphasizes the role of family and relationships in development.

### **ECE 061 - Infant Toddler Care And Learning**

54 LEC, 3 UNITS

Explores the development of infants and toddlers and examines the policies, principles and practices of quality care that support physical, emotional and intellectual growth. Includes strategies for home and group care for children birth to 36 months.

### **ECE 063 - Programs For School-Age Children**

54 LEC, 3 UNITS

Explores the social, emotional, physical and intellectual development of the school age child through the pre-adolescent years. Focuses on the development of programs for school age children, including program design, curriculum, and management to meet the needs of school age children and communities.

### **ECE 072 - Science Curriculum For The Young Child**

18 LEC, 1 UNITS

Presents information on planning and implementing science experiences for young children. Emphasis on spontaneous science activities, enhancing children's natural curiosity in relation to science, and using the scientific approach with young children.

### **ECE 075 - Math Curriculum For The Young Child**

18 LEC, 1 UNITS

Explores hands-on activities in mathematics for young children. Focuses on formation of concepts about numbers, comparison, sets, measurement, geometry, mathematical reasoning, and math vocabulary. Includes planned and spontaneous activities, creating a math-rich environment, and home-made and natural teaching materials.

### **ECE 080 - Adult and Pediatric CPR/Pediatric First Aid**

9 LEC, 0.5 UNITS

Designed to give students knowledge and practical skills to handle CPR and First Aid emergencies for infants, children, and adults. Certification available with a grade of "C" or better. May be repeated for recertification and credit.

### **ECE 082 - Child Health And Safety**

9 LEC, 0.5 UNITS

The student will be able to identify and address health and safety needs of children and adults in early childhood center-based programs, family child care settings or in individual homes. Topics include: Playground safety, facilities management, sanitation, immunizations, disease prevention and control, food storage, child abuse and neglect, fire safety, flooding, earthquake safety, emergency preparedness and risk management plans. EMSA Certification available with a grade of "C" or better in the Preventative Child Care Health and Safety Curriculum.

### **ECE 083 - Children's Storytelling And Puppetry**

18 LEC, 1 UNITS

Explores storytelling and puppetry for young children. Focus is on the presentation of activities and techniques for effective storytelling. Includes incorporating and extending literacy-based activities across the curriculum.

**ECE 085 - Emerging Literacy***18 LEC, 1 UNITS*

Explores the developmental continuum of literacy from birth. Provides examples of age appropriate experiences, integrated curriculum, literacy-rich environments, and intentional teaching.

**ECE 087 - Dual Language Learners***54 LEC, 1 UNITS*

Focuses on the knowledge and tools needed to support young dual language learners. Includes stages and strategies of second language acquisition, bilingualism, and providing culturally sensitive environments.

**ECE 088 - Quality Improvement In ECE Programs***54 LEC, 3 UNITS*

Provides the opportunity for students to improve their professional skills or specific program components. Includes self-assessment, development of goals, action plan, assessment and documentation of specific improvements.

**ECE 098 - Succeeding In An ECE Career***27 LEC, 1.5 UNITS*

Designed as a capstone course to assist students with skills for successfully obtaining employment in the ECE field. Addresses job seeking skills, presentation, interviewing, permit applications, and resume development. Includes critique of completed portfolios, and articulation of skills and knowledge acquired in the ECE program of study.

**ECE 140 - Teaching Young Children With Special Needs***54 LEC, 3 UNITS**CSU(D9)*

Provides an overview of the variations in development of children with special needs; age's birth through eight and the resulting impact on families. Covers curriculum and intervention strategies for working with children with special needs in partnership with their families. Focuses on the use of observation and assessment in meeting the individualized needs of children in inclusive and natural environments. Includes the role of the teacher as a professional working with families, collaboration with interdisciplinary teams, the referral process and cultural competence.

**ECE 150 - Observation And Assessment***36 LEC, 54 LAB, 3 UNITS**CSU(D9)*

Focuses on the appropriate use of a variety of observation and assessment strategies to understand and document child development and behavior. Includes conducting, interpreting and analyzing observations and developing recommendations for promoting children's development.

**ECE 152 - Introduction To Curriculum***54 LEC, 3 UNITS**CSU(D9)*

Presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age six. Examines the teacher's role in supporting development and engagement, emphasizing the essential role of play. Provides strategies for developmentally appropriate practice across the curriculum based on observation and assessment. Includes an overview of the content areas of the curriculum including academic areas, creativity, communication and language, social-emotional learning and cognitive skills.

**ECE 153 - Child, Family and Community***54 LEC, 3 UNITS**CSU(D9)*

Examines the developing child in a societal context focusing on the interrelationship of family, school and community and emphasizes historical and socio-cultural factors. Highlights the processes of socialization and identity development, showing the importance of respectful, reciprocal relationships that empower families. Includes study of community agencies and resources that support families.

**ECE 154 - Creative Activities For Children***54 LEC, 3 UNITS**CSU(D9), IGETC(4I)*

Planning creative curriculum experiences for a group setting that will foster creativity as well as cognitive, social, emotional and physical development in children. Hands-on instructional approach is used to build a repertoire of creative activities and skills for supporting creativity in children. Formerly ECE 54 and ECE 154AB. Repeatable.

**ECE 156 - Mentoring/Supervising Adults In The Classroom***36 LEC, 2 UNITS**CSU(D9)*

Provides methods and principles of supervising and mentoring student teachers and volunteers in early care and education settings. Emphasis is on the role of experienced teachers who function as leaders and mentors while simultaneously addressing the needs of the children, parents and other staff. Meets requirement for Master Teacher level and above on the Child Development Permit Matrix.

**ECE 157 - Principles And Practices Of Teaching Young Children***36 LEC, 54 LAB, 3 UNITS**CSU(D9), IGETC(4I)*

Examines the underlying theoretical principles of developmentally appropriate practices applied to early childhood programs and environments. Emphasizes the key role of relationships, constructive adult-child interactions and teaching strategies in supporting physical, social, creative and intellectual development. Includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics and professional identity.

**ECE 158 - Practicum***36 LEC, 54 LAB, 3 UNITS**CSU(D9)*

Demonstrates developmentally appropriate early childhood teaching competencies under guided supervision. Provides opportunities to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Emphasizes child-centered, play-oriented approaches to teaching, learning and assessment. Explores curriculum content areas as student teachers design, implement and evaluate experiences that promote positive development and learning for young children.

**ECE 159 - Health, Safety And Nutrition***54 LEC, 3 UNITS**CSU(D9)*

Introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health, safety and nutrition. Identifies the key components that ensure physical health, mental health and safety for both children and staff. Includes the importance of collaboration with families and health professionals. Focuses on integrating the concepts into everyday planning and program development.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated to the right of the unit value of each course. The IGETC pattern applies to both the California State University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 47-48) or meet with an academic advisor for clarification.

**ECE 160 - Teaching In A Diverse Society**

54 LEC, 3 UNITS

CSU(D9)

Examines the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege affecting young children, families, programs, education and teaching. Explores classroom strategies emphasizing culturally relevant and linguistically appropriate anti-bias approaches, supporting all children in becoming competent members of a diverse society. Includes self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling.

**ECE 162 - Child Growth and Development**

54 LEC, 3 UNITS

CSU(D9), IGETC(4I)

Examines the major physical, psychosocial and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. Emphasizes interactions between maturational processes and environmental factors. Includes observation and evaluation of individual differences and analysis of characteristics of development at various stages while studying developmental theory and investigative research methodologies.

**ECE 166 - Music With Children**

18 LEC, 1 UNITS

CSU

Provides knowledge, methods and opportunities to develop and implement musical activities with children. Experiential course including rhythm, song, movement and dance. Designed for early childhood and elementary education majors, teachers and parents.

**ECE 299 - Special Topics**

9-72 LEC, 0.5-4 UNITS

Designed to permit in-depth investigation of topics not covered by regular course offerings. Course content to be determined by the instructor in relation to community and student interest and need.

**EDUCATION****EDUC 101 - Teacher Assistant I**

36 LEC, 2 UNITS

CSU

EDUC 101 is an introductory course for students who have trained as First Level instructional tutors and mentors. Students will have the opportunity to develop introductory knowledge of current teaching skills that will support migrant or Second Language Learner children who are most academically at risk, such as hands-on activities and individual tutoring. The student will learn about introductory English language arts, English language development, mathematics curriculum content. The students will learn about introductory professionalism standards in education, such as communication protocols and role modeling.

**EDUC 102 - Teacher Assistant II**

36 LEC, 2 UNITS

CSU

EDUC 102 is an early advance course for students who have trained as Third Level instructional tutors and mentors. Students will have the opportunity to develop early advanced knowledge of current teaching skills that will support migrant children or second language learners who are most academically at risk, such as, using assessments to inform instruction and strategic thinking. The student will learn about early advanced curriculum content in English Language Arts (ELA), English Language Development (ELD) and math, e.g. fluency development, preparing and using various strategies to model reading and oral language development, and identifying types of assessments. The student will learn about early advanced professionalism standards in education, such as networking, mentoring and exam preparation.

**EDUC 104 - Teacher Assistant I - Puppetry**

36 LEC, 2 UNITS

CSU

EDUC 104 is part of Mini-Corps, a component of the California Master Plan for the education of migrant children. During the summer the California Mini-Corps program sponsors a Puppeteer Program and trains a select team of tutors as puppeteers assigned to multiple school districts in Migrant Regions that have requested these services. Students learn how to develop and conduct presentations on a variety of health and school connectedness related topics including drug prevention, dental hygiene, bullying, anti-smoking and self-esteem. Working as student mentors and teacher assistants, students will relay their knowledge to migrant children in a classroom or migrant camp setting by performing puppetry. Course instructors will provide students with the necessary puppetry skills.

**EDUC 105 - Teacher Assistant Field Experience I**

182 LAB, 3 UNITS

CSU

EDUC 105 is a work experience course for students who have trained as First Level instructional tutors and mentors. Students will apply introductory knowledge of current teaching skills that will support migrant and/or second language learner children who are most academically at risk, such as hands-on activities and individual tutoring. The student will apply introductory English Language Arts (ELA), English Language Development (ELD), math curriculum content. The students will apply introductory professionalism standards in education, such as communication protocols and role modeling. Students will work under the supervision of a classroom teacher.

**EDUC 106 - Teacher Assistant Field Experience III**

182 LAB, 3 UNITS

CSU

EDUC 106 is a work experience course for students who have trained as Third Level instructional tutors and mentors. Students will have the opportunity to apply early advanced knowledge of current teaching skills that will support migrant and/or second language learner children who are most academically at risk, such as, using assessments to inform instruction and strategic thinking. The student will apply early advanced curriculum content in English language arts (ELA), English language development (ELD) and math, e.g. fluency development, preparing and using various strategies to model reading and oral language development, and identifying types of assessments. Students will work under the supervision of a classroom teacher.

**EDUC 107 - Teacher Assistant I-Science & Literacy Camps**

40 LEC, 2 UNITS

CSU

An entry level preparation course for Butte County Office of Education instructional mentors and tutors who will teach second language learners and students with other academic needs. Instruction will take place primarily in group settings during outdoor science camps, literacy camps, symposiums and/or online programs. The students will be introduced to curriculum content in basic English language development (ELD), English language arts (ELA), mathematics, science and leadership development.

**EDUC 108 - Field Experience I-Science & Literacy Camps**

336 LAB, 6 UNITS

CSU

An entry-level preparation field experience course for participants from Butte County Office of Education (BCOE) instructional mentors and tutors who are taking EDUC 107. Participants will teach second language learners and other students with academic needs, curriculum content in basic English language development (ELD), English language arts (ELA), science, technology, engineering, art, and mathematics (STEAM), and leadership development strategies. Participants will incorporate EDUC 107 introductory strategies and pedagogy such as working in group settings, outdoor academies, camps, and/or symposiums.

**EDUC 200 - Introduction To Education/Field Experience**

36 LEC, 54 LAB, 3 UNITS

CSU

Introduces the student to concepts and issues related to teaching diverse learners in today's contemporary schools, Kindergarten through grade 12. Includes teaching as a profession and career, credentialing requirements, historical and philosophical foundations of the American education system, contemporary educational issues, California's content standards and frameworks, teacher performance standards and ethical responsibilities. Requires 45 hours of structured field experience in public school elementary classrooms under a certificated classroom teacher.

**EDUC 201 - Teacher Assistant III**

36 LEC, 2 UNITS

CSU

EDUC 201 is a intermediate course for students who have trained as Second Level instructional tutors and mentors. Students will have the opportunity to develop intermediate knowledge of current teaching skills that will support migrant and/or second language learner children who are most academically at risk, such as, identifying and applying math and English language development (ELA ) concepts and strategies to meet identified deficiencies. The student will learn about intermediate curriculum content in math, ELA and English language development (ELD) including vocabulary development, small group instruction, preparing and using realia and hands on materials. The student will learn about intermediate professionalism standards in education, such as developing a professional portfolio.

**EDUC 202 - Teacher Assistant IV**

36 LEC, 2 UNITS

CSU

EDUC 202 is a work experience course for students who have trained as Fourth Level instructional tutors and mentors. Students will have the opportunity to develop advanced knowledge of current teaching skills that will support migrant and/or second language learner children who are most academically at risk, such as, career preparation, differentiated instruction and extended instruction. The student will learn about advanced curriculum content in English language arts (ELA), English language development (ELD) and math, e.g. comprehension, analysis and integration of multiple sources of data, resources and strategies. The student will learn about advanced professionalism standards in education, such as career preparation.

**EDUC 204 - Teacher Assistant II- Puppetry**

36 LEC, 2 UNITS

CSU

EDUC 204 is part of Mini-Corps, a component of the California Master Plan for the education of migrant children. It is the advanced course for students in their second level as instructional tutors and mentors. During the summer, the California Mini-Corps program sponsors a Puppeteer Program and trains a select team of tutors as puppeteers assigned to multiple school districts in Migrant Regions that have requested these services. Students advanced their training on developing and conducting presentations on a variety of health and school connectedness related topics including drug prevention, dental hygiene, bullying, anti-smoking and self-esteem. Working as mentors to teacher assistant I, assist them in relaying their knowledge to migrant children in a classroom or migrant camp setting by performing puppetry. Course instructors will provide students with the necessary puppetry skills.

**EDUC 205 - Teacher Assistant Field Experience III**

182 LAB, 3 UNITS

CSU

EDUC 205 is a work experience course for students who have trained as Second Level instructional tutors and mentors. Students will have the opportunity to apply intermediate knowledge of current teaching skills that will support migrant and/or second language learners children who are most academically at risk, such as, identifying and applying math, English language arts (ELA) and English language development (ELD ) concepts and strategies to meet identified deficiencies. The student will apply their knowledge of intermediate math, ELA and ELD curriculum content, including vocabulary development, small group instruction, preparing and using "realia" and hands on materials. Students will work under the supervision of a classroom teacher.

**EDUC 206 - Teacher Assistant Field Experience IV**

182 LAB, 3 UNITS

CSU

EDUC 206 is a work experience course for students who have trained as Fourth Level instructional tutors and mentors. Students will have the opportunity to apply advanced knowledge of current teaching skills that will support migrant and/or second language learner children who are most academically at risk, such as, career preparation, differentiated instruction and extended instruction. The student will apply advanced curriculum content in English Language Arts (ELA), English Language Development (ELD) and math, e.g. comprehension, analysis and integration of multiple sources of data, resources and strategies. The students will work under the supervision of a classroom teacher.

**EDUC 207 - Teacher Assistant II-Science & Literacy Camps**

720 LEC, 2 UNITS

CSU

A continuation of EDUC 107, which prepares participants to modify existing lessons. Participants are from Butte County Office of Education (BCOE) instructional mentors and tutors who are taking EDUC 208. Participants will analyze how to teach second language learners and other students with academic needs, curriculum content in basic English language development (ELD), English language arts (ELA), science, technology, engineering, art, and mathematics (STEAM) and leadership development strategies. Participants will analyze strategies and pedagogy such as working in group settings, outdoor academies, camps and/or symposiums to implement into EDUC 208.

**EDUC 208 - Field Experience II-Science & Literacy Camps**

336 LAB, 6 UNITS

CSU

A continuation of EDUC 108, which prepares participants to incorporate existing lessons. Participants from Butte County Office of Education (BCOE) instructional mentors and tutors who are taking EDUC 207. Participants will analyze and teach second language learners and other students with academic needs curriculum content in basic English language development (ELD), English language arts (ELA), science, technology, engineering, art, and mathematics (STEAM) and leadership development strategies. Participants will analyze and incorporate EDUC 207 strategies and pedagogy such as working in group settings, outdoor academies, camps and/or symposiums.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated to the right of the unit value of each course. The IGETC pattern applies to both the California State University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 47-48) or meet with an academic advisor for clarification.

**EDUC 217 - Teacher Assistant III-Science & Literacy Camps**  
720 LEC, 2 UNITS CSU

A continuation of EDUC 207, which prepares participants to develop lessons. Participants are from Butte County Office of Education (BCOE) instructional mentors and tutors who are taking EDUC 218. Participants will evaluate how to teach second language learners and other students with academic needs curriculum content in basic English language development (ELD), English language arts (ELA), science, technology, engineering, art, and mathematics (STEAM) and leadership development strategies. Participants will evaluate strategies and pedagogy such as working in group settings, outdoor academies, camps and/or symposiums to implement into EDUC 218.

**EDUC 218 - Field Experience III-Science & Literacy Camps**  
336 LAB, 6 UNITS CSU

A continuation of EDUC 208, which prepares participants to develop and incorporate lessons. Participants from Butte County Office of Education (BCOE) instructional mentors and tutors who are taking EDUC 217. Participants will evaluate and teach second language learners and other students with academic needs curriculum content in basic English language development (ELD), English language arts (ELA), science, technology, engineering, art, and mathematics (STEAM), and leadership development strategies. Participants will evaluate and incorporate EDUC 217 strategies and pedagogy such as working in group settings, outdoor academies, camps, and/or symposiums.

## EMERGENCY MEDICAL TECHNICIAN

**EMT 021 - Emergency Medical Technician Refresher**  
32 LEC, 1.5 UNITS

This 32 hour course is designed to meet the State of California requirements for recertification for Basic Emergency Medical Technician. The course includes updated information and standards required to maintain certification. Current Emergency Medical Technician Basic seeking recertification in the State of California.

**EMT 120 - Emergency Medical Technician 1A**  
72 LEC, 54 LAB, 5 UNITS CSU

This course is designed to meet the certification requirements for the National Certification exam for Emergency Medical Technicians, and meets the requirements as prescribed under Title 22, California Code of Regulations.

## ENGLISH

**ENGL 002 - English As A Second Language—beginning Level**  
54 LEC, UNITS Problem No Units

This is a competency based education course designed for the beginning ESL student who is beginning to learn survival English skills. Emphasis on listening, speaking, reading and writing skills will allow students to gain confidence in survival English and go on to use more complex structures.

**ENGL 003 - English As A Second Language—Intermediate Level**  
54 LEC, UNITS Problem No Units

This is a competency based education course designed for the intermediate ESL student with some experience with English, but may still have difficulty with complex English structures such as tenses, imbedded clauses and modalities. Most students at this level need few survival skills, but lack fluency in the structures that they use. While this course will continue to provide advanced listening and speaking skills, the emphasis will begin to shift toward reading and writing skills. Formerly ENGL402AD.

**ENGL 004 - ESL Advanced**  
54 LEC, UNITS Problem No Units

This is a competency based education course designed for the advanced ESL student who needs to develop grammar and structure skills in English before going into higher academic-level English courses. This course will fine-tune listening and speaking skills but will focus on the complex grammatical structures needed to advance into higher academic-level classes. Reading and writing skills will be especially emphasized

**ENGL 005 - Reading And Writing Skills**  
54 LEC, 3 UNITS

This course is designed for those students who need a review of the reading and writing process. The student should have a background in grammar and sentence structure but will need additional help in developing the ideas, critical thinking, details and revision skills necessary to succeed in ENGL010. This course will provide instruction with particular emphasis on learning to read and write more effectively

**ENGL 010 - Elementary Composition And Reading**  
54 LEC, 3 UNITS

Pre-college level composition and reading intended to prepare students for college-level work. Reading: emphasis on reading rate, retention, comprehension and vocabulary. Composition: emphasis on grammar, structure and usage, paragraph construction, short essays.

**ENGL 100 - College Composition and Reading Workshop**  
18 LEC, 1 UNITS

College-level expository writing based on critical reading of influential writers contributing to cultural literacy. Emphasizes the analysis of ideas in oral and written form. Concentration on the essay and the research paper as resources for expression and argumentation. Each student will write 7,000 to 8,000 words. ENGL 010 with a C or higher, or appropriate placement.

**ENGL 100- College Composition and Reading Workshop**  
18 LEC, 1 UNIT

Co-curricular course in support of ENGL 101. This course is designed to supplement reading and writing strategies encountered in ENGL 101 and in preparation for more advanced college level writing. Course content includes: critical reading strategies, starting the writing process, research, and revision.

**ENGL 101 - Composition and Reading**  
54 LEC, 3 UNITS CSU(A2), UC, IGETC(1A)

College-level expository writing based on critical reading of influential writers contributing to cultural literacy. Emphasizes the analysis of ideas in oral and written form. Concentration on the essay and the research paper as resources for expression and argumentation. Each student will write 7,000 to 8,000 words. ENGL 010 with a C or higher, or appropriate placement.

**ENGL 102 - Introduction to Literature**  
54 LEC, 3 UNITS CSU(A3, A2), UC, IGETC(1B)

Students are introduced to major literary genres of fiction, poetry, and drama. Students learn to read and write analytically and critically about major literary themes taken from a wide variety of writers, time periods, and cultures. Students build on the writing and expository skills learned in English 101. This is the second course in the composition and reading sequence. Each Student will write 7,000-8,000 words. Completion of ENGL 101 with a "C" grade or higher.

**ENGL 103 - Critical Thinking and Writing**  
54 LEC, 3 UNITS CSU(A3), UC, IGETC(1B)

This course develops students' critical thinking, reading and writing skills beyond the level achieved in English 101, 102. Special emphasis is put on the use of sound thinking in written

communication of ideas based on the logical fundamentals of critical thinking, analysis and argumentation. Readings are oriented toward philosophy and similar areas. This is the third course in the composition and reading sequence. Each student will write 7,000 to 8,000 words. Completion of ENGL 101 with a "C" grade or higher.

### **ENGL 118 - Small Group Communication**

54 LEC, 3 UNITS CSU(A1)

Group process theory, leadership concepts and techniques, and the role of communication in small groups. Course involves participation in small group dynamics and development of skills in problem-solving, critical thinking, and individual communication techniques within the small group context.

### **ENGL 119 - Interpersonal Communication**

54 LEC, 3 UNITS CSU(A1), UC

A survey of the field of interpersonal communication that includes a review of the theory, research and practice that students can use to improve the quality of their professional and personal, as well as verbal and non-verbal transactions, that occur in relationships.

### **ENGL 120 - Speech**

54 LEC, 3 UNITS CSU(A1), UC, IGETC(1C)

This course presents the theories and techniques of public speaking in democratic society. Students will explore the discovery, development, and criticism of ideas in public discourse through research, reasoning, organization, composition, presentation, and evaluation of various types of speeches, including informative and persuasive speeches. The course includes composition, presentation, and evaluation of original speeches and critical assessment of public communication events. Speaking modes include informative, persuasive, descriptive, narrative, and impromptu speaking.

### **ENGL 128 - Film Appreciation**

54 LEC, 3 UNITS CSU(C1), IGETC(3A)

This course introduces students to an analytical and critical survey of film, including thematic interpretation, mise-en-scene, cinematography, and other aspects of film production. Cross-listed as HUMN 128.

### **ENGL 150 - Introduction To Journalism**

36 LEC, 54 LAB, 3 UNITS CSU

An introductory journalism and new media website/blog production course. Emphasis in the lecture portion of the course focuses on contemporary journalism/media and its role in society, as well as ethics, news writing and editing and multimedia storytelling; lab portion emphasizes web-based news production, reporting, blogging, social media networking and advertising, copy editing, layout and design.

### **ENGL 170 - Creative Writing**

54 LEC, 3 UNITS CSU(C2)

Students in this course will explore work in fiction and poetry and other genres. The course includes reading and modeling with established authors. The course emphasizes student writing and workshoping.

### **ENGL 172 - Creative Writing II**

54 LEC, 3 UNITS CSU

Students undertake intensive work in creative writing, choosing to work in fiction, prose, or poetry. Special attention is paid to

enhancing specific writing skills and to work on well-defined and large projects. A portion of the students' class time will be to mentor students in English 170, Creative Writing as a way to teach themselves more about their own writing and skills.

### **ENGL 180 - Nature Literature In America**

54 LEC, 3 UNITS CSU(C2), IGETC(3B)

A survey of American literature that will investigate how our emotions, aesthetics, personal and social consciousness, and even our very orientation in the world, have always been inseparably tied to our experience of nature. Students will discover how American writers have portrayed the natural world.

### **ENGL 185 - Ethnic Literatures of the U.S.**

54 LEC, 3 UNITS

This course is a survey of representative multicultural authors and literatures of the United States. It explores the cultural, historical, and political contexts of writings from many of the ethnic groups in America. It will examine similarities and differences between the central themes, concerns, and styles of African-American, Latino, Asian, and Indigenous literary expression and experiences, among others, at significant points in their histories. All genres may be examined. Cross-listed with ETHN 185.

### **ENGL 228 - Novel And Film**

54 LEC, 3 UNITS CSU(C2)

This course is a study in literary and cinematic technique focusing on narrative genres and theme. Selected novels are compared to transposed versions on film. Novel types covered: bildungsroman, gothic, detective, post-modern, contemporary. Examples of theme: love and revolution, coming of age, ethnic assimilation, colonialism and consciousness. Lecture, discussion, film viewing. Cross-listed with HUMN228.

### **ENGL 245 - Contemporary Literature**

54 LEC, 3 UNITS CSU(C2), IGETC(3B)

An intensive examination of literature from the English-speaking world, 1945 to present. Students will consider different national perspectives and cultures, as well as the major trends of contemporary literature.

### **ENGL 246 - Women's Literature**

54 LEC, 3 UNITS CSU(C2), UC

A survey of literature by women writing in English in all genres that will examine both canonical texts and overlooked, neglected or forgotten works which have fallen outside the traditional canon. Students will investigate how these works engage and/or circumvent the traditional canon.

### **ENGL 252 - American Literature I**

54 LEC, 3 UNITS CSU(C2)

This course introduces students to America's literary traditions from their beginnings to the second half of the nineteenth century.

### **ENGL 254 - American Literature II**

54 LEC, 3 UNITS CSU(C2)

This course introduces students to a wide range of American authors and their relationship to major literary and intellectual movements from the second half of the nineteenth century to the present.

#### **GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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### **ENGL 256 - Survey of British Literature I**

54 LEC, 3 UNITS

CSU(C2), UC, IGETC(3B)

Survey of literary culture of England from the Beowulf to Pope. Covers development of literary forms and the history of critical taste in political, cultural and philosophical context.

### **ENGL 257 - Survey of British Literature II**

54 LEC, 3 UNITS

CSU(C2), IGETC(3B)

Survey of literary culture of England from the late eighteenth century to the present. Covers development of literary forms and the history of critical taste in political, cultural and philosophical context.

### **ENGL 277 - Introduction to Shakespeare**

54 LEC, 3 UNITS

CSU(C2), IGETC(3B)

Acquaints students with dramatic structure, poetry and central themes of Shakespeare's work. Plays selected to represent range and development of his art. Emphasis on close text analysis, critical viewing of videotaped plays, and thematic interpretation. Includes introduction to Shakespearean criticism. Formerly ENGL 077.

### **ENGL 291 - Directed Study**

54-270 LAB, 1-5 UNITS

CSU

A student may take advanced course work or complete a student designed project in English after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

### **ENGL 310 - Applied Professional and Technical Communication and Composition**

54 LEC, 3 UNITS

Provides experience and feedback on writing effective and concise professional and technical communications such as memos, emails, letters, reports, technical papers, proposals, reports, social media, pamphlets, and other communications media. Important skills such as working in teams, preparing and giving presentations, and managing information are emphasized. The purpose of this course is to improve the writing and presentation ability of students in their professional communication with others.

### **ENGL 416 - Research Methods in Equine and Ranch Management Current Topics and Issues**

54 LEC, 3 UNITS

Research in current Equine and Ranch Management topics through critical exploration of research language, ethics, and approaches. The elements of the APA style research process within quantitative, qualitative, and mixed methods approaches, and emphasizes industry related topics including animal welfare and ethical training methods.

## **ENVIRONMENTAL STUDIES**

### **CWEE 170 - Cooperative Work Experience in Fire Application**

30-360 FEILD, 0.5-6 UNITS

This class is designed to accelerate career growth by offering credit for work experience, employment, or volunteer work. Each student will establish an agreement between the college, the student, and the employer or agency to develop work-based learning objectives and facilitate the learning of relevant on-the-ground experience working in fire and fuels

management and application of prescribed fire. CWEE students do not attend weekly classes, but perform self-directed career development assignments according to their individual needs and schedule. Students earn one unit for 60 unpaid hours, or 75 hours paid work over the semester. Students can earn up to 6 units a semester.

### **ENVR 040 - Firefighter Type 2**

32 LEC, 12 LAB, 2 UNITS

This is the first course in the wildland firefighter training series. This course provides students with entry level firefighter skills for wildland fire incidents. This course also provides instruction in wildland fire behavior, hazard recognition, human factors in high risk environments, basic incident command system, radio operations, and documentation. Classroom and field exercises will prepare the student for a position as a Firefighter Type 2 (FF2). This course meets the National Wildfire Coordinating Group's (NWCG) requirements for S-130/S-190/L-180/I-100 and J-158. This course may be taken once and repeated once for credit.

### **ENVR 041 - Firefighter Type 1**

32 LEC, 12 LAB, 2 UNITS

This is the second course in the wildland firefighter training series. This course prepares students with additional leadership and skills sets needed to make leadership and tactical decisions on wildland fire incidents. This course also provides instruction in the Risk Management Process, fireline reference materials, portable fire pump operations, and staging area standard operating procedures and practices. Classroom and field exercises will prepare the student for a position as a Firefighter Type 1 (FF1) and will provide the skills necessary to become an Incident Commander Type 5 (ICT5) and Staging Area Manager. This course meets the National Wildfire Coordinating Group's (NWCG) requirements for S-131/S-133/S-211/J236/RT-130. This course may be taken once and repeated once for credit. Prerequisite: ENVR 040 Firefighter Type 2.

### **ENVR 042 - Portable Pumps Water Use**

16 LEC, 12 LAB, 1 UNITS

This course provides students with practical knowledge and skills in the use of portable fire pumps and related equipment during wildland fire incidents. The course consists of three skill areas: supply, delivery, and application of water. Students will be required to demonstrate their knowledge of correct water use, basic hydraulics, and equipment care. Field exercises, demonstrations, and evaluations will cover set up, operation, and maintenance of pump equipment. This course meets the National Wildfire Coordinating Group's (NWCG) requirements. This course may be taken once and repeated once for credit.

### **ENVR 043 - Wildland Fire Chainsaws**

16 LEC, 16 LAB, 1 UNITS

This course provides the basic knowledge, understanding, function, maintenance, and use of internal combustion engine powered chain saws. The student will also learn the tactical use of wildland fire chainsaws. Field exercises support entry level training for fighters with little or no previous experience in operating a chain saw. The field exercises will provide students with hands-on cutting experience in surroundings similar to fire line situations. This is an entry level course for students interested in wildland fire suppression and is highly recommended prior to enrolling in intermediate level wildland fire related course. Students who have already completed this course may retake it in order to advance their skill classification. This course meets the National Wildfire Coordinating Group's (NWCG) requirements. This course may be taken once and repeated three times for credit.



### **ENVR 044 - Firing Operations**

27 LEC, 0.5 UNITS

The course discusses and illustrates common firing devices and techniques essential for jobs in this field. Students will work with real ignition techniques or demonstrate the use of an actual firing device, skills necessary in these jobs. The course introduces the roles and responsibilities of a Firing Boss, Single Resource (FIRB), and outlines duties of other personnel who may engage firing operations. Through a blended learning approach, students will gain the necessary skills required for the NWCG S-219 Firing Operations course. Students will complete the online training portion of the course prior to taking the instructor led training (ILT) portion. If logistically feasible it is suggested by National Wildfire Coordinating Group (NWCG) that a field day be conducted.

### **ENVR 045 - Seasonal Firefighting Basic**

36 LEC, 2 UNITS

Basic concepts, techniques, skills and theories on fire suppression and control. Includes fire physics, fuels, weather, topography, behavior, fire-line construction, National Interagency Incident Management System, safety and working around helicopters. Meets training requirement to become a firefighter for federal and state agencies.

### **ENVR 046 - Introduction To Incident Command System**

18 LEC, 1 UNIT

This course provides an introduction to the Incident Command System (ICS-100), the National Incident Management System (ICS-700), the National Response Framework (ICS-800), and Emergency Support Function #4 – Firefighting (ICS-804). This course also provides a basic introduction to wildland fire management (S-110) and a basic working knowledge of the human performance concepts in dynamic and high risk environments (L-180). This course meets the National Incident Management System (NIMS) and National Wildfire Coordinating Group (NWCG) National Standard Curriculum.

### **ENVR 047 - Incident Command System for Single Resources (I200)**

13 LEC, 0.5 UNIT

This course is designed to enable personnel to operate efficiently during an incident or event within the Incident Command System (ICS). The course focuses on the implementation of ICS and single resources. Topics include ICS fundamentals review, leadership and management, delegation of authority, management by objectives, ICS functional areas and positions, briefings, organizational flexibility, and transfer of command. This course provides training and resources for personnel who are likely to assume a supervisory position within the ICS. This course meets the National Incident Management System (NIMS) National Standard Curriculum. Prerequisite: ENVR 046 Introduction to Incident Command System.

### **ENVR 048 - Intermediate Incident Command System (I300)**

24 LEC, 1 UNIT

This course provides description and detail of the Incident Command System (ICS) organization and operations in supervisory roles on expanding or Type 3 incidents. Topics include ICS fundamentals review, incident/event assessment and agency guidance in establishing incident objectives, Unified

Command, incident resource management, planning process, demobilization, transfer of command, and close out. Students will be organized into teams for classroom exercises that replicate an incident operation. This course meets the National Incident Management Systems (NIMS) National Standard Curriculum. Prerequisite: ENVR 047 ICS for Single Resources.

### **ENVR 049 - Intermediate Wildland Fire Behavior**

36 LEC, 2 UNITS

This is a classroom-based skills course designed to prepare the prospective fireline supervisor to undertake safe and effective fire management operations by fulfilling the coursework for National Wildfire Coordinating Group (NWCG) course S-290. It is the second course in a series that collectively serves to develop fire behavior prediction knowledge and skills. Fire environment differences are discussed as necessary; instructor should stress local conditions.

### **ENVR050- Commercial Drivers Learners Permit Preparation**

36 LEC, 36 LAB, 2 UNITS

This course will guide the student through the California Department of Motor Vehicles (DMV) Commercial Drivers Handbook to prepare them for the DMV Commercial Learners Permit written exam.

### **ENVR 051 - Intermediate Class A Driver License Training**

18 LEC, 54 LAB, 2 UNITS

This is an intermediate-level course designed to give the participants the basic skills to obtain a Commercial Class A Driver License. The course will emphasize safe operations, pre-operation inspections and the department of Motor Vehicles Class A License driving skills test requirements as it pertains to operating regulated on-highway heavy equipment.

### **ENVR 102 - Introduction to Environmental Studies**

54 LEC, 3 UNITS

CSU(D7), UC

This interdisciplinary course introduces students to the field of environmental studies by emphasizing connections between people, place, and time. Through exploration of the foundational texts of environmental philosophy, social environmental theory, environmental policy, economics, and management practices, as well as through reflective outdoor experiences, students will begin developing an appreciation for their unique ecological identity, significance in history and society, and role in their community and the natural world.

### **ENVR 103 - Environmental Studies Seminar**

18 LEC, 1 UNITS

This course is designed to be taken early in a student's career in the Environmental Studies program. It will help build community among new students by introducing them to program staff, returning students, Plumas County (through map exercises, primarily), and by inviting natural resource professionals to speak about their careers and experiences.

### **ENVR 120 - Sierra Nevada Natural History**

36 LEC, 54 LAB, 3 UNITS

CSU

Students will learn to observe the patterns and relationships of flora, fauna, and non-living elements of the Sierra Nevada range, with a particular focus on Plumas County. Basic ecology, climatology and geology will also be discussed. An overnight field trip is required. Cross-listed with BIOL120.

#### **GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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**ENVR 125 - Wildlife Law and Issues***36 LEC, 2 UNITS**CSU*

In-depth studies of wildlife issues, laws, and regulations throughout North America and the world. The course includes in-depth discussions and analysis of the Endangered Species Act, commercialization of wildlife, illegal trade of wildlife, introduction of exotic species, the effects of pollution on wildlife, depredation wildlife and human populations' effect upon wildlife. Possible solutions to wildlife issues will be reviewed. Cross-listed with ADMJ 125.

**ENVR 130 - Introduction to Sustainable Food Systems***18 LEC, 54 LAB, 2 UNITS*

Introduction to local and global food systems, and their ecological, economic and social sustainability. Includes an exploration of Plumas County's local food and farming movement, and an introduction to the basics concepts of farm design and management. Labs include field days to local farms, gardens, and community-based food projects.

**ENVR 131 - High Altitude Crop Production - Late Season***18 LEC, 54 LAB, 2 UNITS*

Introduction to sustainable farm production techniques with an emphasis on fall crops. Includes planting schedules, season extension techniques, nutrient management, and the impact of temperature on crop productivity. Lab activities provide opportunities for hands-on experience planting, cultivating, and harvesting crops throughout the fall season.

**ENVR 132 - High Altitude Crop Production - Early Season***18 LEC, 54 LAB, 2 UNITS*

Introduction to farm production techniques with an emphasis on spring and early summer crops. Includes crop planning, high altitude variety selection, nutrient management, and spring season extension techniques Lab activities provide opportunities for hands-on experience with seed starting, soil preparation, potting-up, transplanting, greenhouse management, and early season extension techniques.

**ENVR 133 - Ecological Pest Management***9 LEC, 27 LAB, 1 UNITS*

Introduction to ecological pest and weed management strategies for the small-scale farm. Includes an overview of short-term, ecologically-friendly strategies for controlling a variety of common pests, as well as long-term approaches to building a balanced farm ecosystem. Labs will include field days at local farms and gardens.

**ENVR 134 - Season Extension Structures***9 LEC, 27 LAB, 1 UNITS*

This course will provide students with a basic understanding of the impacts of temperature on crop growth and equip them to select and utilize the appropriate season extension techniques. Students will learn about a variety of cost effective season extension technologies and gain experience in designing, building and using them.

**ENVR 135 - Small Farm Tools and Infrastructure***9 LEC, 27 LAB, 1 UNITS*

This course will equip students to assess, design and select tools and infrastructure appropriate for the small-scale farm. Includes an overview of small-scale equipment, hand tools, seeders, farm structures and packing shed design, irrigation system components and design, and fencing options. Field labs will include hands-on projects at local farms.

**ENVR 136 - Animal Husbandry on the Small Farm***9 LEC, 27 LAB, 1 UNITS*

Animals can be an important part in creating a closed-loop nutrient cycle on small farms. This course will explore the many benefits of including animals on your farm including soil

regeneration, nutrient contributions from manure, and the foods they can produce including dairy, eggs, and meat. This course will introduce animal husbandry techniques with raising poultry for eggs and meat, pigs, goats, rabbits, and other small animals. Field labs will include hands-on projects at local farms.

**ENVR 137 - Fruit Tree and Berry Production***9 LEC, 27 LAB, 1 UNITS*

This course will introduce students to fruits and berries that can be grown in the mountain environment. Selection of varieties, pruning techniques, grafting, harvesting and storage techniques will be explored. Field labs will include hands-on projects at local farms.

**ENVR 142 - Introduction to Environmental Science***54 LEC, 3 UNITS**CSU(B1), IGETC(5A)*

Introduction to environmental issues from a scientific perspective, focusing on physical, chemical, and biological processes within the Earth's system, the interaction between humans and these processes, and the role of science in finding sustainable solutions. Topics include ecological principles, biodiversity, climate change, sustainability, renewable and non-renewable energy, water resources, air and water pollution, and solid waste management.

**ENVR 142L - Introduction to Environmental Science Lab***54 LAB, 1 UNITS**CSU(B3), IGETC(5C)*

The laboratory section of ENVR 142 will build on students' understanding of concepts covered in the lecture course. Emphasis will be placed on quantitative methods of assessing data, collecting scientific data, representing data through graphs and charts, manipulating data in Excel and applying chemical and physical concepts.

**ENVR 160 - Watershed Protection And Restoration***36 LEC, 54 LAB, 3 UNITS**CSU*

This class will introduce you to the fundamental concepts, techniques, and tools used to understand the structure and function of watersheds. In addition, the class will address the basic techniques of stream corridor restoration. During the semester students will have the opportunity to apply knowledge and skills gained to collaborate on watershed restoration projects.

**ENVR 164 - Native Plants Workshop***9 LEC, 27 LAB, 1 UNITS**CSU*

This hands-on course focuses on native plant propagation, including identification, seed and cutting collection, transplanting, nursery and greenhouse operations, and re-vegetation techniques. Evening classroom sessions and daytime application / fieldtrips will combine to provide students with an understanding of how to initiate their own native plant projects.

**ENVR 170 - Wildland Fire Behavior***54 LEC, 3 UNITS**CSU*

This course is one in a series of core courses required for the Wildland Fire Technology Certificate of Achievement. This course provides students with information necessary to understand basic wildland fire behavior, wildland fire predictions, and wildland fire operation safety. Wildland fire environmental factors and the tools required to monitor weather and fire behavior will be discussed as it relates to wildland fire predictions. This course meets or exceeds the National Wildfire Coordinating Group's (NWCG) requirements.

**ENVR 180 - Environmental Policy***54 LEC, 3 UNITS**CSU(D8)*

A comprehensive analysis of the laws and policies that affect water, land, air, fire, wildlife, and vegetation in the American

West. The class will examine the federal land management agencies (history, mission, policies), and issues specific to wilderness, wildlife, timber, grazing, water, and mining. Cross-listed with POL180.

#### **ENVR 190 - Environmental Studies Field Course**

27 LAB, 0.5 UNITS CSU

Students will participate in selected environmental studies field trips to areas of environmental, historical and ecological interest within four major North American biomes: Great Basin, Sierra Nevada, Southern Cascades, and Modoc Plateau.

#### **ENVR 192 - Winter Ecology**

4.5 LEC, 13.5 LAB, 0.5 UNITS CSU

By taking local field trips, students will develop an understanding of winter ecology by using hands-on, practical ecological methods.

#### **ENVR 194 - Current Environmental Issues**

9 LEC, 1 UNITS CSU

We will explore regional environmental concerns through classroom and field sessions. Readings, guest speakers, discussion, direct observation, and hands-on projects will provide students with varied perspectives, allowing them to make judgments about issues and seek solutions to complex challenges.

#### **ENVR 201 - Introduction to Geographic Information Systems (GIS)**

36 LEC, 54 LAB, 3 UNITS CSU

An introduction to Geographical Information Systems (GIS) including basic principles as well as practices involving GIS. Students will learn about assessment of vector and raster data, scale, resolution, map projection, coordinate systems, georeferencing, and Global Positioning Systems. In addition, students will learn how GIS facilitates interdisciplinary project approaches, methods of data collection and sampling methods, spatial analysis, project design, and implementation. Cross-listed with GEOG201.

#### **ENVR 210 - Introduction to Soil Science**

36 LEC, 54 LAB, 3 UNITS CSU(B1, B3), UC

An introduction to the biological, chemical and physical properties of soils. Major topic areas include the relationship of soil characteristics to land management, maintenance of soil productivity, soil erosion processes and erosion control methods, soil classification and the use of soil survey information in agriculture, watershed and wildlife applications. The relationship of soil properties and the geologic/geomorphic setting is emphasized. Cross-listed with AGPS210.

#### **ENVR 220 - Introduction to Forestry**

36 LEC, 54 LAB, 3 UNITS CSU

This course is an introduction to forest ecological and biological processes and to forest management, through discussion of silviculture, policy, operations, forest products, and management decision making. Students will learn about techniques for measuring forests and other forest ecosystem components, such as soil, wildlife habitat, etc. Emphasis will be placed both on traditional use of forest resources and emerging, multiple-use goals.

#### **ENVR 230 - Introduction to Fire Ecology and Management**

36 LEC, 54 LAB, 3 UNITS CSU(B2, B3)

This course introduces students to wildland fire and its relationship and interactions with the environment. Major topic areas include: the basics of fire, fire exclusion and policy, fire history, traditional ecological knowledge and cultural burning, fuels, fuels sampling and quantification, fire and fuel modeling, and prescribed fire as a management tool. Students will also learn about career opportunities and gain skills in fire ecology and management.

#### **ENVR 240 - Introduction to Wildlife**

36 LEC, 54 LAB, 3 UNITS CSU

An exploration of the field of wildlife biology, including conservation, ecology, threats, and management of wildlife. The class is designed as an introductory-level course for the student interested in wild vertebrate species.

#### **ENVR 241 - Wildlife Diversity And Field Techniques**

36 LEC, 108 LAB, 4 UNITS CSU

An applied course including field identification and natural history of vertebrate wildlife as well as field techniques used in wildlife research and management.

#### **ENVR 250 - Introduction To Aquaculture**

36 LEC, 54 LAB, 3 UNITS CSU

An introduction to the techniques and methodology of fisheries culture, in earthen ponds and flow-through raceways. Lectures will focus on history, theory, hatchery systems, site selection, and water quality, feeding rates, and the economics of an aquaculture operation.

#### **ENVR 251 - Ecosystem Management**

18 LEC, 18 LAB, 2 UNITS CSU

Students will apply concepts from pre-requisite courses, to analyze and synthesize information about the environment. This will lead to participation in ecosystem management decision-making.

#### **ENVR 264 - Introduction to Fish**

54 LEC, 54 LAB, 4 UNITS CSU(B2, B3)

This course introduces students to the study of fishes. Students delve into the history of fishes and the techniques used to differentiate the 31,000 species. The course covers anatomy, behavior, structure and form, ecology of different classes, and students will identify and describe fishes that are found in and around California. BIOL 264 are cross-listed ENVR 264.

#### **ENVR 266 - Advanced Aquaculture**

36 LEC, 54 LAB, 3 UNITS CSU

This course builds upon the knowledge gained in ENVR250 Fish Culture and delves deeper into the subjects of water quality, water management, feed management, inventory, and bio filtration. These subjects are the driving force for recirculation fish culture. Students will explore the important mechanical components of a system and the role each plays in the life support of the culture species. Cross-listed with AGAS266.

#### **ENVR 280 - Professional Development Seminar**

18 LEC, 1 UNITS

The objective of this class is to synthesize material learned in the major and to assist students in the development of professional skills in seeking out, applying to, and interviewing for continued education and/or employment in Outdoor and environmental fields. This course is cross-listed with ORL 280.

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### **ENVR 291 - Directed Study**

*PROBLEM WITH HOURS, 1-5 UNITS*

CSU

A student may take advanced course work or complete a student designed project in Environmental Studies after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor and Chief Instructional Officer, and placed on file with the Office of Instruction.

### **ENVR 299 - Special Topics In Environmental Studies**

*54 LEC, 162 LAB, 0.5-3 UNITS*

CSU

Course covers selected topics in evolving issues or research in the area of environmental management or ecosystem science or special field topics as the opportunity arises. Independent student research and presentation are emphasized. Cross-listed with BIOL 299.

### **ENVR 480 - Human Dimensions of Natural Resources**

*54 LEC, 3 UNITS*

The values, attitudes, and behaviors of humans related to natural resources. Students will explore their own beliefs, biases, and prejudices through the use of case studies in controversial topics such as grazing on public lands, the expansion of wolves into new habitat, listing of endangered species such as sage grouse, and recreation conflicts.

## **ETHNIC STUDIES**

### **ETHN 130 - Native American History**

*54 LEC, 3 UNITS*

CSU(D6), IGETC(4F)

Survey of Native American history from 15th century to the present. Examines Native American cultures, economies and ways of life and their evolution including Spanish, French and British periods of colonization. Course emphasizes Native American responses and resistance to invasion and colonization including the roles of race and racism, self-determination, and sovereignty, as well as the relationships of Native American nations to the Federal Government from 1790 to the present. Cross-listed with HIST 130.

### **ETHN 135 - African American History**

*54 LEC, 3 UNITS*

CSU(D6), IGETC(4F)

The African American Studies course is designed to introduce students to cultural, geographical, historical, environmental, and political issues of the African American experience. Through the interdisciplinary exploration of social conditions, political engagement, intellectual production, and cultural contributions of African Americans, students will gain a greater understanding and appreciation of complex African American experiences and diversity. Using a variety of sources, students will study topics including, but not limited to, African civilizations, slavery and diaspora, the Black experience in the Americas, Civil War and emancipation, Reconstruction, migration, the Civil Rights movement, Black psychology, Black identity and gender, Black literary expression, and contemporary issues facing the Black community, as well as African American influence on U.S. and world culture. Students will also analyze concepts such as race and racism, white supremacy, colonialism, and eurocentrism, as well as the anti-racist and anti-colonial practices and movements within the African American community that have helped create a more just and equitable society for all. Cross-listed with HIST 135.

### **ETHN 140 - Introduction to Race and Ethnicity**

*54 LEC, 3 UNITS*

CSU(D, F), UC, IGETC(4H, 4C)

This course is an introduction to sociological and political approaches to race, and ethnicity, and an examination of the cultural, political, and economic practices and institutions

that support or challenge racism and inequality. This course explores the historical and contemporary interactions between various racial and ethnic groups, as well as struggles for rights, equality, and equity by using a range of various perspectives and theories. This examination and analysis of power includes using anti-racist approaches to understanding ongoing issues of discrimination and prejudice in order to create a more equitable society. Cross-listed with SOC 140 and POL 140.

### **ETHN 150 - Race and Ethnicity in American Music**

*54 LEC, 3 UNITS*

CSU(C2, D3), IGETC(3B)

Students will explore the roots of popular music in America and contributions of race and ethnic groups in America. This course emphasizes how ethnic and racial stories, struggles, and history are expressed in music, and how this music has impacted and influenced contemporary American musical styles and performance, including folk, jazz, rock, to hip-hop. Cross-listed with MUS 150

### **ETHN 185 - Ethnic Literatures of the U.S.**

*54 LEC, 3 UNITS*

CSU(C2), UC

This course is a survey of representative multicultural authors and literatures of the United States. It explores the cultural, historical, and political contexts of writings from many of the ethnic groups in America. It will examine similarities and differences between the central themes, concerns, and styles of African-American, Latino, Asian, and Indigenous literary expression and experiences, among others, at significant points in their histories. All genres may be examined. Cross-listed with ENGL 185.

## **FRENCH**

### **FRN 101 - Beginning French I**

*72 LEC, 4 UNITS*

CSU(C2), UC

Beginning level French emphasizing understanding and speaking modern French. Includes study of current grammatical structures and vocabulary, practice in reading and writing, and study of French culture. Formerly FRN001.

### **FRN 102 - Beginning French II**

*72 LEC, 4 UNITS*

CSU(C2), IGETC(6A)

Continuation of French 101, emphasizing understanding and speaking modern French. Includes study of current grammatical structures and vocabulary, practice in reading and writing, study of French culture. Formerly FRN 002

### **FRN 201 - Intermediate French I**

*90 LEC, 5 UNITS*

CSU(C2), UC, IGETC(6A)

Intermediate level French, continuation of FRN 102. The emphasis is on understanding and speaking modern French, using current vocabulary and grammatical structures. Course materials are based on a videotaped romantic comedy with native speakers, involving modern French culture and language. Practice in reading and writing, as well as listening and speaking.

## **GEOGRAPHY**

### **GEOG 102 - Physical Geography**

*54 LEC, 3 UNITS*

CSU(B1), IGETC(5A)

This course is a spatial study of the Earth's dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, geology, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and processes and their resulting patterns and distributions.

### **GEOG 104 - Cultural Geography**

*54 LEC, 3 UNITS*

CSU(D5), UC, IGETC(4E)

This course is an introduction to cultural geography through the study of global patterns of many aspects of human culture,

including population, language, religion, urban and rural settlement, and ways of economic livelihood.

### **GEOG 125 - World Regional Geography**

54 LEC, 3 UNITS

CSU(D5)

This course is a survey of the cultures of the world, regions, and nations as interpreted by geographers. This includes physical, cultural, and economic features. This course emphasizes spatial and historical influences on population growth, transportation networks, and natural environments. Students will identify and learn the importance of significant features in different regions around the world.

### **GEOG 201 - Introduction to Geographic Information Systems (GIS)**

36 LEC, 54 LAB, 3 UNITS

CSU, UC

An introduction to Geographical Information Systems (GIS) including basic principles as well as practices involving GIS. Students will learn about assessment of vector and raster data, scale, resolution, map projection, coordinate systems, georeferencing, and Global Positioning Systems. In addition, students will learn how GIS facilitates interdisciplinary project approaches, methods of data collection and sampling methods, spatial analysis, project design, and implementation. Cross-listed with ENVR201.

### **GEOG 291 - Directed Study**

90 LEC, 270 FIELD, 270 LAB, 1-5 UNITS

CSU

A student may take advanced course work or complete a student designed project in geography after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## **GEOLOGY**

### **GEOL 102 - Physical Geology**

54 LEC, 54 LAB, 4 UNITS

CSU(B1, B3), IGETC(5A, 5C)

An introductory study of the phenomena shaping Earth. The modern theories about the origin of Earth, its internal structure and evolution through time. The types of rocks and formations. Geological time and plate tectonics, including seismicity, volcanism and evolution of continental and oceanic basins.

### **GEOL 104 - Historical Geology**

54 LEC, 54 LAB, 4 UNITS

CSU(B1, B3), IGETC(5A, 5C)

In this course, students study the history of the Earth, covering the early atmosphere, the development of the Earth's structure, continents and oceans, the evolution of life, and the interrelationship between geological and astronomical processes.

### **GEOL 120 - Introduction to Earth Science**

54 LEC, 54 LAB, 4 UNITS

CSU(B1, B3), IGETC(5A, 5C)

This course is an introduction to the essentials of Earth Science, including the geosphere, atmosphere, hydrosphere, and solar system. This course focuses on the interactions between

physical and chemical systems of the Earth, such as the tectonic cycle, rock cycle, hydrologic cycle, weather and climate, the formation of the Earth, the solar system, and geologic time.

### **GEOL 191 - Geologic Field Trips: Volcanic Landscapes**

4-8 LEC, 20-40 FIELD, 0.5-1 UNITS

CSU

This is a weekend, field-based course that will visit selected, local landscapes formed by volcanism.

### **GEOL 291 - Directed Study**

PROBLEM WITH HOURS, 1-5 UNITS

CSU

A student may take advanced course work or complete a student designed project in geology after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## **HEALTH AND EXERCISE STUDIES**

### **HES 001 - Strength Training And Your Body**

54 LAB, 3 UNITS

This course is designed to educate students on specific techniques used to develop muscular strength and muscular endurance while maintaining a safe environment. Students will be responsible for tracking their progress through the course in relation to their individual training goals.

### **HES 002 - Improving Cardio Respiratory Endurance**

54 LAB, 3 UNITS

This course is designed to educate students on the body's ability to perform large muscle group activity at moderate to high intensity for a prolonged period of time. Examples include but are not limited to running, cycling, and swimming.

### **HES 100 - Principles of Healthful Living**

54 LEC, 3 UNITS

CSU, UC

The course examines current important health issues and practical means of effectively dealing with them. Main topics include mental and emotional health, nutrition, physical fitness, human sexuality, substance use and abuse, environmental health, communicable disease, aging, dying and death, safety, and first aid. Emphasis on the promotion of wellness. Cross-listed with HLTH100.

### **HES 101 - Wellness And Body Movement**

54 LEC, 3 UNITS

This course guides students into all of the dimensions of personal health promotion and disease prevention. Life skills involving fitness and wellness that truly enhance the quality and longevity of a healthy life will be taught in a lecture and laboratory format. Safe and effective exercise is conducted in various forms of movement from beginning to advanced levels.

### **HES 104 - Sports Management**

54 LEC, 3 UNITS

CSU

This course is designed to examine the academic and professional requirements of coaching and administering a sports program. Students will be exposed to the breadth

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of the coaching and administrating profession by examining philosophy, goals, objectives, ethics, and practical task orientations.

### **HES 105 - First Aid And Safety**

18 LEC, 1 UNITS

CSU, UC

First aid in emergency and accident situations. Wounds, shock, choking, artificial respiration, adult, child, and infant CPR, injuries, burns, effects of heat and cold, medical emergencies, and transportation of the injured. Home fire safety. Upon completion, students qualify for American Red Cross Standard First Aid Certificate (three year certificate) and American Red Cross Certification (one year).

### **HES 108 - Track & Field And Cross Country Skills**

9 LEC, 27 LAB, 0.5-1 UNITS

CSU, UC

A fitness course that will teach and/or further one's knowledge in track and field. The class activity is designed to improve many areas in physical fitness, including: all events in track and field, cardiovascular, muscle toning, flexibility, and stress reduction.

### **HES 112 - Ultimate Disc**

54 LAB, 1 UNITS

CSU, UC

Beginning through advanced. Ultimate development of individual skills, throwing and catching, and offensive/defensive team strategy.

### **HES 113 - Circuit Training**

54 LAB, 1 UNITS

CSU(E), UC

This course examines the relationship between exercise, diet, and body composition as affected by muscular strength and endurance training as well as nutritional issues that affect the body both pre and post workout. The course is designed to help students develop proper lifting techniques, but also to be informed of the varying ways to evaluate and access body mass index (BMI) and body fat percentage.

### **HES 114 - Physical Fitness: Stretch And Tone**

27-54 LAB, 0.5-1 UNITS

CSU, UC

A fitness program designed to improve muscle tone and strength through a series of deep muscle exercises that improve flexibility and reduce stress.

### **HES 115 - Physical Fitness: Aerobics**

27-54 LAB, 0.5-1 UNITS

CSU, UC

Activity class designed for improved cardiovascular fitness. High/low aerobics, strength training, flexibility, and stress reduction.

### **HES 118 - Physical Activity, Wellness & Behavior Change**

54 LAB, 1 UNITS

CSU

Students will examine personal awareness and responsibility for maintenance of health, fitness and well-being. Information will be presented concerning the benefits, positive effects, assessment and implementation of healthy lifestyles through muscular strength and endurance activities.

### **HES 119 - Body Composition: Theory, Principles and Management**

54 LAB, 1 UNITS

CSU(E)

This course examines the relationship between exercise, diet, and body composition as affected by muscular strength and endurance training as well as nutritional issues that affect the body both pre and post workout. The course is designed to help students develop proper lifting techniques, but also to be informed of the varying ways to evaluate and access body mass index (BMI) and body fat percentage.

### **HES 120 - Weight Training**

54 LAB, 1 UNITS

CSU(E), UC

This course covers techniques of weight training, an individually adapted exercise program, basic development of strength,

endurance, speed, and agility through a controlled weight-training program. Activities for injury prevention, treatment and rehabilitation will be discussed in order to encompass the athletic training field.

### **HES 121 - Movement Fundamentals & Multi Joint Training**

54 LAB, 1 UNITS

CSU

This course is designed to help students develop movement skills through resistance training, strength development and muscular endurance. Focuses on blending together different combinations and sequences of exercises while conditioning the entire body. Activities for injury treatment and prevention along with rehabilitation will be discussed in order to encompass the athletic training field.

### **HES 122 - Performance Related Fitness**

54 LAB, 1 UNITS

CSU

This course is designed to offer comprehensive, systematic training programs for students who wish to apply strength and conditioning techniques to specific skills and/or physical activities.

### **HES 123 - Asian Martial Arts**

54 LAB, 1 UNITS

CSU

This course will explore the historical techniques of martial arts in light of present day practical applications. This course will be presented as a more traditional martial arts class with students exploring techniques in the forms of Karate, Kung Fu, Aikido, and Taekwondo, as well as other Asian arts. It will also introduce students to weapons used in various Asian countries including the bo, fai-gi, escrima, broad sword and others. Students will learn the historical, philosophical and physiological techniques required to correctly and safely execute the required movements through sparring, grappling, and katas.

### **HES 124 - Sports In American History**

54 LEC, 3 UNITS

CSU

A survey of sports as a reflection of American cultural development, race and gender relations, and political and social change through the 19th and 20th centuries. The course examines the development of American life through an examination of the literature, journalism, history, film and art of sports.

### **HES 127 - Advanced Asian Martial Arts**

54 LAB, 1 UNITS

CSU

The Advanced Asian Martial Arts course will deepen and expand the understanding and application of traditional martial arts with students not only learning the empty hand techniques of Karate, Kung Fu, Aikido, and Taekwondo, etc., but also skills in the use of weapons from various Asian countries including: the bo, fai-gi, escrima, shinai, broad sword and others. Students will become more proficient in the various arts while expanding and deepening their knowledge and expertise in the historical, philosophical and physiological aspects of martial arts. Through the study of empty hand and weapons techniques, reality based training will incorporate grappling, sparring, empty hand against weapon scenarios.

### **HES 129 - Basic Jujitsu**

54 LAB, 1 UNITS

CSU

Course covers basic principles of Jujitsu, a system of self-defense using the attacker's aggression against them. The emphasis is on balance and fulcrum more than strength.

### **HES 131 - Beginning Sports Conditioning**

108 LAB, 2 UNITS

CSU, UC

Class designed to advance athletic performance. All phases of strength and power are introduced and addressed though

strength, agility, balance, plyometric and speed training. Progression of exercises will be based upon performance assessment after completion of first four weeks.

### **HES 132 - Sports In Society**

54 LEC, 3 UNITS

CSU

This course is designed to enable students to understand the relationship between specific aspects of sociology and sport. The class will examine social, political, and economic factors that directly and indirectly affect individual and team sport performance.

### **HES 133 - Introduction To Kinesiology**

54 LEC, 3 UNITS

CSU

This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions.

### **HES 135 - Advanced Sports Conditioning**

54 LAB, 1 UNITS

CSU, UC

This class is designed to maximize athletic performance. All phases of strength and power are progressed using strength, agility, balance, plyometric and speed training techniques. Progression of exercises will be based upon performance assessments after completion of intermediate sport conditioning class.

### **HES 136 - Speed, Agility And Conditioning**

54 LAB, 1 UNITS

CSU

This course covers speed, agility, and conditioning as vital components of physical activity progression. This course is designed to help students train their proprioceptive senses, to learn and develop motor skills that enhance performance and prevent injury in their specific sport or activity. Activities for injury prevention, treatment and rehabilitation will be discussed in order to encompass the athletic training field.

### **HES 137 - Land Based Strength And Stabilization**

54 LAB, 1 UNITS

CSU

This course focuses on a variety of individual and group activities performed on land such as plyometrics, medicine balls, hurdles, and cardiovascular equipment; student improvement of strength and stabilization through explosion and core training. Activities for injury treatment and prevention along with rehabilitation will be discussed in order to encompass the athletic training field.

### **HES 138 - Fitness Activities And Theories**

54 LAB, 1 UNITS

CSU

This course covers topics related to individual fitness and development of personal skills, such as form running, body positioning, muscle memory, motor control and skill development. Activities for injury treatment and prevention along with rehabilitation will be discussed in order to encompass the athletic training field.

### **HES 139 - Asian Martial Arts-Weapons**

54 LAB, 1 UNITS

CSU

Throughout history, weapons have been used as an extension of the body. The study of martial arts enables one to become prepared physically and mentally for challenges that arise in life.

The use of traditional weapons expands upon these principles. The student will learn the historical context of weapons from various Asian countries including: the bo, escrima, shinai, broad sword, fai-gi, bokken, naginata, and many others. The student will learn techniques for the proper use of these weapons in two-person routines and for executing attacking and defensive moves. Students will become proficient in the use of several weapons, with a more in-depth study and focus on a particular weapon that will change each semester.

### **HES 141 - Principles Of Fitness & Performance**

54 LEC, 1 UNITS

CSU

Through lecture and discussion, the class will explore the physiological, psychological, and sociological values of fitness and principles of performance training. The student will study and implement the guidelines on how to commence or maintain a program of a healthy and enjoyable exercise program. The student will participate in fitness assessment, and exercise prescription. Other topics of study will include exercise and the environment, exercise for diverse populations, and sport nutrition.

### **HES 143 - Principles of Performance Lab**

45-90 FIELD, 0.5-1 UNITS

CSU

Course related to the continuation of teaching fundamentals, and implementation of plays.

### **HES 150 - Intramurals**

54 LAB, 0.5-1 UNITS

CSU, UC

A variety of courses including both individual and team sports.

### **HES 151 - Extramural Ultimate Disc**

27-54 LAB, 0.5-1 UNITS

CSU, UC

Regional tournament team play. Instruction in advanced skills of Ultimate Disc. Focusing on conditioning for advanced tournament play.

### **HES 152 - Intro To Cheer Movement**

54 LAB, 1 UNITS

Introductory class of basic cheer movements designed for the student with no prior knowledge of cheerleading. Basic cheerleading skills, techniques, and general cheer vocabulary common to all genres of cheerleading will be covered.

### **HES 153 - Intro To Dance Movement**

54 LAB, 1 UNITS

CSU

Introductory class of basic dance movements designed for the student with no prior knowledge of dance. Basic dance skills, techniques, and general dance vocabulary common to all genres of dance will be covered.

### **HES 154 - Cheer Production**

54 LAB, 1 UNITS

In this course designed for beginning to advanced cheerleaders, students will rehearse and/or prepare to perform student-choreographed cheer routines for performance during school athletic events. The focus is on developing technical and performance skills, as well as a professional work ethic in relation to practicing choreography.

### **HES 155 - Dance Production**

54 LAB, 1 UNITS

In this course designed for beginning to advanced dancers, students will rehearse and/or prepare to perform student-

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choreographed dances for performance during school athletic events. The focus is on developing technical and performance skills, as well as a professional work ethic in relation to rehearsing and practicing choreography.

#### **HES 156 - Theory Of Intercollegiate Sand Volleyball**

54 LAB, 1 UNITS CSU

A course that covers all aspects of the theory of Sand Volleyball, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, offensive and defensive strategies, and opponent scouting and evaluation.

#### **HES 157 - Sports Officiating**

18 LEC, 108 LAB, 3 UNITS CSU

Covers current officiating topics with emphasis on basic concepts of officiating. Sports addressed include volleyball, basketball, football, baseball, softball, and floor hockey. This course will focus on the organization and techniques of officiating sports. Comprehensive instruction in rules, officiating techniques, scoring, and practical lab experience.

#### **HES 158 - Theory Of Intercollegiate Women's Track And Field**

54 LAB, 1 UNITS CSU

A course that covers all aspects of the theory of track and field, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies of running track as an individual as a team as well as field events.

#### **HES 160 - Psychology Of Coaching**

54 LEC, 3 UNITS CSU

Designed to examine the various aspects of interpersonal behavior and motivational psychology as it pertains to coaching athletes, including: philosophy of coaching, motivation, leadership, anxiety, and stress, self-perception, aggression, and social influence.

#### **HES 161 - Theory Of Intercollegiate Soccer**

54 LAB, 1 UNITS CSU

A course that covers all aspects of the theory of soccer, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.

#### **HES 163 - Theory Of Intercollegiate Women's Cross Country**

54 LAB, 1 UNITS CSU

A course that covers all aspects of the theory of cross country, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies of running cross country as an individual and as a team.

#### **HES 166 - Theory Of Intercollegiate Men's Basketball**

54 LAB, 1 UNITS CSU, UC

A course that covers all aspects of the theory of basketball, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.

#### **HES 167 - Theory Of Intercollegiate Women's Volleyball**

54 LAB, 1 UNITS CSU, UC

A course that covers all aspects of the theory of women's volleyball, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.

#### **HES 168 - Theory Of Intercollegiate Softball**

54 LAB, 1 UNITS CSU

A course that covers all aspects of the theory of softball, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.

#### **HES 169 - Theory Of Intercollegiate Baseball**

54 LAB, 1 UNITS CSU

A course that covers all aspects of the theory of baseball, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.

#### **HES 170 - Introduction to Nutrition**

54 LEC, 3 UNITS CSU(E), UC

Physiological, social and psychological factors affecting food intake are examined. The relationship of nutrients to health throughout the life cycle is explored. Cross-listed with NCA170.

#### **HES 171 - Beginning Golf**

9 LEC, 27 LAB, 1 UNITS CSU, UC

This short term course will offer the individual student the opportunity to learn the basic fundamental skills necessary to play the game of golf.

#### **HES 172 - Beginning Life Long Fitness**

27-108 LAB, 0.5-6 UNITS CSU, UC

In keeping with the primary purpose of wellness, this course is designed to provide insight relative to the values derived by enriching the quality of our lives. Further, it includes the mechanisms for identifying individual needs and providing the means for measurement and improvement of lifestyles to reach a higher level of well being. This course provides a personalized approach to assess and prescribe the necessary programs to improve the components of physical fitness and wellness. These skills will be taught through sport, such as volleyball, swimming, aerobic dancing, water aerobics, tae bo, weight training, yoga, sports massage, racquetball, kickboxing, etc. The use of the school and community facilities and equipment will enhance the students' awareness of options for different activities.

#### **HES 174 - Intermediate Life Long Fitness**

27-108 LAB, 0.5-10 UNITS CSU, UC

In keeping with the primary purpose of wellness, this course is designed to provide insight relative to the values derived by enriching the quality of our lives. Further, it includes the mechanisms for identifying individual needs and providing the means for measurement and improvement of lifestyles to reach a higher level of well being. This course provides a personalized approach to assess and prescribe the necessary programs to improve the components of physical fitness and wellness. These skills will be taught through sport, such as volleyball, swimming, aerobic dancing, water aerobics, tae bo, weight training, yoga, sports massage, racquetball, kickboxing, etc. The use of the school and community facilities and equipment will enhance the students' awareness of options for different activities.

#### **HES 175 - Beginning Golf Academy**

9-13.5 LEC, 27-40.5 LAB, 1-1.5 UNITS CSU, UC

This short term course will offer the individual student the opportunity to learn the basic fundamental skills necessary to play the game of golf.



**HES 176 - Advanced Life Long Fitness**

9-108 LAB, 0.5-6 UNITS

CSU, UC

In keeping with the primary purpose of wellness, this course is designed to provide insight relative to the values derived by enriching the quality of our lives. Further, it includes the mechanisms for identifying individual needs and providing the means for measurement and improvement of lifestyles to reach a higher level of well being. This course provides a personalized approach to assess and prescribe the necessary programs to improve the components of physical fitness and wellness. These skills will be taught through sport, such as volleyball, swimming, aerobic dancing, water aerobics, tae bo, weight training, yoga, sports massage, racquetball, kickboxing, etc. The use of the school and community facilities and equipment will enhance the students' awareness of options for different activities.

**HES 178 - Theory Of Intercollegiate Men's Football**

54 LAB, 1 UNITS

CSU

A course that covers all aspects of the theory of men's football, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.

**HES 179 - Theory Of Sport: Nutrition For The Athlete**

54 LAB, 1 UNITS

CSU

This course provides a broad coverage of the key areas of sports nutrition. It deals primarily with general principles, but draws on examples from various sports to illustrate the nutritional goals of athletes in training and competition and highlights some of the dietary strategies that can be employed to meet those goals.

**HES 180 - Theory Of Sport: Applied Biomechanics**

54 LAB, 1 UNITS

CSU

Concepts behind how human movement is created (force) and how it can be improved (technique). Optimal performance can be attained by teaching/coaching knowledge of the appropriate muscular applications that they body must endure while in motion. On the opposite end of the spectrum, what negative positions the body is placed in which leads to injury and decreased performance is crucial. The course will also cover avoidance of injury and decreased performance. Video and whiteboard analysis of biomechanical movements will be applied to sport. Case studies will be used to reinforce biomechanical concepts.

**HES 181 - Theory Of Sport: Coaching Methods And Issues**

54 LAB, 1 UNITS

CSU

Focus on major coaching theories, methods, practices, and outcomes. Topics include study of first principles on coaching, coaching cases and analyses utilizing film and film breakdown to identify great coaches, coaching decision making, and other contemporary issues.

**HES 182 - Ballroom Dance: Swing**

9-27 LAB, 0.5-1 UNITS

CSU, UC

Designed to introduce students to various styles of swing as a ballroom dance through developing an understanding of its history, music, rhythms, techniques and fundamental social aspects. Basic dance floor etiquette and partner dancing "do's and don'ts" will be covered. Students may participate in field trips.

**HES 183 - Intermediate Ballroom Dance: Swing**

9-27 LEC, 1 LAB, 0.5-1 UNITS

CSU, UC

Complementary course to HES 182—Ballroom Dance: Swing. This course expands on swing dance with more advanced moves and sequencing. Emphasis is on styling, rhythm and technique. Some dance experience is required. Partners are not required. Students may participate in field trips.

**HES 184 - Basic Ballroom Dance**

9-27 LAB, 0.5-1 UNITS

CSU, UC

Designed to introduce students to a selection of various ballroom dances through developing an understanding of their history, music, rhythms, techniques and fundamental social aspects. Basic to advanced steps in: fox trot, waltz, tango, rumba, cha-cha, samba, mambo, salsa, country western, and selected novelty dances may be covered as well as dance floor etiquette. Students may participate in field trips.

**HES 192 - Physical Fitness: Beginning Yoga**

18-54 LAB, 0.5-1 UNITS

CSU, UC

Introduction to basic Hatha yoga postures. Study and practice of exercises for self-awareness, breathing, relaxation, visualization, and meditation. Formerly PE192AD.

**HES 194 - Principles Of Physical Education**

54 LEC, 3 UNITS

CSU

Foundations and philosophies of physical education including professional requirements, fields of study for majors, legal liabilities, public relations, and teaching principles.

**HES 200 - Intercollegiate Men's Football**

180 FIELD, 2 UNITS

CSU, UC

An advanced class for Football competition designed to train students for participating at the intercollegiate level. Methods of competitive team play and strategy will be emphasized. Instruction will include knowledge of and adherence to the Commission On Athletics and conference rules and regulations.

**HES 201 - Intercollegiate Basketball**

180 FIELD, 2 UNITS

CSU, UC

An advanced level class for intercollegiate basketball competition designed to train student athletes participating in intercollegiate basketball. Methods of competitive team play and strategy will be addressed along with knowledge and adherence of league rules and regulations.

**HES 204 - Intercollegiate Soccer**

180 FIELD, 2 UNITS

CSU

An advanced level class for intercollegiate soccer competition designed to train student athletes participating in intercollegiate soccer. Methods of competitive team play and strategy will be addressed along with knowledge and adherence of league rules and regulations.

**HES 208 - Intercollegiate Cross Country**

180 FIELD, 2 UNITS

CSU

An advanced level course for intercollegiate Cross Country runners with specific attention to individual development. Competitive team play and strategy will also be covered. Knowledge and adherence to the California Community College Athletic Association and conference guidelines will be strictly enforced.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated to the right of the unit value of each course. The IGETC pattern applies to both the California State University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 47-48) or meet with an academic advisor for clarification.

**HES 212 - Intercollegiate Track And Field**

180 FIELD, 2 UNITS

CSU

An advanced level course for intercollegiate Track and Field participants with specific attention to individual development. Competitive team play and strategy will also be covered. Knowledge and adherence to the California Community College Athletic Association and conference guidelines will be strictly enforced.

**HES 214 - Intercollegiate Volleyball**

180 FIELD, 2 UNITS

CSU, UC

An advanced class for Volleyball competition designed to train students for participating at the intercollegiate level. Methods of competitive team play and strategy will be emphasized. Instruction will include knowledge of and adherence to the Commission On Athletics and conference rules and regulations.

**HES 216 - Intercollegiate Baseball**

180 FIELD, 2 UNITS

CSU, UC

An advanced class for Volleyball competition designed to train students for participating at the intercollegiate level. Methods of competitive team play and strategy will be emphasized. Instruction will include knowledge of and adherence to the Commission On Athletics and conference rules and regulations.

**HES 218 - Intercollegiate Softball**

180 FIELD, 2 UNITS

CSU, UC

An advanced class for Softball competition designed to train students for participating at the intercollegiate level. Methods of competitive team play and strategy will be emphasized. Instruction will include knowledge of and adherence to the Commission On Athletics and conference rules and regulations.

**HES 219 - Intercollegiate Sand Volleyball**

180 FIELD, 2 UNITS

CSU

This course is designed to teach the basic skills, knowledge of rules, team strategies and techniques of double sand volleyball. Basic skills instruction and strategies in sand volleyball will be emphasized. This course is aimed at sand volleyball players with a desire to participate on the intercollegiate sand volleyball team.

**HES 220 - Management & Care Of Athletic Injury I**

54 LEC, 3 UNITS

CSU, UC

Introduction to the basic management and care of athletic related injuries. Topics will include basic anatomy, injury assessment and basic rehabilitation and prevention of injuries, with emphasis on practical applications.

**HES 222 - Management And Care Of Athletic Injury II**

54 LEC, 54 LAB, 3 UNITS

CSU

This course provides students with basic medical foundation in the prevention, recognition, assessment, management, and disposition of athletic related injuries. Topics include: Mechanism of tissue injury and healing, emergency procedures, protective equipment, acute care of injuries and other health conditions related to sports.

**HES 223 - Observation & Practicum Of Athletic Training**

54 LAB, 1 UNITS

CSU, UC

Students will apply advanced athletic training principles in rendering care to the athletic teams and/or individual student athletes. Students will learn taping techniques, wound care, therapeutic modalities, policies, and procedures of the athletic training profession.

**HES 230 - Advanced Basketball**

180 FIELD, 1 UNITS

CSU, UC

An advanced level class for intercollegiate basketball competition designed to train student athletes participating in intercollegiate basketball. Methods of competitive team

play and strategy will be addressed along with knowledge and adherence of league rules and regulations.

**HES 234 - Advanced Women's Volleyball**

180 FIELD, 2 UNITS

CSU, UC

An advanced level course for intercollegiate Women's Volleyball designed to train students in the off-season with additional attention to individual development. Competitive team play and strategy will be covered as well. Knowledge and adherence to the Commission On Athletics and Golden Valley Conference rules and regulations will be strictly enforced.

**HES 236 - Advanced Men's Baseball**

180 FIELD, 2 UNITS

CSU, UC

An advanced level course for intercollegiate Men's Baseball designed to train students in the off-season with additional attention to individual development. Competitive team play and strategy will be covered as well. Knowledge and adherence to the Commission On Athletics and Golden Valley Conference rules and regulations will be strictly enforced.

**HES 238 - Advanced Women's Softball**

180 FIELD, 2 UNITS

CSU, UC

An advanced level course for intercollegiate Women's Softball designed to train students in the off-season with additional attention to individual development. Competitive team play and strategy will be covered as well. Knowledge and adherence to the Commission On Athletics and Golden Valley Conference rules and regulations will be strictly enforced.

**HES 240 - Advanced Men's Football**

180 FIELD, 2 UNITS

CSU, UC

An advanced level course for intercollegiate Men's football designed to train students in the off-season with additional attention to individual development. Competitive team play and strategy will be covered as well. Knowledge and adherence to the Commission On Athletics and Mid Empire Conference rules and regulations will be strictly enforced.

**HES 242 - Advanced Soccer**

180 FIELD, 2 UNITS

CSU

A course that covers all aspects of the theory of soccer, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.

**HES 248 - Advanced Cross Country**

180 FIELD, 2 UNITS

CSU

An advanced level course for intercollegiate cross country designed to train student in the off season with specific attention to individual development. Competitive team play and strategy will also be covered. Knowledge and adherence to the California Community College Athletic Association and conference guidelines will be strictly enforced.

**HES 252 - Advanced Track And Field**

180 FIELD, 2 UNITS

CSU

An advanced level course for intercollegiate track and field designed to train student in the off season with specific attention to individual development. Competitive team play and strategy will also be covered. Knowledge and adherence to the California Community College Athletic Association and conference guidelines will be strictly enforced.

**HES 253 - Advanced Sand Volleyball**

180 FIELD, 2 UNITS

CSU

An advanced level course for intercollegiate Sand Volleyball designed to train students in the off-season with attention to individual development. Basic fundamentals, knowledge of

rules and techniques of doubles sand volleyball will be covered. Training in the areas of appropriate sand conditioning will also be covered.

### **HES 291 - Directed Study**

90 LEC, 270 LAB, 1-5 UNITS

CSU

A student may take advanced course work or complete a student designed project in Health and Exercise Studies after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor and Chief Instructional Officer, and placed on file with the Office of Instruction.

## **HEALTH**

### **HLTH 100 - Principles of Healthful Living**

54 LEC, 3 UNITS

CSU(E), UC

The course examines current important health issues and practical means of effectively dealing with them. Main topics include mental and emotional health, nutrition, physical fitness, human sexuality, substance use and abuse, environmental health, communicable disease, aging, dying and death, safety, and first aid. Emphasis on the promotion of wellness. Cross-listed with HES 100.

## **HISTORY**

### **HIST 108 - The United States to 1877**

54 LEC, 3 UNITS

CSU(C2, D6), UC, IGETC(3B, 4F)

A survey of the history of the U.S. from pre-Columbian societies and European colonization through the Revolution, Westward Expansion, the Civil War and Reconstruction. Emphasis is placed on the evolution of the nation's political and economic institutions, as well as social, cultural, and foreign policy history.

### **HIST 110 - The United States Since 1865**

54 LEC, 3 UNITS

CSU(C2, D6), UC, IGETC(3B, 4F)

A survey of the U.S. from Reconstruction through industrialization, overseas expansion, the Progressive Era, the Great Depression, the World Wars, the Cold War, and America's role in the contemporary world. Emphasis is placed on the evolution of the nation's political and economic institutions, as well as social, cultural, technological, and foreign policy history.

### **HIST 111 - World History to 1500**

54 LEC, 3 UNITS

CSU(C2, D6), UC, IGETC(3B, 4F)

This course surveys world history from the Paleolithic period to the end of the 15th century CE with a particular focus on the interactions between nations and civilizations. Students in this course examine the political, economic, religious, and social structures that shaped civilizations in Mesopotamia, Europe, East and South Asia, Africa, and the Americas, and how they evolved over time and continue to shape our world.

### **HIST 112 - World History Since 1500**

54 LEC, 3 UNITS

CSU(C2, D6), UC, IGETC(3B, 4F)

This course will survey world history from the beginning of the 15th century CE to the present with a particular focus on the

interactions between nations and civilizations. The course will examine the political, economic, religious, and social structures that shaped civilizations in Mesopotamia, Europe, East and South Asia, Africa, and the Americas, and how they evolved over time and continue to shape our world.

### **HIST 120 - Women In American History**

54 LEC, 3 UNITS

CSU(D4, D6), UC, IGETC(4D, 4F)

This course presents a multicultural review of the role, status and contributions of women in American history from colonial times to present. Emphasis is on the political, social, cultural, and economic conditions that produced the attitudes and actions by and about women.

### **HIST 130 - Native American History**

54 LEC, 3 UNITS

CSU(D6), UC, IGETC(4F)

Survey of Native American history from 15th century to the present. Examines Native American cultures, economies and ways of life and their evolution including Spanish, French and British periods of colonization. Course emphasizes Native American responses and resistance to invasion and colonization including the roles of race and racism, self-determination, and sovereignty, as well as the relationships of Native American nations to the Federal Government from 1790 to the present.

### **HIST 135 - African American History**

54 LEC, 3 UNITS

CSU(D), UC, IGETC(4)

The African American Studies course is designed to introduce students to cultural, geographical, historical, environmental, and political issues of the African American experience. Through the interdisciplinary exploration of social conditions, political engagement, intellectual production, and cultural contributions of African Americans, students will gain a greater understanding and appreciation of complex African American experiences and diversity. Using a variety of sources, students will study topics including, but not limited to, African civilizations, slavery and diaspora, the Black experience in the Americas, Civil War and emancipation, Reconstruction, migration, the Civil Rights movement, Black psychology, Black identity and gender, Black literary expression, and contemporary issues facing the Black community, as well as African American influence on U.S. and world culture. Students will also analyze concepts such as race and racism, white supremacy, colonialism, and eurocentrism, as well as the anti-racist and anti-colonial practices and movements within the African American community that have helped create a more just and equitable society for all.

### **HIST 140 - California History**

54 LEC, 3 UNITS

CSU(D6), UC, IGETC(4F)

A survey course of the history and development of California from the pre-contact era to the present. The course covers pre-Columbian, Spanish, Mexican, and American periods tracing the evolution of the state into the agricultural-industrial political economy of today. The course will also examine California governmental institutions, the environmental history of the state, and the historical and present multicultural environment of California. Formerly HIST 040.

### **HIST 170 - Democracy in Practice, Washington DC Week**

36 LEC, 54 LAB, 3 UNITS

CSU

This course will explore "democracy in practice" through lecture and study, plus virtual or in-person attendance and participation in a local government or community political event, and the exploration of Washington, D.C., Monticello, and

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Gettysburg. It will explore the behavior of key actors in national government institutions. It also will examine how individuals and groups can affect and are affected by the institutions and people of national and local government. The course would be especially helpful to any who aspire to a career in education. For students who are participating in the in-person trip, each student shall be required to pay for the cost of airfare, hotel, meals and incidentals for the trip to Washington, in addition to regular college fees. Cross-listed with POL 170..

**HIST 172 - Democracy in Practice Landmarks Of Civil Rights**  
27 LEC, 45 FIELD, 54 LAB, 3 UNITS CSU

This course will explore “democracy in practice” through lecture and discussion, attendance and participation in a community political event, and a fully supervised week visiting prominent places in the history of the Civil Rights Movement in the southern states of the U.S. It will examine how individuals and groups influence major institutional political changes in local, state and national policy. Each student will be required to pay the cost of airfare, hotels, meals, and incidental costs of a ten-day excursion that includes Georgia, Alabama, Mississippi, Arkansas, and Tennessee. Cross-listed with POL172..

**HIST 400 - The American West**  
54 LEC, 3 UNITS

Study of the history of the American West from European contact to the present. Topics will include the role of the US government and the effects of American expansionism with particular focus on the environment, economic development, and conflicts over resources and land as well as the historiography of the West.

## HUMANITIES

**HUMN 100 - Art Appreciation**

54 LEC, 3 UNITS CSU(C1), UC, IGETC(3A)

This course provides a general introduction to art that offers a look at works of art through the study of theory, terminology, themes, design principles, media, techniques, with an introduction to the visual arts across time and diverse cultures. Cross-listed with ART100.

**HUMN 101 - Music Appreciation**

54 LEC, 3 UNITS CSU(C1), UC, IGETC(3A)

In this course, students will explore various composers, types, and elements of music from earliest forms of human music to the present day. This survey course includes topics such as, but not limited to, elements of music, basic musical forms, music periods, styles, and the role of music and musicians in the western world. Cross-listed with MUS 101.

**HUMN 110 - Introduction to Humanities I**

54 LEC, 3 UNITS CSU(C2), UC, IGETC(3B)

An introduction to Western Culture from 3000 BCE to 1500 CE through the lenses of literature, religion, philosophy, politics, architecture, music, and art. Students will gain a deeper understanding of present-day culture through lectures, readings, research and analysis of the arts and literature of the times from the Bronze Age through the Classical Period and the Middle Ages to the Renaissance.

**HUMN 112 - Introduction to Humanities II**

54 LEC, 3 UNITS CSU(C2), UC, IGETC(3B)

An introduction to Western civilization from 1400 CE to the present. Through lecture, research and examples of the fine arts of the times, students will learn of Western civilization's changing culture from the Renaissance to the present, thus enabling the student to better understand his/her own present-day culture.

**HUMN 128 - Film Appreciation**

54 LEC, 3 UNITS CSU(C1), UC, IGETC(3A)

This course introduces students to an analytical and critical survey of film, including thematic interpretation, mise-en-scene, cinematography, and other aspects of film production. Cross-listed as ENGL128.

**HUMN 228 - Novel and Film**

54 LEC, 3 UNITS CSU(C2), UC

This course is a study in literary and cinematic technique focusing on narrative genres and theme. Selected novels are compared to transposed versions on film. Novel types covered: bildungsroman, gothic, detective, post-modern, contemporary. Examples of theme: love and revolution, coming of age, ethnic assimilation, colonialism and consciousness. Lecture, discussion, film viewing. Cross-listed with ENGL228.

**HUMN 291 - Directed Study**

54-270 LAB, 1-5 UNITS CSU

A student may take advanced course work or complete a student designed project in Humanities after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A “Learning Contract for Directed Studies” must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## INFORMATION AND COMMUNICATION TECHNOLOGIES

**ICT 091 - Keyboarding I**

27 LEC, 1.5 UNITS

Introduction to keyboarding skills and techniques. Student will learn to key at 35 words per minute for three minutes. For students with little or no keyboarding experience. Working knowledge of computers, applications, and the Internet strongly recommended.

**ICT 092 - Keyboarding II**

27 LEC, 1.5 UNITS

Intermediate level keyboarding building on the skills and techniques developed in Keyboarding I. Students will learn to key at 50 words per minute for five minutes. For students with existing keyboarding skills. Working knowledge of computers, applications, and the Internet strongly recommended.

**ICT 101 - Computer Literacy**

54 LEC, 3 UNITS CSU

Introduction to computers, the Internet, and common software applications. Topics include computing basics, hardware, peripherals, operating systems, software, and the Internet. Industry standard and alternative word processing, presentation, spreadsheet, and communication applications are covered- including Microsoft Office. For students interested in learning basic applications and who may or may not have an understanding of computer software and hardware. Cross-listed with BUS101.

**ICT 111 - Introduction To Information Technology**

54 LEC, 3 UNITS CSU

Introduction to information technology and computer science. Topics include technology concepts, history of technology, the application and impact of technology, software, hardware, networks, computers, and the Internet. For students who possess basic technology skills but want to learn more about how computers, applications, and the Internet work. Previous

enrollment in DT 100 or working knowledge of computers, applications, and the Internet strongly recommended. Cross-listed with BUS111.

### **ICT 131 - Computer Information Systems**

54 LEC, 3 UNITS

CSU

Examination of information systems and their role in business and organizations. Topics include information systems, database management systems, networking, e-commerce, ethics and security, and computer systems. These topics will be learned and applied through the hands-on development of computer-based solutions to business problems. For all students. Working knowledge of computers, applications, and the Internet strongly recommended. Cross-listed with BUS131.

## **MATHEMATICS**

### **MATH 015 - Intermediate Algebra (Non-STEM majors)**

90 LEC, 5 UNITS

This course is designed to help students develop the skills needed for a non-STEM pathway and to satisfy the requirements of some associate degree programs. It combines topics from elementary and intermediate algebra to provide students with a pathway into Elementary Statistics or other transfer-level non-STEM mathematics courses. Topics include simplifying and evaluating expressions, factoring, solving and graphing linear equations and inequalities, and formatting and solving mathematical relationships of real-world applications.

### **MATH 020 - Intermediate Algebra for STEM Majors**

90 LEC, 5 UNITS

This course is designed to help students develop the skills needed for a STEM pathway and to satisfy the requirements of some Associate Degree programs. Topics include simplifying and evaluating expressions; radicals and rational exponents; solving linear, quadratic, radical, and rational equations; writing equations of lines; graphing lines and parabolas; complex numbers; problem solving techniques; and an introduction to functions.

### **MATH 101 - College Algebra Workshop**

18 LEC, 1 UNITS

This course provides support to students concurrently enrolled in MATH 110 College Algebra and will provide hands-on help with current assignments. Support will focus on essential skills required for success in College Algebra in an environment where students will receive individualized attention. Possible topics include how to perform operations with integers and rational numbers; factoring; graphing; and setting up and solving equations. Help will be provided on current assignments in MATH 110

### **MATH 102 - Statistics Workshop**

18 LEC, 1 UNITS

This course provides hands-on support to students concurrently enrolled in MATH 202 Elementary Statistics in an environment where students will receive individualized attention. Support will focus on essential skills required for success in Elementary Statistics, including how to choose and use appropriate technology; how to perform operations with fractions, decimals, percents, and ratios; rounding and

significant digits; slope and graphing lines; proper notation; and setting up and solving equations. Help will be provided on statistics homework.

### **MATH 108 - Introduction to Trigonometry**

18 LEC, 1 UNITS

CSU

This course is designed to provide students with the fundamentals of trigonometry. Topics include angular measurements in degrees and radians, right triangle and unit circle trigonometry, trigonometric functions and their graphs, inverse trigonometric functions and their graphs, identities, solving trigonometric equations, and proving identities. Various applications of trigonometry will be introduced. Prerequisite or co-requisite: MATH 110.

### **MATH 110 - College Algebra**

72 LEC, 4 UNITS

CSU(B4), UC, IGETC(2A)

This is a college-level algebra course with a real-world, applications approach to algebra topics. This course meets the rigor necessary for students majoring in science or engineering fields. It is designed to provide students with knowledge about polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; analytic geometry. Pre-requisite: Math 020 with C or better, or appropriate placement. *Due to CA state legislation ( AB 705) we will NOT be offering MATH 015 and MATH 020 in 22-23. See your academic advisor for guidance.*

### **MATH 114 - Finite Math**

72 LEC, 4 UNITS

CSU(B4)

This course covers a range of mathematical tools and applications commonly used in business, social sciences, and life sciences. Topics may include linear functions, systems of linear equations and inequalities, linear programming, matrices, mathematics of finance, sets and Venn diagrams, logic, combinatorial techniques, and an introduction to probability. Pre-requisite: Math 015 with C or better, or appropriate placement. *Due to CA state legislation ( AB 705) we will NOT be offering MATH 015 and MATH 020 in 22-23. See your academic advisor for guidance.*

### **MATH 150 - Concepts And Structures Of Mathematics for Educators**

54 LEC, 3 UNITS

CSU, UC

This course focuses on the development of quantitative reasoning skills through in-depth, integrated explorations of topics in mathematics, including real number systems and subsystems. Though emphasis is on comprehension and analysis of mathematical concepts and applications of logical reasoning, material is presented in a way that emphasizes the notion that the mathematical knowledge a teacher needs is different from the knowledge a student or practitioner of mathematics needs. It is a survey of the elements of mathematics taught in elementary grades but from an advanced standpoint. Pre-requisite: Math 015 with C or better, appropriate placement. *Due to CA state legislation ( AB 705) we will NOT be offering MATH 015 and MATH 020 in 22-23. See your academic advisor for guidance*

### **MATH 202 - Elementary Statistics**

72 LEC, 4 UNITS

CSU(B4), UC, IGETC(2A)

The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making processes.

## **GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, social sciences, psychology, life science, health science, and education. Prerequisite: MATH015, 020, or with a grade of "C" or better, or appropriate placement. *Due to CA state legislation (AB 705) we will NOT be offering MATH 015 and MATH 020 in 22-23. See your academic advisor for guidance.*

**MATH 218 - Single Variable Calculus I – Late Transcendentals**  
68-90 LEC, 4-5 UNITS CSU(B4), UC, IGETC(2A)

This is a first course in differential and integral calculus of a single variable. Topics include functions, limits and continuity, techniques and applications of differentiation and integration, and the Fundamental Theorem of Calculus. This class will give students a thorough understanding of the mathematical basis for advanced studies in the fields of mathematics, the sciences, technology, engineering, business, and other related fields. Prerequisite: Completion of MATH110 and MATH108, or equivalent.

**MATH 220 - Single Variable Calculus II – Late Transcendentals**  
72 LEC, 4 UNITS CSU(B4), UC, IGETC(2A)

This is the second course in a sequence for differential and integral calculus of a single variable. Topics include techniques and application of derivatives of inverse and transcendental functions, techniques and applications of integration, infinite sequences and series, and polar and parametric equations. This course builds upon MATH 218 and further strengthens students understanding of the mathematical basis for advanced studies in the fields of mathematics, the sciences, technology, engineering, business, and other related fields.

**MATH 222 - Multivariable Calculus**  
72 LEC, 4 UNITS CSU(B4), UC, IGETC(2A)

This is the third course in a sequence for differential and integral calculus where it moves beyond single variable treatment to coverage of multivariable functions. Topics include the algebra and calculus of vectors, geometry of space, vector valued functions, functions of several variables, partial derivatives, multiple integration, Green's Theorem, Stokes' Theorem, and Divergence Theorem. This class builds upon Math 220 and completes the calculus course of study required for transfer in the fields of mathematics, the sciences, technology, engineering, business, and other related fields.

**MATH 224 - Ordinary Differential Equations**  
72 LEC, 4 UNITS CSU(B4), UC, IGETC(2A)

The course is an introduction to ordinary differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. This course focuses on linear differential equations and their applications in science and engineering. The laws of nature may be expressed as differential equations. Pre-requisite Math 220 with grade of C or better.

**MATH 291 - Directed Study**  
54-270 LAB, 1-5 UNITS CSU

A student may take advanced course work or complete a student designed project in mathematics after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## MUSIC

**MUS 101 - Music Appreciation**  
54 LEC, 3 UNITS CSU(C1), UC, IGETC(3A)

In this course, students will explore various composers, types, and elements of music from earliest forms of human music to the present day. This survey course includes topics such as, but not limited to, elements of music, basic musical forms, music periods, styles, and the role of music and musicians in the western world. Cross-listed with HUMN 101.

**MUS 140 - Mixed Chorus**  
54 LAB, 1 UNITS

Performance-based mixed choral training in vocal skills, ear training and sight-singing, music notation and vocabulary. Technical application of rhythm, melody and harmony in various genres.

**MUS 144 - Treble Voices Choir**  
27 LAB, 0.5 UNITS

Treble vocal ensemble focusing on vocal musicianship and wide variety of three and four part (ssaa) music, as well as a cappella and foreign language selections for public performance.

**MUS 150 - Race and Ethnicity in American Music**  
54 LEC, 3 UNITS

In this course, students will explore the roots of popular music in America and contributions of race and ethnic groups. This course introduces students to Ethnic Studies concepts and theories used to critically analyze the social, political, and cultural dynamics surrounding many musical genres. Students will look at how race and ethnic relations, expressions, and resistance have been key to the evolution of music in America that includes genres such as folk, blues, jazz, rock and roll, and hip hop. Students will consider the evolution of popular music from various perspectives and intersectional theoretical stances, including but not limited to feminism, post/de/anti-colonialism, racialization and representation.

**MUS 291 - Directed Study**  
54-270 LAB, 1-5 UNITS CSU

A student may take advanced course work or complete a student designed project in Music after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## NURSING

**NURS 080 - Intravenous Therapy/Blood Withdrawal**  
36 LEC, 2 UNITS

This course is designed to provide the student with instruction regarding the principles and practices of intravenous therapy and blood withdrawal. Topics include legal aspects, anatomy and physiology regarding intravenous and blood withdrawal, equipment used, assessing and treating complications, blood transfusions, total parenteral nutrition, and parenteral fluids. Certificate of achievement will be issued after the students becomes licensed as a Vocational Nurse. Intravenous sticks cannot be performed on clients until the Board of Vocational Nursing is notified by Feather River College.

**NURS 100 - Nurse's Aide**  
72 LEC, 112 LAB, 6 UNITS CSU

Course prepares students for the roles and responsibilities of the certified nurse assistant and covers the concepts, skills, and procedures for providing patient care in the health care field.

**NURS 102 - Home Health Aide**

40 LEC, 2 UNITS

CSU

This course is designed to provide knowledge and skills necessary for a home health aide to work as part of the home health care team. The focus is on basic human needs, communications, working with ill persons, eldercare, nutrition, special diets, and home management. In addition to classroom instruction, a supervised field practice in clients' homes or an adult care home for a total of 40 hours is required. This course meets the requirements of the Department of Health Services for a certification as a Home Health Aide.

**NURS 111 - Drug Dosage Calculations For Health Providers**

54 LEC, 3 UNITS

CSU

This course covers three major medication dosage calculation methods: ratio and proportion, formula, and dimensional analysis. A solid knowledge base of general mathematics is necessary to be able to use these concepts in calculation of medication dosage calculations. The calculations focus on application to adults and pediatric clients in health care facilities. MATH 304, Pre-Algebra, or equivalent is advised. *Due to CA state legislation ( AB 705) we will NOT be offering MATH 015 and MATH 020 in 22-23. See your academic advisor for guidance.*

**NURS 112 - Nursing Foundations**

36 LEC, 2 UNITS

CSU

An introduction to the study of nursing, which includes understanding the role of the Licensed Vocational Nurse (LVN), developing effective communication skills to better understand patient needs, and identifying medical terminology so as to understand treatments and carry out doctor's orders. Ethical and legal responsibilities of the LVN will also be discussed, as well as concepts of holistic health and transcultural nursing, to prepare students for encounters with people of different cultures. Prerequisites: NURS 100: Nurse Assistant, BIOL110 Human Biology, BIOL112 Human Physiology, HES170, Introduction to Nutrition, NURS 111, Med-Dosage Calculations, and acceptance into nursing program

**NURS 114 - Nursing Foundations Lab**

60 LAB, 1 UNITS

CSU

Laboratory component of Nursing Foundations, which includes assessment, communication techniques, basic skills, and documentation for vocational nursing in health care settings. This course also introduces concepts of transcultural nursing, as well as care of the geriatric patient.

**NURS 116 - Psychological Principles For Nurses**

54 LEC, 3 UNITS

CSU

This course is designed to introduce students to the psychological, social, and cultural needs of patients with mental health disorders. Appropriate coping strategies and communication techniques will be addressed.

**NURS 118 - Medical Terminology**

54 LEC, 3 UNITS

CSU

This online course is designed to introduce the student to the basic terminology used in the health care industry, including the origin, spelling, pronunciation, meaning and current usage of medical terms and the application to those terms within the health care setting. It provides the basis for further advancement in any health care profession.

**NURS 120 - Introduction To Pharmacology**

24 LEC, 1 UNITS

CSU

This is a survey class for in pharmacology, including classes of medications commonly used in nursing. Classes of medications are discussed, with examples from each. Indications, side effects, and dosages are covered with emphasis on nursing process. Prerequisite: Admission to the vocational nursing program.

**NURS 122 - Basic Medical Surgical Nursing**

90 LEC, 5 UNITS

CSU

This is the first in a series of three sequential nursing theory courses. This first course reviews basic anatomy and physiology, and covers the pathophysiology, pharmacology, etiology, diagnosis, and therapeutic interventions related to basic disorders of body systems. Emphasis is placed on applying the nursing process to these disorders, increasing critical thinking skills, and continuing the development of written and verbal communication techniques essential to the Licensed Vocational Nurse role.

**NURS 123 - Basic Medical Surgical Nursing Lab I**

108 LAB, 2 UNITS

CSU

The clinical experience will build upon the theoretical knowledge from the concurrent theory course, NURS 122: Basic Medical Surgical Nursing. Clinical will incorporate hands-on patient care, including patient assessment, taking vital signs, and assisting patients with activities of daily living. Students will practice safe medication administration and begin documenting in the patient's medical record as appropriate. The primary clinical setting will be the skilled nursing facility, however, other patient clinical settings may be utilized to facilitate student learning outcomes depending on facility census, needs, and/or availability.

**NURS 125 - Basic Medical Surgical Nursing Lab II**

192 LAB, 3.5 UNITS

CSU

Directed supervision of clinical component of Basic Medical/Surgical Nursing. Includes direct, transcultural client care, assessment, documentation, and medication administration, within effective communication. Settings include simulation lab, and health care settings

**NURS 200 - Phlebotomy**

54 LEC, 81 LAB, 4.5 UNITS

CSU

This course is approved by the California Department of Public Health and includes classroom instruction and is designed for all beginning students and for phlebotomists with less than 1040 hours of phlebotomy experience. Basic instruction topics include universal precautions, infection control, laboratory and equipment safety, basic anatomy and physiology, medical terminology, and blood collection techniques. Upon successful completion the student is prepared to take the California state examination to become a Certified Phlebotomy Technician I. Student will complete a minimum of 10 skin punctures that fulfill all sampling requirements of all clinical laboratory tests or examinations and 50 venipunctures performed pursuant to Business and Professions Code that fulfill all sampling requirements of all clinical laboratory tests or examinations.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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**NURS 212 - Intermediate Medical Surgical Nursing**

60.5 LEC, 3 UNITS

CSU

This is the second in a three-semester sequence of medical/surgical courses. The intermediate course emphasizes an increasingly complex pathophysiology and the nursing process as related to body systems, including invasive procedures, pharmacology, nutrition, communication, and other nursing interventions.

**NURS 214 - Intermediate Medical Surgical Nursing Lab**

136 LAB, 2.5 UNITS

CSU

Directed supervision of clinical component of Intermediate Medical/Surgical nursing. Includes direct, transcultural client care, assessment, documentation, and medication administration, utilizing effective communication, and current technologies. Settings include simulation lab and health care settings.

**NURS 222 - Advanced Medical Surgical Nursing**

90 LEC, 5 UNITS

CSU

This is the third in a three-semester sequence of medical/surgical courses. The advanced course emphasizes the complex pathophysiology and nursing processes as related to multi-body systems, including invasive procedures, pharmacology, nutrition, communication, and other nursing interventions

**NURS 223 - Advanced Medical Surgical Laboratory I**

102 LEC, 2 UNITS

CSU

Directed supervision of clinical component of advanced Medical/Surgical nursing. Includes direct, transcultural client care, assessment, documentation, and medication administration, utilizing effective communication, and current technologies. The student will apply critical thinking to care of the client. Settings include simulation lab and health care settings. Enrollment Limitation; students must be accepted into the LVN Program.

**NURS 225 - Advanced Medical Surgical Laboratory II**

96 LEC, 1.5 UNITS

CSU

Directed supervision of clinical component of advanced Medical/Surgical nursing. Includes direct, transcultural client care, assessment, documentation, and medication administration, utilizing effective communication, and current technologies. The student will concentrate on clients with multisystem disorders. Settings include simulation lab and acute health care settings. Enrollment is limited to students who have been accepted into the nursing program.

**NURS 232 - Obstetrical Nursing**

36 LEC, 2 UNITS

CSU

This course focuses on the maternal client, introducing the anatomy and function of male and female reproductive systems, normal and abnormal fetal development, nursing care of women with complications during pregnancy, care of mother and infant during normal labor and birth and with complications of labor and birth, postpartum care, and care of the newborn. Enrollment Limitation: students must be accepted into the LVN Program.

**NURS 234 - Obstetrical Nursing Laboratory I**

27 LAB, 0.5 UNITS

CSU

This course is the first of two laboratory components of obstetrical nursing, covering pregnancy, delivery, post-partum, and newborn care. Enrollment Limitation; students must be accepted into the LVN Program.

**NURS 235 - Obstetrical Nursing Laboratory II**

48 LEC, 1 UNITS

CSU

This course is the second of two laboratory components of obstetrical nursing, covering labor and delivery, and post-partum care in acute health care settings. Enrollment is limited to those students accepted into the nursing program.

**NURS 237 - Pediatric Nursing**

36 LEC, 2 UNITS

CSU

This course studies the growth and development of the normal newborn and child, which is used as a basis to study the ill child, and the child with congenital, or developmental abnormalities. Study is concerned with understanding the pathophysiology of pediatric conditions, providing appropriate care using the nursing process, and utilizing transcultural nursing care of the whole family as well as the child. Enrollment is limited to those students who have been accepted into the nursing program.

**NURS 239 - Pediatric Nursing Laboratory I**

33 LAB, 0.5 UNITS

CSU

This course is the first laboratory component of Pediatric Nursing, covering the growth and development of the child, from birth through adolescence. This includes the abnormal development and congenital abnormalities. The student will both observe and participate in nursing skills in a variety of settings.

**NURS 240 - Pediatric Nursing Laboratory II**

48 LAB, 1 UNITS

CSU

This is the second laboratory component of Pediatric, covering the growth and development of the child, from birth through adolescence. This includes the abnormal development and congenital abnormalities. The student will both observe and participate in nursing skills in a variety of settings.

**NURS 280 - Synthesis Of Nursing Concepts**

36 LEC, 2 UNITS

A capstone course designed to enhance the student's ability to perform successfully on the NCLEX-PN licensure examination. Through class discussion and simulated exams, the comprehensive review course will integrate the nursing process, client needs, pharmacology, nutrition, safety, infection control, and legal issues with management of client care, including priorities and delegation, home care, and cultural diversity, reflecting client needs across the life span in a variety of settings. Tips for test taking and success are included.

## NUTRITION, FOODS AND CULINARY ARTS

**NCA 001 - Food Safety And Sanitation**

27 LEC, 1.5 UNITS

This course introduced the laws and regulations governing sanitation and safety in food service. It presents necessary procedures with food, the food production area, equipment and the employee. Food-borne illnesses and their origins are introduced. HAACP and hygiene will be studied. Formerly FACS 197.4

**NCA 002 - Professional Chef Cooking I**

36 LEC, 54 LAB, 2.5 UNITS

Comprehensive introduction to fundamental techniques of food preparation, including those applicable to sauces, meats, poultry, vegetables and baking. Formerly FACS197.14.

**NCA 003 - Professional Chef Cooking II**

36 LEC, 54 LAB, 2.5 UNITS

This course will include more advanced concepts of cooking to include meats, fish poultry, bakery and applications for commercial settings such as catering and buffet planning. Formerly FACS 197.24

**NCA 004 - Food Service Cost Controls**

36 LEC, 2 UNITS

Introduction to tracking quantitative measures in the restaurant business: recipes; inventory; cost of food and beverages, and the analytical tools to assess them for profitability. Formerly FACS 197.5



### **NCA 005 - Skill Development for Employment in Culinary Arts**

240 LAB, 0 UNITS

This course prepares students for employment in the field of culinary arts through experiential learning and the opportunity to practice skills. Students in this class will learn skills around service management in restaurants and other food service operations. Emphasis is placed on skills, professionalism, hospitality, and on the importance of customer satisfaction in food service management. Because of the individualized nature of instruction in this open-entry open-exit course, hours will be scheduled as TBA to allow for flexibility.

### **NCA 010 - Restaurant Operations - Breakfast**

27 LEC, 108 LAB, 3.5 UNITS

In this course, students rotate through all facets of restaurant operation emphasizing breakfast and lunch. Students will refine culinary skills in preparation and serving of hot and cold foods, production, portion control, plating techniques and concepts of teamwork. Formerly FACS 197.15

### **NCA 012 - Catering for the Professional**

27 LEC, 54 LAB, 2.5 UNITS

Students will learn how to price and present catered functions: private parties, luncheons and dinners. Budgeting, portion planning, transport, and presentation will be covered as well as staffing and serving considerations. Formerly FACS 197.8

### **NCA 014 - Stocks and Sauces**

27 LEC, 27 LAB, 2 UNITS

Students will learn how to prepare stocks and understand how they are the foundation of sauces and soups. Students will learn to prepare the basic stocks, soups and sauces on which classic recipes are built. Formerly FACS 197.2

### **NCA 021 - Fundamentals of Baking**

27 LEC, 54 LAB, 2.5 UNITS

This course will introduce the students to the terminology, basic principles and ingredients used in making baked products in a professional setting. Students will prepare basic dough, batters, and pastry items. Proper scaling procedures and baking techniques are emphasized. Formerly FACS 197.3

### **NCA 022 - The World of Breads**

27 LEC, 81 LAB, 3 UNITS

A concentration on the world of yeasted breads: including sandwich, whole grain and artisan breads. Formerly FACS 197.23

### **NCA 025 - The Art of the Wedding Cake**

9 LEC, 54 LAB, 1.5 UNITS

Baking, decorating and assembly of wedding cakes from classic to contemporary. Formerly FACS 197.22

### **NCA 031 - Mexican Cooking**

9 LEC, 27 LAB, 1 UNITS

Provides students with an introduction to food from different regions of Mexico. This course will cover the principles of proper sanitation and equipment use, salsas and sauce production. Marinated and cooked meats, tortillas, soups and other classic and new classic Mexican dishes. Class time will include lecture and work-based, practical learning experience.

### **NCA 170 - Introduction to Nutrition**

54 LEC, 3 UNITS

CSU(E), UC

Physiological, social and psychological factors affecting food intake are examined. The relationship of nutrients to health throughout the life cycle is explored. Cross-listed with HES170

## **OUTDOOR RECREATION LEADERSHIP**

### **ORL 045 - Basic Trail Building Techniques**

9 LEC, 27 LAB, 1 UNITS

Learn to build low maintenance trails in a safe and efficient manner. This class is suitable for students who are interested in trail building jobs or for those wishing to build trails on private land.

### **ORL 046 - Advanced Trail Building Techniques**

9 LEC, 27 LAB, 1 UNITS

Students will learn advanced techniques related to the use of technical equipment to build low maintenance trails in a safe and efficient manner. This class is most suitable for students interested in building mountain trails on public lands.

### **ORL 047 - Trail Building Crew Leadership**

9 LEC, 27 LAB, 1 UNITS

This class is designed for students who have demonstrated strong trail building skills. Leading trail crews requires a variety of leadership and management skills. Students will learn skills related to design, tool care, risk management, and a variety of leadership and management skills such as communication, motivation, and group norm setting.

### **ORL 110 - Introduction To Recreation And Leisure**

54 LEC, 3 UNITS

CSU

An introduction to the history, philosophy and principles of recreation and leisure. Additional topics include the agencies providing programs and an investigation of professional employment opportunities in the broader field of recreation.

### **ORL 116 - Outdoor Recreation Principles**

36 LEC, 54 LAB, 3 UNITS

CSU

The course is designed to prepare students for backcountry travel and other classes in the Outdoor Recreation Leadership Program. The course is also intended to expand knowledge of and appreciation for the natural environment and the agencies that manage public lands so that safe, responsible and enjoyable outdoor adventures are possible.

### **ORL 120 - Recreation Program Planning**

36 LEC, 54 LAB, 3 UNITS

CSU

This course will equip students with a variety of program and event planning methodologies and skills. Emphasis is placed on the planning, organization, implementation and evaluation of recreation programs. Theories and philosophies are applied in an experiential setting. Field work is required.

### **ORL 130 - Adventure Based Outdoor Recreation**

36 LEC, 216 LAB, 6 UNITS

CSU, UC

Students participate in a variety of field based activities aimed at improving teaching and leading skills in a outdoor adventure activities including: Whitewater kayaking and rafting; backpacking; winter travel and camping techniques; cross-country and Telemark skiing; as well as rock climbing and mountaineering techniques. A majority of the class time

#### **GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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is spent in field based activities. Students must be prepared to spend time in mountain environments being physically active in a variety of weather conditions.

#### **ORL 140 - Beginning Sea Kayaking**

9 LEC, 27 LAB, 1 UNITS

CSU

This class is designed to introduce participants to the skills and techniques of sea kayaking. Students will be exposed to the fundamentals of sea kayak touring, including equipment use, proper paddling techniques, maneuvers, self and assisted rescue, and group traveling techniques. These skills will be learned in the classroom and applied on the water with an emphasis on learning safe and efficient techniques which can all be later applied to the ocean environment. Class will be conducted on local lakes and reservoirs.

#### **ORL 142 - Intermediate Sea Kayaking**

9 LEC, 27 LAB, 1 UNITS

CSU

Students will continue to develop their sea kayak touring skills by adding expedition techniques. A multi-day expedition will expose participants to the equipment and methods used to ensure a safe and enjoyable trip. Skills include advanced maneuvers, advanced rescue techniques, navigation, proper campsite selection, group travel techniques, and boat / equipment care and maintenance. Opportunities to work on Eskimo roll. Discussion of tides, currents and other ocean elements will be included.

#### **ORL 144 - Backcountry Ski And Snowboard**

9 LEC, 27 LAB, 1 UNITS

CSU

In addition to skiing and snowboarding skills, traveling safely in the winter backcountry requires additional skills. This course provides students with a breadth of knowledge related to these skills. This class requires that students are in a physical condition which allows them to exercise vigorously at high elevations. This class assumes that students know how to ski or snowboard.

#### **ORL 145 - Intermediate Backcountry Ski And Snowboard**

9 LEC, 27 LAB, 1 UNITS

CSU

This class is designed for skiers and snowboarders who have some knowledge of principles related to safe travel in winter backcountry environments. Students will utilize knowledge from previous classes, personal experience, and course materials to make decisions for themselves and the groups they are participating with. Successful students will demonstrate an ability to make appropriate decisions based on information and data available to backcountry travelers. Students will also improve skills related to route selection, mapping, weather forecasting, avalanche forecasting, avalanche rescue, and group travel.

#### **ORL 146 - Beginning Alpine Skiing**

9 LEC, 27 LAB, 1 UNITS

An introductory course designed for students interested in learning basic competencies related to alpine skiing. Content includes an introduction to the following concepts, skills, and techniques: equipment and clothing, body position, sequential learning of basic skills, fall line skiing, and skiing in difficult snow conditions. This course will include instruction at a ski area as well as in the backcountry.

#### **ORL 148 - Intermediate Alpine Skiing**

9 LEC, 27 LAB, 1 UNITS

A course designed to enhance student skills related to alpine skiing. Specifically, students will attempt to improve skills related to skiing variable conditions on progressively steeper terrain. Upon successful completion of the class, students will be prepared to instruct beginning skiers.

#### **ORL 150 - Beginning Whitewater Rafting**

9 LEC, 27 LAB, 1 UNITS

CSU, UC

An introductory course designed for students interested in learning basic competencies related to effective travel in a whitewater raft. Content includes an introduction to the following skills and techniques: paddling, clothing and equipment, self-rescue, commands for navigation, basic safety, and logistical planning. Students should be prepared to spend time in cold water in a variety of weather conditions.

#### **ORL 152 - Beginning Whitewater Raft Guide**

18 LEC, 54 LAB, 2 UNITS

CSU, UC

Students in this class will learn how to logistically organize their own rafting trips. Students will enhance their ability to navigate intermediate whitewater as the guide of an inflatable raft. Students will be prepared for entry level work as commercial guides. Content includes group organization, guide commands, giving a safety talk, safety and rescue, fundamental hydrology, and raft guiding techniques. Ninety percent of class time is spent on the river. Students must be prepared for participation in all types of weather on a variety of whitewater rivers.

#### **ORL 153 - Intermediate Whitewater Raft Guide**

18 LEC, 54 LAB, 2 UNITS

CSU

This course is designed for students who have some experience with whitewater raft guiding. Students who have commercial experience guiding paddle rafts and/or students who have completed Beginning Whitewater Raft Guiding will further develop their rafting and river leadership skills. Successful students will learn to do the following: row using oars and frames; set safety in a whitewater river setting; conduct efficient and effective rescues; and lead a group of rafts on a river experience. Students must exhibit a level of fitness which allows them to swim in whitewater and in cold rivers.

#### **ORL 154 - Canoe And Stand-Up Paddle Board**

9 LEC, 27 LAB, 1 UNITS

CSU, UC

An introduction to flat-water paddle sports, including canoeing and stand-up-paddle boarding (SUP). Course is designed for students interested in learning basic competencies related to safe travel in canoes and SUPs. Content includes paddling techniques, clothing and equipment, self-rescue, navigation, logistical planning, and knots. May be an expedition or day trips, depending on the year.

#### **ORL 156 - Beginning Rock Climbing**

9 LEC, 27 LAB, 1 UNITS

CSU, UC

An introduction to the basic principles of top roped rock climbing. Students will learn to ascend steep rock in a safe and efficient manner. Content will include a basic introduction to equipment, systems, anchors, movement, and safe climbing practices.

#### **ORL 158 - Intermediate Rock Climbing**

9 LEC, 27 LAB, 1 UNITS

CSU, UC

In addition to advanced discussions related to moving over stone, students will develop skills related to placing protection, building anchors, ascending a fixed line, and lead climbing.

#### **ORL 159 - Climbing Wall Instructor**

9 LEC, 27 LAB, 1 UNITS

This course is designed to train climbing wall instructors for the Outdoor Recreation Leadership's campus and community climbing wall. This climbing wall Instructor course is intended for individuals who facilitate climbing experiences, instruct climbing skills, and/or monitor climbing activities.

#### **ORL 160 - Beginning Backpacking**

9 LEC, 27 LAB, 1 UNITS

CSU, UC

An introduction to the basic principles of backpacking. Students will learn to visit backcountry environments for extended stays. Content will include a basic introduction to equipment

and clothing, navigation with topographic maps, Leave No Trace principles, time / energy control planning, trip planning, campsite selection, trail techniques, and camp cooking.

#### **ORL 161 - Intermediate Backpacking**

9 LEC, 27 LAB, 1 UNITS

CSU, UC

A class designed for students who have obtained basic competencies related to backpacking and backcountry travel. Content will include a more advanced survey of equipment and clothing, navigation with map and compass, Leave No Trace principles, time / energy control planning, trip planning, campsite selection, trail techniques, and camp cooking.

#### **ORL 162 - Mountaineering**

9 LEC, 27 LAB, 1 UNITS

CSU, UC

An introductory course designed for students interested in learning basic competencies related to safe travel in alpine environments. Appropriate for aspiring guides, Search and Rescue team members, and recreational mountaineers. Content includes an introduction to the following skills and techniques: Equipment and clothing for the mountaineer, self-arrest, hiking techniques, ascending a fixed line, basic knots, navigation, mountain weather, basic first aid, seated glissade, and anchors and belay systems.

#### **ORL 166 - Mountain Biking**

9 LEC, 27 LAB, 1 UNITS

CSU, UC

An introduction to the basic principles of mountain biking. Students will learn to ride mountain bikes in a safe and efficient manner. Content will include a basic introduction to equipment, techniques, repairs, group management, and route finding.

#### **ORL 167 - Intermediate Mountain Biking**

9 LEC, 27 LAB, 1 UNITS

A class designed for students who have developed basic competencies in mountain biking. Students will build upon their cycling skills related to ascending and descending on a variety of terrain types. Content will include a more advanced survey of equipment, techniques, repairs, group management, and route finding.

#### **ORL 168 - Cross-Country Skiing**

9 LEC, 27 LAB, 1 UNITS

CSU, UC

An introduction to the basic principles of cross-country skiing. Students will learn to tour over a variety of terrains in winter conditions. Content will include a basic introduction to equipment and techniques. The course is field based.

#### **ORL 170 - Telemark Skiing**

9 LEC, 27 LAB, 1 UNITS

CSU, UC

An introductory course designed for students interested in learning basic competencies related to Telemark skiing. Content includes an introduction to the following: concepts, skills, and techniques: Equipment and clothing, body position, sequential learning of basic skills, fall line skiing, and skiing in difficult snow conditions. Students must be sufficiently fit to ski at a ski area and in the winter mountain backcountry.

#### **ORL 171 - Intermediate Telemark Skiing**

9 LEC, 27 LAB, 1 UNITS

CSU

This class is designed for students who have some experience skiing using a Telemark or Nordic style. The Telemark turn allows skiers to descend using a free heel ski. The emphasis for this class is on developing higher level skills related to descents

in the winter backcountry using Telemark turns. Students must be prepared for long, physical days occurring at high elevation in winter environments.

#### **ORL 172 - Beginning Whitewater Kayaking**

9 LEC, 27 LAB, 1 UNITS

CSU, UC

This course is designed for people who are comfortable in the water but have no experience related to whitewater kayaking. We will begin by learning the kayak roll and proceed through a gradual progression that will allow students to kayak through whitewater rapids by the end of the course. Students must be sufficiently fit to spend three consecutive days actively participating.

#### **ORL 174 - Intermediate Whitewater Kayaking**

9 LEC, 27 LAB, 1 UNITS

CSU, UC

This class is designed for students who possess basic skills related to whitewater kayaking. If you have a roll and understand basic strokes and maneuvers, this class will allow you to proceed with more advanced skills. Students will learn basic kayak safety and rescue, advanced principles related to peel outs, eddy turns, and ferries, and a variety of kayak play techniques. Students must be sufficiently fit to spend three full days actively paddling on whitewater rivers.

#### **ORL 180 - Wilderness First Responder**

18 LEC, 54 LAB, 2 UNITS

CSU

Students will learn to respond to medical emergencies in the backcountry. This course focuses on identifying symptoms and providing treatments in the backcountry given minimal first aid resources. An emphasis is placed on methods for improvising and problem solving during medical emergencies. Successful completion of the class satisfies protocols from the Wilderness Medical Society and includes certification as a Wilderness First Responder through Sierra Rescue.

#### **ORL 182 - Swiftwater Rescue Technician Level I**

9 LEC, 27 LAB, 1 UNITS

CSU

A course designed to teach river-running enthusiasts, Search and Rescue team members, and Emergency Responders, skills related to safe travel and rescue in swift water. Course content includes rope-rigging systems, rescuer/ victim psychology and physiology, boat handling, patient trauma treatment, and swimming techniques. Successful completion of the course will result in American Canoe Association Swiftwater Rescue Technician I certification.

#### **ORL 188 - Wilderness First Responder Recertification**

9 LEC, 27 LAB, 1 UNITS

CSU

Recertification courses are focused on skills labs and scenarios with little lecture time. We offer CPR certification with this course. Students refresh skills related to their Wilderness First Responder training and certification.

#### **ORL 190 - Avalanche Technician Level I**

9 LEC, 27 LAB, 1 UNITS

CSU

This course is designed for aspiring professional guides, emergency response professionals, and recreational skiers and snow boarders who choose to spend time in avalanche terrain. Students will learn to evaluate snow pack stability, choose safe routes for winter travel, and respond to accidents involving avalanche.

#### **GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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### **ORL 192 - Swiftwater Rescue Technician Advanced**

9 LEC, 27 LAB, 1 UNITS CSU  
Swiftwater Rescue Technician Advanced (SRTA) integrates techniques learned in SRT 1 and TRR: TL, taking the students beyond the emphasis on self-rescue to concentrate on victim rescue. This three-day course combines advanced water rescue techniques with rope skills. Students are exposed to more complex water rescue situations culminating in the completion of a mock night river rescue scenario and a tyrolean with a mid-point drop pick-off rescue. Upon completion of this class student will be an approved National Fire Protection Agency (NFPA) rope and water rescue technician.

### **ORL 200 - Outdoor Recreation Leadership**

36 LEC, 54 LAB, 3 UNITS CSU  
A study of leadership as it pertains to recreation. This course allows students do develop as recreation leaders by providing a theoretical framework of leadership theory and experiential learning as recreation leaders. Emphasis is placed on appropriate theories and techniques for addressing the needs of a variety of clientele in an outdoor setting.

### **ORL 280 - Professional Development Seminar**

18 LEC, 1 UNITS CSU  
This interdisciplinary class, which is taken toward the end of a student's ORL studies, has two broad objectives: (1) to synthesize information gathered in courses required for the ORL major; and (2) to develop skills in seeking out, applying to, and interviewing for continued education and/or employment in outdoor recreation fields. Cross-Listed with ENVR280

### **ORL 291 - Directed Study**

54-270 LAB, 1-5 UNITS CSU  
A student may take advanced course work or complete a student designed project in Outdoor Recreation Leadership after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor and Chief Instructional Officer, and placed on file with the Office of Instruction.

### **ORL 299 - Special Topics In Outdoor Recreation Leadership**

4.5-9 LEC, 13.5-27 LAB, 0.5-1 UNITS  
Selected topics that develop knowledge of recreational resources, activities, and issues.

## **PHILOSOPHY**

### **PHIL 100 - Introduction To Philosophy**

54 LEC, 3 UNITS CSU(C2), UC, IGETC(3B)  
An introduction to philosophy with emphasis on identifying and evaluating central themes and issues within the history of philosophy. In this course, students are encouraged to critically evaluate their own philosophical concepts as they explore early to modern philosophy. Topics include: Ethics, Metaphysics, Epistemology, philosophy of religion, and contemporary philosophy.

### **PHIL 101 - Logic**

54 LEC, 3 UNITS CSU(A3, C2), UC  
Students will be introduced to principles of formal and informal reasoning. Propositional logic, a system for deductive logical analysis, is discussed. This will include symbolization, tests for logical validity, and natural deduction proofs. Students will also examine other critical thinking topics including meaning and definition, ordinary language argument diagramming, informal fallacies, scientific and other hypothetical reasoning, and cognitive biases.

### **PHIL 102 - Introduction to Ethics**

54 LEC, 3 UNITS CSU(A3, C2), UC, IGETC(3B)  
Introduction to philosophical analysis of ethics/morality and the formal principles of theorizing and reasoning values in personal and social contexts. Course will present various approaches within the field of philosophy and their applications to contemporary moral issues (such as abortion, euthanasia, censorship, and capital punishment).

### **PHIL 103 - Philosophy Of Religions**

54 LEC, 3 UNITS CSU(C2), UC, IGETC(3B)  
A philosophical analysis and study of religious practices, beliefs, and rituals in the human community. This course will trace the origins, cosmology, sacred texts, and essential teachings of various world religions, as well as outline the present and historical practices of major religions, including Judaism, Christianity, Islam, Hinduism, Confucianism, Taoism, Buddhism, Sikhism, and others.

## **PHYSICAL SCIENCE**

### **PHSC 120 - Introduction To Astronomy**

54 LEC, 3 UNITS CSU(B1), UC, IGETC(5A)  
Survey of the science of astronomy. A comprehensive, non-technical introduction to astronomy, including discussion of the structure and evolution of the solar system, stars, galaxies, and universe.

### **PHSC 120L - Introduction to Astronomy Lab**

54 LAB, 1 UNITS CSU(B3), IGETC(5C)  
An introductory lab course designed to enable students to learn about scientific processes and observational methods. Students will become familiar with the night sky, use telescopes and related equipment, and engage in laboratory activities relevant to astronomy including Newton's and Kepler's laws, optics, and spectroscopy. Field observations will include planets, stars, nebulae, the moon, and the sun; as well as the recording and analysis of occultation events involving asteroids or Kuiper belt objects.

## **PHYSICS**

### **PHYS 102 - General Physics I**

54 LEC, 54 LAB, 4 UNITS CSU(B1, B3), UC, IGETC(5A, 5C)  
This is an introductory course in physics that covers kinematics, dynamics, work and energy, momentum, fluids, mechanics, thermodynamics, vibrations and wave motion using algebra. This course is the first semester of a two-semester sequence. Advisory - MATH 108 Introduction to Trigonometry.

### **PHYS 104 - General Physics II**

54 LEC, 54 LAB, 4 UNITS CSU(B1, B3), UC, IGETC(5A, 5C)  
An introductory course in physics that will cover electricity and magnetism, light and optics, and modern physics. Second part of a two-semester sequence. Pre-requisite PHYS 102.

### **PHYS 140 - Introduction to Chemistry and Physics**

54 LEC, 54 LAB, 4 UNITS CSU(B1, B3)  
An investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions. The inter-dependence of chemistry and physics will be emphasized. This course is intended for non-science majors.

### **PHYS 202 - Physics Scientists/Engineers I**

54 LEC, 54 LAB, 4 UNITS CSU(B1, B3), UC, IGETC(5A, 5C)  
A rigorous course in physics that will cover mechanics, vibrations and wave motion using calculus at a level appropriate for science and engineering majors. Co-requisite - 1 semester of college level calculus (MATH 218 or 220). Advisory -Completion

of 1 semester of calculus and concurrent enrollment in second semester calculus is highly recommended.

### **PHYS 204 - Physics for Scientists and Engineers II**

54 LEC, 54 LAB, 4 UNITS CSU(B1, B3), UC, IGETC(5A,5C)

This course, intended for students majoring in physical sciences and engineering, is part of a three-semester course whose contents may be offered in other sequences or combinations. Core topics include electrostatics, magnetism, DC and AC circuits, and Maxwell's equations. Co-requisite: Math 222

### **PHYS 206 - Physics for Scientists and Engineers III**

54 LEC, 54 LAB, 4 UNITS CSU(B1, B3), UC, IGETC(5A,5C)

This course, intended for students majoring in physical sciences and engineering, is part of a three-semester course whose contents may be offered in other sequences or combinations. Core topics include optics and modern physics. Pre-requisite PHYS 202. Co-requisite - 2 semesters college-level calculus. Advisory - Completion of second semester calculus and concurrent enrollment in third semester calculus (if Physics 206 is taken before Physics 204).

## **POLITICAL SCIENCE**

### **POL 101 - American Government and Politics**

54 LEC, 3 UNITS CSU(D8), UC, IGETC(4H)

This course is an introduction to national and California state government and politics, including their constitutions, political institutions and processes, and political actors. Topics examined include the constitutional foundations, the institutions and structures of government, individual liberties and rights, and the politics in government including the role of interest groups, political parties, the function of campaigns and elections, and policy-making. Throughout the course, students will consider important issues facing democracy in the United States.

### **POL 110 - Introduction to Political Theory and Thought**

54 LEC, 3 UNITS

This course is an introduction to classical and contemporary political thought and theory. Students will use theoretical approaches to politics to examine basic political problems and proposed solutions. Students will learn to think and discuss critically, about both classic and modern issues in politics, such as debates over individual versus community rights, freedom, equality and distributional justice, environmental sustainability, the "rights" of nature and non-human life, power, sovereignty and the state, etc.

### **POL 120 - Comparative Politics**

54 LEC, 3 UNITS

This course introduces students to comparative analyses used to examine different political systems in the world. This includes looking into the history, political institutions, processes and policies in developed and developing world contexts.

### **POL 130 - Introduction to International Relations**

54 LEC, 3 UNITS CSU(D8), IGETC(4H)

Students in this course will be introduced to theories of international relations and use these theories to examine the international political system and its actors. Students will look at debates surrounding the role of the nation-state in the 21st century, the power of non-state and sub-national actors in topics such as war, peace, diplomacy, human rights, environmental issues, international law, and the international political economy.

### **POL 140 - Introduction to Race and Ethnicity**

54 LEC, 3 UNITS CSU(D, F), UC, IGETC(4H, 4C)

This course is an introduction to sociological and political approaches to race, and ethnicity, and an examination of the cultural, political, and economic practices and institutions that support or challenge racism and inequality. This course explores the historical and contemporary interactions between various racial and ethnic groups, as well as struggles for rights, equality, and equity by using a range of various perspectives and theories. This examination and analysis of power includes using anti-racist approaches to understanding ongoing issues of discrimination and prejudice in order to create a more equitable society. Cross-listed with SOC140 and ETHN 140.

### **POL 150 - Introduction to Political Science**

54 LEC, 3 UNITS CSU(D8), UC, IGETC(4)

This course is an introduction to political science that explores the development of political science as a field of study by looking at its subfields, theoretical foundations, and the basic political concepts and methods used to examine political systems, structures, institutions, political ideologies and political behavior.

### **POL 160 - Globalization**

54 LEC, 3 UNITS CSU(D7, D0), UC, IGETC(4J, 4G)

Students in this course learn about what makes the world so interconnected. This includes historical, political, economic, and cultural processes and structures. Understanding this fascinating web of global connections starts with history and how we arrived at today's global economy. In the 21st century globalization goes beyond the political economy and includes environmental issues, human rights, and approaches to development. Cross-listed with SOC160.

### **POL 170 - Dem. In Practice, Washington DC Week**

36 LEC, 54 LAB, 3 UNITS CSU

This course will explore "democracy in practice" through lecture and study, plus virtual or in-person attendance and participation in a local government or community political event, and the exploration of Washington, D.C., Monticello, and Gettysburg. It will explore the behavior of key actors in national government institutions. It also will examine how individuals and groups can affect and are affected by the institutions and people of national and local government. The course would be especially helpful to any who aspire to a career in education. For students who are participating in the in-person trip, each student shall be required to pay for the cost of airfare, hotel, meals and incidentals for the trip to Washington, in addition to regular college fees. Cross-listed with HIST 170..

### **POL 172 - Dem. In Practice Landmarks Of Civil Rights**

18 LEC, 108 LAB, 3 UNITS CSU

This course will explore "democracy in practice" through lecture materials, discussions, and videos. The course will examine how individuals and groups influence major institutional political changes in local, state and national policy. Participation in a community political event is an integral part of the course. Students will visit prominent places in the history of the Civil Rights Movement in the southern states of the U.S., either virtually or in-person. For students who are participating in the in-person trip, each student shall be required to pay for the cost of airfare, hotel, meals and incidentals for the trip to Washington, in addition to regular college fees. Cross-listed with HIST172..

## **GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated to the right of the unit value of each course. The IGETC pattern applies to both the California State University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 47-48) or meet with an academic advisor for clarification.

## **POL 180 - Environmental Policy**

54 LEC, 3 UNITS

CSU(D8), UC

A comprehensive analysis of the laws and policies that affect water, land, air, fire, wildlife, and vegetation in the American West. The class will examine the federal land management agencies (history, mission, policies), and issues specific to wilderness, wildlife, timber, grazing, water, and mining. Cross-listed with ENVR 180.

## **PSYCHOLOGY**

### **PSY 102 - Introductory Psychology**

54 LEC, 3 UNITS

CSU(D9, E), IGETC(4I)

Psychology is the scientific study of behavior and mental processes. In this course, students explore major psychological theories and concepts, methods, and research findings in psychology. The course covers topics including 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.

### **PSY 152 - Psycho Pathology Of Serial Killers And Mass Murderers**

54 LEC, 3 UNITS

CSU

Provides a historical examination and analysis of serial, mass, and spree homicides. Examines theories on the motives for these types of murders. Studies the historical application of the law to homicide and murder cases. Examines the detection, investigation and prosecution of murder cases including the analysis of forensic evidence in homicide cases. Explores the criminal justice system's capabilities of responding to multiple murder cases as well as society's response. Cross-listed with ADMJ 152.

## **SOCIOLOGY**

### **SOC 100 - Sex, Gender, and Society**

54 LEC, 3 UNITS

CSU(D0, D4), UC, IGETC(4D, 4F)

This course introduces students to a sociological analysis of the social construction of gender, masculinity, and femininity historically and cross-culturally. Students will be introduced to approaches, methods, theories, and feminist perspectives to analyze a range of social issues affecting individuals of diverse backgrounds. The course focuses on how gender intersects with race, class, sexuality, dis/ability, age, religion, and other systems of difference to shape individual and group experiences in society. SOC100.

### **SOC 102 - Introduction to Sociology**

54 LEC, 3 UNITS

CSU(D0), UC, IGETC(4J)

This course is an introduction to sociological concepts, perspectives, theories, and research methods. Students will study the individual's relationship with society by analyzing socialization and the self, group dynamics, social stratification, diversity, social change, and social institutions in various cultural contexts.

### **SOC 125 - Introduction to Statistics in Sociology**

54 LEC, 3 UNITS

This is a course about how statistics is used to answer questions in the research areas of sociology and related social sciences. Students will learn introductory statistics, emphasizing appropriate applications in social science research, through the

exploration of topics such as basic research design, probability and sampling distributions, descriptive and inferential statistics including Z scores; linear correlation; regression; t-tests; analysis of variance; and chi-square. Students will use statistical software specific to sociology and/or other social science data to analyze social issues and learn how to report results using APA style.

### **SOC 140 - Introduction to Race and Ethnicity**

54 LEC, 3 UNITS

CSU(D3,D8, F), UC, IGETC(4H, 4C)

This course is an introduction to sociological and political approaches to race, and ethnicity, and an examination of the cultural, political, and economic practices and institutions that support or challenge racism and inequality. This course explores the historical and contemporary interactions between various racial and ethnic groups, as well as struggles for rights, equality, and equity by using a range of various perspectives and theories. This examination and analysis of power includes using anti-racist approaches to understanding ongoing issues of discrimination and prejudice in order to create a more equitable society. Cross-listed with POL and ETHN 140.

### **SOC 150 - Social Trends and Problems**

54 LEC, 3 UNITS

CSU(D0), UC

This course examines contemporary social trends and problems in U.S. institutions, including: (1) the role of power and ideology in the definition of social problems, (2) their causes and consequences, (3) evaluations of proposed solutions, and (4) methods of intervention. Topics include crime, delinquency and violence, social inequality, family, race relations, education, environmental degradation, drugs and alcohol, and health care, among others.

### **SOC 160 - Globalization**

54 LEC, 3 UNITS

CSU(D0, D7), UC, IGETC(4G, 4J)

Students in this course learn about what makes the world so interconnected. This includes historical, political, economic, and cultural processes and structures. Understanding this fascinating web of global connections starts with history and how we arrived at today's global economy. In the 21st century globalization goes beyond the political economy and includes environmental issues, human rights, and approaches to development. Cross-listed with POL160.

## **SOCIAL JUSTICE**

### **SOJU 100 - Sex, Gender, and Society**

54 LEC, 3 UNITS

This course introduces students to a sociological analysis of the social construction of gender, masculinity, and femininity historically and cross-culturally. Students will be introduced to approaches, methods, theories, and feminist perspectives to analyze a range of social issues affecting individuals of diverse backgrounds. The course focuses on how gender intersects with race, class, sexuality, dis/ability, age, religion, and other systems of difference to shape individual and group experiences in society. SOC100.

### **SOJU 130 - Introduction to Queer Studies**

54 LEC, 3 UNITS

This course introduces students to Lesbian, Gay, Bisexual, Transgender, and Queer (LGBTQ) studies. It explores how LGBTQ individuals and communities are impacted by various social, cultural, historical, and political factors. Topics include

### **GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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politics of sexuality and sexual identities; forms of oppression including heterosexism, homophobia, and transphobia, as well as resistance to oppression, violence against LGBTQ individuals and communities, and queer activism. This course also includes contemporary issues in families, education, religion, and the law.

## SOCIAL WORK AND HUMAN SERVICES

### SWHS 110 - Introduction to Social Work and Human Services

54 LEC, 3 UNITS

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.

### SWHS 120 - Fieldwork/Practicum: Social Work and Human Services

54 LEC, 3 UNITS

This course offers the student a supervised field experience in a community organization, agency, or institution, allowing the student to apply knowledge and learn new skills outside of the classroom environment. A weekly class meeting provides the academic element to this experiential course offering and reinforces the application of concepts gained in the prerequisite course, SWHS 110. This course is designed to provide the student with an opportunity to develop skills that would facilitate gaining employment in the human services field.

## SPANISH

### SPAN 101 - Beginning Spanish

72 LEC, 4 UNITS

CSU(C2), UC

Introduction to the language through study and practice in listening, speaking, reading and writing Spanish. Designed to instruct in basic pronunciation, grammar and conversation. Includes an introduction to Spanish speaking cultures.

### SPAN 102 - Beginning Spanish II

72 LEC, 4 UNITS

CSU(C2), UC, IGETC(6A)

Continued emphasis upon listening and speaking combined with grammatical practice, reading and writing. Includes Aural-oral practice with audio, video, and/or CD "tapes." Continuation of Spanish 101. Formerly SPAN 001B (Changed between 1987-90). Prerequisite: Completion of SPAN 101, or equivalent, with a "C" or better.

### SPAN 201 - Intermediate Spanish I

72 LEC, 4 UNITS

CSU(C2), UC, IGETC(6A)

Spanish 201 is a course designed for students who have successfully completed Spanish 101 and 102 or two years of high school Spanish. The course provides intensive comprehensible input in Spanish, increasing the level of vocabulary, sentence structure, and syntax to enhance the development of language skills. The student will practice listening, speaking, reading, and writing Spanish through the use of personalized questioning techniques, personalized situations, and retelling and writing stories and essays in different perspectives. Hispanic cultures will be presented utilizing cultural videos, popular and folk music, realia, and novels. Grammatical concepts are embedded in input content and presented in context. The methods used in this class address national foreign language standards, the eight intelligences and all learning styles.

### SPAN 204 - Intermediate Spanish II

72 LEC, 4 UNITS

CSU(C2), UC, IGETC(6A)

This course builds on the skill and knowledge developed in Spanish 201, but adds new information in the past tense subjunctive and other areas. The class also includes reading, writing, open discussion and viewing videos in Spanish. Grammar

concepts are taught both by themselves and in relation to the other activities in class. Knowledge or appropriate background that equates to Spanish 201 is acceptable for entrance into the course.

### SPAN 291 - Directed Study

54-270 LAB, 1-5 UNITS

CSU

A student may take advanced course work or complete a student designed project in Spanish after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## THEATRE ARTS

### THEA 105 - Introduction to Acting

36 LEC, 54 LAB, 3 UNITS

CSU(C1), UC

This course introduces students to acting principles, techniques and application. Students will learn skills such as body movement, voice control, diction, facial expression, and characterization.

### THEA 106 - Advanced Acting

36 LEC, 54 LAB, 3 UNITS

CSU(C1), UC

This course follows Introduction to Acting (Acting I) and continues the exploration of theories and techniques used in preparation for the interpretation of drama through acting. Emphasis will be placed on deepening the understanding of the acting process through character analysis, monologues, and scenes.

### THEA 114 - Drama Workshop (Technical Theatre)

9-36 LEC, 27-108 LAB, 1-4 UNITS

CSU, UC

Students will gain practical experience in the application of production responsibilities in any of the following: stage management, house management, construction, scenery, properties, costume, lighting, sound, makeup, costume, and running crews.

### THEA 140 - Drama/Comedy Production

9-36 LEC, 27-108 LAB, 1-4 UNITS

CSU, UC

Students in this course participate in the rehearsal, performance and staging of a comedy or drama production. The theatre activities in this course are for the beginner or expert in acting and for students who desire to act in plays for public performance. Participation in the main stage production will be determined by the needs of each play.

### THEA 142 - Musical Production

9-36 LEC, 27-108 LAB, 1-4 UNITS

CSU, UC

Students in this course participate in the rehearsal, performance and staging of a comedy or drama production. The theatre activities in this course are for the beginner or expert in acting and for students who desire to act in plays for public performance. Participation in the main stage production will be determined by the needs of each play.

## TUTOR

### TUTR 003 - Supervised Tutoring

108 LAB, UNITS

Problem No Units

A tutorial course to assist those students who desire to refine abilities and skills in any established subject area taught by the college. Students needing assistance will be tutored by skilled tutors in the desired subject area. Open entry/open exit. Non-credit.

# CAMPUS CONTACT INFORMATION





## CAMPUS EXTENSIONS

Call (530) 283-0202, and the extension:

Academic Advising/Counseling .....	215, 313	FROG (Feather River Outings Group) .....	216
Accounts Payable .....	231	Human Resources .....	280,257, 357
Adaptive Technology.....	263	Information Services .....	206,210,246, 259
Administration of Justice.....	321	Instruction Office .....	242, 321, 214
Admissions & Records .....	291, 292, 222, 285	Instructional Media Lab (DSPS).....	255
Agriculture/Equine Studies.....	272	Instructional Resource Center .....	254, 245, 217
Art Lab.....	240	Library.....	236, 226, 211
Arts & Sciences Division Chair.....	202	Maintenance Department.....	307,259,323
Associate Faculty Office .....	343	Nursing Program .....	235
Associated Students (ASFRC).....	319	Outdoor Recreation Leadership .....	275
Athletics Office.....	295, 274	Marketing Outreach/Recruiting .....	315, 324
Baseball .....	208, 229, 209	Payroll .....	230
Basketball, Men's.....	278	Personnel.....	280, 257, 357
Basketball, Women's.....	320	Photo Lab.....	240
Business Services.....	270, 290, 289, 230, 231	President/Superintendent.....	233,232
Bookstore .....	271	Purchasing.....	231
Cafeteria (Eagle's Perch).....	359	Rodeo .....	306
Child Development Center.....	281, 337 or 283-0521	Science Building .....	219
Disability Support Program for Students.....	255, 247, 263, 318	Soccer (Men's and Women's).....	212
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Environmental & Earth Sciences.....	308	Student Services Office .....	317, 273
Environmental Studies .....	262	Transfer Center .....	215, 313
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Equine Studies/AG.....	272	Upward Bound Outreach .....	266, 276
Facilities Department .....	259, 307, 323		
Feather River Fitness .....	401		
Financial Aid .....	241, 298, 296, 356		
Fish Hatchery .....	224		
Football .....	326, 329, 332		
FRC Foundation .....	256		

## FEATHER RIVER COLLEGE ADMINISTRATION

### **Dr. Kevin Trutna - (2013)**

*Superintendent/President*

[ktrutna@frc.edu](mailto:ktrutna@frc.edu)

Ed. D. Adult and Higher Education, Montana State University

M.S. Mathematics, Montana State University

B.S. Mathematics, Loyola University of Chicago

### **Cynthia Hall - (2000)**

*Executive Secretary/Administrative Assistant to the President*

[chall@frc.edu](mailto:chall@frc.edu)

A.A. Liberal Studies, Feather River College

A.A. Environmental Studies, Feather River College

### **Dr. Derek Lerch - (2006)**

*Vice President of Instruction/Chief Instructional Officer (CIO)*

[dlerch@frc.edu](mailto:dlerch@frc.edu)

Ph.D. Geological and Environmental Sciences, Stanford University

M.S. Geophysics, Stanford University

B.A. Geophysics, University of California, Berkeley

### **Kim Beaton, Ed. D. - (2017)**

*Assistant Dean of Instruction*

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Ed. D. Educational Leadership and Management, Capella University

M.S. Adult Post-Secondary Education, Capella University

J.D. Law, San Francisco Law School

B.A. Legal Studies, University of California, Berkeley

### **Carlie McCarthy - (2012)**

*Vice President of Student Services/Chief Student Services Officer (CSSO)*

[cmccarthy@frc.edu](mailto:cmccarthy@frc.edu)

Ed. M. Adult and Higher Education Leadership, Oregon State University

B.S. Communications, Business Administration, Oregon State University

AAOT, Linn Benton Community College

### **Morgan Turner - (2021)**

*Interim Director of Fiscal Services/Chief Business Officer*

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M.B.A. Business Administration, Fitchburg State University

B.S. Criminology & Criminal Justice, Portland State University

### **David Burris - (2012)**

*Director of Human Resources/EEO Officer*

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M.B.A. Aspen University

B.A. New College of California

### **Nick Boyd - (1999)**

*Director of Facilities/Chief Technology Officer*

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Heating and Refrigeration Certificate, Universal Technical Institute

### **Merle Trueblood - (1998)**

*Director of Athletic Operations and Events*

[mtrueblood@frc.edu](mailto:mtrueblood@frc.edu)

B.S. Business Administration, Excelsior College

A.A. Business Administration, Butte College

### **Sean Whaley - (2015)**

*Director of Institutional Research and Planning*

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M.A. Applied Statistics, University of Pittsburgh

B.A. Political Science-Prelaw, Michigan State University

# FEATHER RIVER COLLEGE FULL-TIME FACULTY

## **Terry Baumgartner – (2007)**

*Baseball/Health & Exercise Studies*  
tbaumgartner@frc.edu

M.S. Education and Health, Western Oregon University

B.S. Education, Western Oregon University

## **Susannah Campbell – (2021)**

*Agriculture/Equine Studies*  
scampbell@frc.edu

M.Ed. Equestrian Education, William Woods University

B.S. Equine Science, Colorado State University

A.S. Equine Studies, Feather River College

## **Dr. Chris Connell – (1996)**

*English*  
cconnell@frc.edu

Ph.D. English, University of Iowa

M.A. English and Comparative Literature, Columbia University

B.A. Literature-English, University of California, Santa Cruz

## **Dr. Katie Desmond – (2008)**

*Political Science/Sociology*  
kdesmond@frc.edu

Ph.D. Political Science, Northern Arizona University

M.A. Political Science, Northern Arizona University

B.A. Political Science, California State University, Chico

## **Dr. Becky Easley – (2016)**

*Mathematics*  
reasley@frc.edu

Ph.D. Mathematics Education, University of Oklahoma

M.A. Mathematics, University of Oklahoma

B.S. Mathematics Education, University of Oklahoma

## **Dana Flett (2020)**

*Environmental Studies/Outdoor Recreation Leadership*  
dflett@frc.edu

M.S. Ecology, Colorado State University

B.S. Conservation and Resource Studies, University of CA, Berkeley

## **Saylor Flett (2020)**

*Outdoor Recreation Leadership*  
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M.A. Recreation Administration, California State University, Chico

B.A. Environmental Studies, University of CA, Santa Cruz

## **Dr. Nicole Grose– (2021)**

*English*  
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Ph.D. Educational Leadership University of Nevada, Reno

M.A. English Rhetoric and Composition, University of Nevada, Reno

B.A. English and Political Science, University of Nevada, Reno

## **Nick Goulet– (2017)**

*Head Football Coach/Health and Exercise Studies*  
ngoulet@frc.edu

M.S. Kinesiology, Saint Mary's College

B.S. Physical Education/Sport Management, Mayville State University

## **Dr. Tom Heaney – (2001)**

*History*  
theaney@frc.edu

Ph.D. History, UC Irvine

M.A. History, California State University, Sacramento

B.S. Philosophy, San Francisco State University

## **Keshawn Johnson – (2021)**

*Women's Basketball/Health and Exercise Studies*  
kjohnson@frc.edu

M.S. Sports Management, Coaching and Athletics Administration, Liberty University

B.A. English, California State University, Chico

## **Rick Leonhardt – (2016)**

*Business*  
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M.S. Finance, Golden Gate University

B.S. Business Administration, California State University, Chico

## **Dr. William V. Lombardi – (2017)**

*English*  
wlombardi@frc.edu

Ph.D. English-Literature and Environment, University of NV, Reno

M.A. English, California State University, Chico

B.A. English, California State University, Chico

A.A. Liberal Studies, Feather River College

## **Nancy Moore – (2021)**

*Nursing*  
nmoore@frc.edu

B.A. Healthcare Administration, University of Arizona

A.S. LPN/LVN Nursing, Gurnick Academy of Medical Science, Pleasant Hill

**Darlene Oertle – (2019)**

*Nursing*  
doertle@frc.edu

B.S. Nursing, University of Nevada, Reno  
B.S. Biological Sciences, California State University,  
Chico  
A.A. Liberal Studies, Feather River College

**Joshua Olivera – (2019)**

*Studio Arts*  
jolivera@frc.edu

M.F.A. Art, California State University, Chico  
B.A. Art, California State University, Chico  
A.A. Art, Butte Community College

**Monica Potter - (2017)**

*EOPS/CARE Counselor*  
mpotter@frc.edu

M.S. Counseling, California State University,  
Sacramento  
B.A. Social Science, California State University,  
Sacramento  
A.A. General Studies, Shasta College

**Russell Reid – (1978)**

*Equine Studies*  
rreid@frc.edu

M.S. Recreation and Parks Management, California  
State University, Sacramento  
B.S. AG Business, California State Polytechnic, San  
Luis Obispo  
2000 Hayward Award for Academic Excellence

**Randy Rick – (2001)**

*Men's Basketball/Health & Exercise Studies*  
rrick@frc.edu

B.S. Physical Education, California State University,  
Chico

**Merle Rusky – (2016)**

*Early Childhood Education/Elementary Teacher Prep*  
mrusky@frc.edu

M.A. Human Development, Pacific Oaks College  
B.A. Human Development, Pacific Oaks College  
A.A. Early Childhood Education, Feather River College

**Kurt Smart – (2022)**

*STEM/Chemistry/Math*  
ksmart@frc.edu

M.Ed. International Secondary Education, College of  
New Jersey  
M.S. Biology, University of Mississippi  
B.S. Microbiology, minor Chemistry, California State  
Univeristy Chico

**Darryl Swarm – (2012)**

*Library Director*  
dswarm@frc.edu

M.L.I.S. Library and Information Science, San Jose  
State University  
M.L.A. Environmental Design, California State  
Polytechnic University, Pomona  
B.S. Geological Sciences, La Sierra University,  
Riverside, CA

**John Tanner – (2015)**

*Agriculture*  
jtanner@frc.edu

M.S. Animal Science, University of Nevada, Reno  
BS Animal Science, Utah State University  
A.A and A.S. Agronomy, Ricks College

**Anna Thompson – (2004)**

*Biology*  
athompson@frc.edu

M.S. Integrative Biology, University of California,  
Berkeley  
B.S. Plant Biology, University of California, Berkeley

**Bridget Tracy – (2012)**

*Environmental Studies/Earth Sciences*  
btracy@frc.edu

M.S. Hydrologic Sciences, University of California,  
Davis  
B.S. Forestry & Natural Resources Management,  
University of CA, Berkeley

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## FEATHER RIVER COLLEGE BOARD OF TRUSTEES/FOUNDATION

The Feather River Community College District Board of Trustees is authorized by Section 72200 et. seq. of the California Education Code to execute any powers delegated by law to it or the District, discharging any duty imposed by law.

It is the objective of the Board of Trustees to provide programs and curricula as outlined in Section 66701 of the California Education Code, and to maintain an academic standard sufficiently high in order to ensure an excellent reputation for the graduates of the District. These standards shall be appropriate to the institutional philosophy of providing the opportunity of further education of any student with a reasonable expectation of learning at the college level.

The Board of Trustees is comprised of six members, five members elected by the residents of five trustee areas and one non-voting student member elected by the students. Eligibility to serve on the Board is established in the Education Code. Elected Board members must be residents of their Districts, at least 18 years of age and registered to vote. The student Board member must be a resident of the state of California at the time of nomination and enrolled for a minimum of six units per semester.

### Board of Trustees

**The members, at the time of publication, are as follows:**

Mr. Guy McNett, President

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Mr. Bill Elliott

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Ms. Evi de Bois, Student Trustee (2022-2023)

### Feather River College Foundation

The Feather River College Foundation is a not-for-profit corporation managed by a Board of Directors comprised of volunteer community leaders.

The Foundation was formed to obtain special resources to benefit the programs and students of Feather River College. As a community organization, the Foundation has the freedom to respond directly to the specific needs of the college with an appreciation of the needs of the community.

The Foundation seeks contributions from individuals and corporations as well as grants from public and private organizations. Priority needs, such as scholarships and instructional equipment, are determined by the Board of Directors in conjunction with college personnel.

### FRC Foundation Board of Directors

**The members, at the time of publication, are as follows:**

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# Feather River College CAMPUS MAP

1. Plumas
2. Main
3. Administration & Gallery
4. Lower Main
5. Bookstore
6. Student Services
7. Campus Center
8. Learning Resource Center (Library)
9. Multi Purpose Building (Gymnasium)
10. Science
11. ORL & Art
12. Zygnier Allied Health
13. Child Development Center
14. Athletics Field House
15. Fish Hatchery
16. Agriculture & Equine
17. Facilities
18. Rodeo & Ag Mechanics
19. Athletic Fields

- Permit Parking
- Disabled Parking
- Visitor Parking
- Public Parking





## HOW TO FIND FEATHER RIVER COLLEGE

Feather River College is located in Quincy, California, which is 75 miles from Reno, Nevada. FRC is a 2 1/2 hour drive from Sacramento, California, and 5 hours from San Francisco, 9 hours from Los Angeles, and 12 hours from San Diego.

There are several driving routes to Feather River College. From Central California, take State Route 70 North from Oroville.

From Reno, take Interstate 395 North to the turnoff for State Route 70 at Hallelujah Junction.

From the Tahoe area, take State Route 89 North from I-80, to Reno 70, and then turn West.

It may be useful to call Caltrans at 1(800) 427-7623 before undertaking winter or other extended travel. Or contact the FRC Student Outreach Office at 1(800) 442-9799, EXT 315. What you'll encounter on your way to class at Feather River College: towering mountains, acres of forestland, clean air and water, and wildlife.

What you won't find: traffic.

If you're looking for a change of scenery, look into Feather River College. Plumas National Forest provides a million-acre classroom in which to learn, and vast open spaces and a four season climate in which to play.

We can't guarantee you won't be late to class, but at least your excuse will be a good one.

To learn more and arrange a campus tour, e-mail us at [info@frc.edu](mailto:info@frc.edu), or go online to our website at [frc.edu/about/tours](http://frc.edu/about/tours)

