# YUBA COLLEGE CATALOG 2018-2019 

Yuba College Sutter County Center Beale AFB Outreach Services

## Yuba College

## A Public Community College in its

Ninety First Year of Service


Accredited by the Western Association of Schools and Colleges, and recognized as a fully accredited two-year Community College by the University of California, the California State University, the California Community Colleges, the United States Office of Education, the Veterans Administration, and the American Association of Collegiate Registrars and Admissions Officers.

## Yuba College

2088 North Beale Road Marysville, California 95901
(530) 741-6700
yc.yccd.edu
Sutter County Center 3301 E. Onstott Road
Yuba City, California 95993
(530) 751-5600

## Beale AFB Outreach Services

Base Education Building
17849 16th Street
Beale AFB, California 95903
(530) 788-0973

This catalog is in effect from August 2018 - July 2019.
Information about course offerings, fees, refunds, and college policies published in this Catalog, is subject to change without prior notice. Any updates to courses and programs can be found in the Catalog Addendum.
Any updates to policy, enrollment, or fee information can be found in the online Semester Class Schedule prior
to registration each term (Fall 2018 and Spring 2019).


| Legend |  |
| :--- | :--- |
|  | District Boundary |
| Roadways |  |
| County Lines |  |
| Yuba College and District Office |  |
| District Campuses and Centers |  |

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June 11
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August 8
August 9-10
August 13
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August 31
August 31
September 2 September 3 September 4

September 5 September 14 September 17 September
October 24

November 9
November 12
November 15 November 22-23

December 1 December 3-1 December 10-14
December 14
December 14 December 19 Grades from instructors are due for fall 2018 semester
${ }^{* *}$ Dates apply to full-semester classes; short-term class dates will vary.

## Spring 2019

Spring Semester 2018-83 days of regular instruction
January 8-11, 2019 Professional Development Days (optional flex activities) - NO CLASSES January 14 INSTRUCTIO
January $18 \quad{ }^{* *}$ Last day to add courses or register without special permission January 21 Academic and administrative holiday - Martin Luther King Day observance (Monday)
January $25 \quad{ }^{* *}$ Last day to be eligible for refund of enrollment, parking, student
${ }^{* *}$ Last day to drop class(es) without a "W" grade on permanent record
January 28
February 14
February 15 Census date for full term classe
**Last day to elect Pass/No Pass grading option
Academic and administrative holiday - Lincoln's Birthday observance
February 18 (Friday)
Academic and administrative holiday - Washington's Birthday observance (Monday)
Cal Grant deadline - Free Application for Federal Student Aid (FAFSA) completed and submitted to the federal government to determine Cal Grant eligibility and federal aid priority funding
Spring recess; academic holidays (Monday-Friday)
Administrative holiday (Monday)
Administrative holidays (Thursday-Friday)
Deadline to apply for spring 2019 graduation
${ }^{* *}$ Last day to drop class(es) with a "W" grade on permanent record Limited student activities
Closing date for International Student Applications for fall 2019 Commencement ceremonies
Conclusion of spring semester
Grades from instructors are due for spring 2019 semester
Academic and administrative holiday - Memorial Day observance (Monday)
${ }^{* *}$ Dates apply to full-semester classes; short-term class dates will vary.

## Summer 2019

June 10
July 1
end on July 19; other classes have different dates)
Deadline to apply for summer 2019 graduation
July $4 \quad$ Academic and administrative holiday - Independence Day observed (Thursday)
**Dates apply to full-semester classes; short-term class dates will vary.

Yuba Community College District
35-Week Calendar
2018-19

| June 2018 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Su | Mo | Tu | We | Th | fr |  | sa |
|  |  |  |  |  | 1 |  |  |
| 3 | 4 | 5 | 6 | 7 | 8 |  |  |
| 10 | 11 | 12 | 13 | 14 | 15 |  |  |
| 17 | 18 | 19 | 20 | 21 | 22 |  | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 |  |  |
|  |  |  |  |  |  |  |  | $\begin{array}{lll}\text { SUMMER SESSION 2018 } \\ \text { First } 6 \text { Weeks: } \\ 6 / 11-7 / 19 & \text { SUMMER SESSION } 2019 \\ \text { First } 6 \text { Weeks }\end{array}$




```
\(\begin{array}{ll}\text { SPRING SEMESTER 2019 } \\ \text { Fulli-fm: } \\ \text { Finals Week: } & 1 / 14-5 / 20 \\ 5 / 14-5 / 20 \\ \text { Sp }\end{array}\) \(\begin{array}{ll}\text { Spring Break: } & 4 / 1-4 / 5 \\ \text { First } 9 \text { Weess: } & 1 / 14-3 / 13 \\ & \end{array}\) Last 9 Weeks: \(\quad 3 / 14-5 / 20\)
```

convocation - campus closed

## 2018: $8 / 8$ 2019: $8 / 7^{*}$

Professional development dars - no classes/Campus open (10ptional Flex Activities)
2018:
$20:-8 / 10,9 / 4,10 / 24$
$2018: 8 / 8 /-8110,9 / 4 / 10,10 / 2$
$2019: 1 / 8-1 / 11,8 / 8.8 / 9$
campus closed
2018: 6/8, 6/15, 6/22, 6/29, 7/6, $7 / 13,7 / 20,7 / 127$
$2018: 6 / 88,6 / 15,6 / 22,6 / 29,7 / 76,7 / 713,7 / 20,7 / 727$
$2019: 6 / 7,6 / 14,6 / 21,6 / 28,7 / 15,7 / 12,719,7 / 26$
Holldays - Campus closed 2018: 7/4,9/3, 11/112, 11/22-11/23, 12/24-12/28, 12/31
no classes - Campus open
2018: 6/1, 6/4-6/7, 8/3, 8/6-8/7, 8/9-8/10, 9/4, 10/24, 12/17. ${ }_{2019}^{12 / 21} 1 / 2 \cdot 1 / 4,1 / 7-1 / 111,4 / 2 \cdot-4 / 3,5 / 21-5 / 24,5 / 28-5 / 31,6 / 3-6 / 6$, $2019: 1 / 2 \cdot 1 / 4,1 / 7 / 1 / 11,41$
$8 / 2,8 / 5^{-8 / 8 / 6^{*}, 8 / 8^{*}-8 / 9^{*}}$
$\underset{\text { 2019:5/17 }}{\substack{\text { COMMEN }}}$
*


*The schedule for August 2019 is subject to change


## President's Welcome



GH Javaheripour President

## Welcome to Yuba College!

Yuba College is located among the rice fields and fruit orchards of northern California in the city of Marysville, and in close proximity to Beale AFB. A short thirty miles north of Sacramento, Yuba College provides many transfer degree and career technical education programs.

The cities of Yuba City and Marysville present a multicultural environment where residents from such diverse ethnicity as Latinos, Hmong, and Punjabi provide a rich mix of cultural and social events for our community. Thousands of visitors annually attend the Festival of Colors, the Bok Kai Festival and the Sikh Festival and parade.

Lake Tahoe offer great skiing opportunities in the winter and are sources of many rivers and streams that support summer outdoor activities. Lakes provide opportunities for boating and water skiing, while our streams are stocked with trout, salmon, and bass.

And, if you enjoy participating in sports, Yuba College students represent twelve sports competing in the Bay Valley Conference. Yuba College Forty-Niners are among the most competitive student athletes and have competed for many conference and statewide championships. Many of our student athletes are recruited by Division I universities and many have played for national and international professional teams.

I encourage you to take time to review this catalog as it contains information on curriculum offerings, course descriptions, student support services, and serves as your reference during your journey at Yuba College. Yuba College offers an array of programs of study that transfer to universities, earn associate degrees, and completion of career and technical certificates. Classes are taught by highly qualified faculty committed to providing opportunities that will help you succeed and grow academically.

## We Believe in Your Future.

GH Javaheripour
President

## 2018-2019 District Organization

Governing Board

| hael Pasquale, B | stee Ar |
| :---: | :---: |
| V. Richard Savarese, Vice President | ustee Area 7 |
| Richard Teagarden, Clerk of the Board | Trustee Area 1 |
| Brent Hastey... | Trustee Area 2 |
| Gary Sandy | Trustee Area 5 |
| Xavier Tafoya. | Trustee Area |
| David Wheeler | Trustee A |
| chaela Christe | Sud |

## District Offices

| District Offices |  |  |
| :---: | :---: | :---: |
| Chancellor .................................................................................................................... Douglas Houston |  |  |
| Vice Chancellor, Administrative Services. . Mazie Brewington |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| Yuba College |  |  |
| President ................................................................................................................. GH Javaheripour |  |  |
| Vice President, Academic and Student Services.................................................................... Dr. Sonja Lolland |  |  |
| Divisions: |  |  |
| Applied Academics .............................................................................................. Dr. Daren Otten, Dean |  |  |
| Programs/Departments |  |  |
| Administration of Justice | Drafting | Plant Science |
| Agriculture | Emergency Medical Technician | Psychiatric Technology |
| Athletics | Fire Technology | Radiologic Technology |
| Automotive Technology | Health Education | Veterinary Technology |
| Business | Human Services | Welding |
| Cooperative Work Experience | Kinesiology |  |
| Cosmetology | Manufacturing Technology |  |
| Culinary Arts | Nursing |  |
| Director, Public Safety $\qquad$ Dr. Pete Villarreal Administration of Justice, EMT Fire Technology |  |  |
| Director, Nursing and Allied Health $\qquad$ Clark Smith Nursing, Psych Tech, Rad Tech, Human Services |  |  |
|  |  |  |
| Director, Career Technical Education ....................................................................................Sandy Fowler |  |  |
| Director, Kinesiology, Health, Athletics ................................................................................Erick Burns |  |  |
| Arts and Education ........................................................................................... Dr. Carla Tweed, Dean |  |  |
| Programs/Departments |  |  |
| Art | French | Sign Language |
| College Success Center | Library and Learning Resources | Spanish |
| Early Childhood Education | Mass Communications | Speech |
| Education | Music | Theatre Arts |
| English | Punjabi |  |


| STEM and Outreach Campuses ................................................................................... Dr. Michael Bagley, Dean |  |  |
| :---: | :---: | :---: |
| Programs/Departments |  |  |
| Biology | History | Political Scie |
| Chemistry | Humanities | Psychology |
| Computer Science | Mathematics | Sociology |
| Engineering | Philosophy | Statistics |
| Geography | Physics |  |
| Geology | Physical Science |  |
| Director, Campus Operations |  | Roy Martin |
| Sutter County Center and Bea | ach Services |  |
| Student Services ...................................................................................................... Dr. Delmy Spencer, Dean |  |  |
| Programs/Departments |  |  |
| Admissions and Records | Counseling | Student Success and Support |
| Assessment and Testing | DSPS | Program |
| CARE | EOPS | Transfer Center |
| CALWORKs | Puente | Umoja |
| Career Center | Student Health Center | Veterans Services |
| Director, Counseling $\qquad$ Amandeep Kandola Counseling, ESL Services, Peer Center, Petitions and Grievances, Umoja / Puente |  |  |
| Director, Financial Aid. Financial Aid, Awards and Scholarships |  |  |
| Director, EOPS/CARE/CalWORKs ..........................................................................................Cris Sanchez |  |  |
| Director, TRiO $\qquad$ Kao Lee Vang Upward Bound |  |  |
|  |  |  |
| Student Success and Institutional Effectiveness $\qquad$ Jeremy Brown, Dean BSI, Student Equity, Research and Planning |  |  |
| Director, Academic Excellence .................................................................................. Kristina VannucciMESA |  |  |



## District Information

## Yuba Community College District

The Yuba Community College District was founded in 927, on a 160 -acre site outside of Marysville. In December, Sutter, and Yuba counties and in 1974-75 to include large portions of Glenn, Lake, and Yolo counties. The District now stretches across the broad central valley of California rom high in the foothills of the Sierra Nevada to the Coas Range and covers 4,02 aquare millas. Community College

## Yuba College

Yuba College, in its 91 st year of community service, ounded in 1927, is located on a campus outside of Marysvill on a $160-$ acre site. Yuba Colege opened on this site in
September, 1962. For 91 years, Yuba College has been providing quality education and has earned a reputation as an educational leader in Northern California. Yuba College offers technical and occupational classes to help gain o system reports that students who transfer from California Community Colleges, such as Yuba, consistently earn bette grades than students who go directly to a CSU from high chool. Yuba College offers classes that transfer to CSU, the University of California (UC) and many private universities over 90 departments totaling more than 1,000 courses.

## Sutter County Center

The Sutter County Center, located in north Yuba City at 3301 E . Onstott Road, prepares students fo ransfer to baccalaureate-granting institutions, for entry into the job market, or for further career development. are transfer and general education courses; however various career technical education courses are also of ered. The state-of-the art two-story facility holds 18 classrooms, a library, full registration service, counselg and financial aid services, dining services, and ope computer lab.

Beale AFB Outreach Services
Classes have been offered on this site since the fall semester of 1960. Classes are located in the Base Force Base. A variety of general education and transfer ourses are offered in late afternoon and evening, as wel as some noon-hour classes. Two program formats are rovided: semester-length schedules and two nine-week terms each semester.

## Woodland Community College

Woodland Community College has provided educational pportunities for Woodland, Esparto, Knights Landing, and Colusa County since 1975. Accredited in 2008, WCC is located at 2300 East Gibson Road in Woodland.

With growth all around the college, in both Yolo and Colusa counties, WCC opened its new Learning Resource Center in May of 2007. The $72,000 \mathrm{sq}$. ft. building doubled the blueprint of WCC, adding 25 new lecture classrooms, an expanded library, TRiO, math and writing labs, and pus bookstore, science building childcare center, tutorin acilities and other laboratories on campus. As part of the Measure $J$ facilities project, the college renovated the old library building into a one-stop student services building; the administration building was also renovated to include office Multi-Cultural Enrichment Center and a Student Center.

## Lake County Campus

Courses have been offered in this region since the fall semester of 1972. The Campus is located off Highway 53 in the City of Clearlake. In 2012 the campus added $26,600 \mathrm{sq}$. ft to the existing facilities. The expansion added a new student services center that includes a new
library, three computer labs, and a vast array of important student services. The new facilities also include a "state of-the-art kitchen" and dining room for the Culinary Arts Program and new classrooms/labs for Biology, Chemistry and Early Childhood Education courses.

At the Woodland Community College Lake County Campus, students can complete two years of pre-transfer work or satisfy their General Education requirements as well as major preparation courses for many degrees. In
addition to transfer course work, the Campus offers career technical education programs in Accounting. Automotiv repair, Business Administration, Chemical Dependency Counseling, Culinary Arts, Early Childhood Education Income Tax Preparation, Drinking Water/Waste Wate and Welding are also offered. The Campus also provides and a Child Development Center.

## Colusa County Outreach Facility

The Woodland Community College Colusa County Outreach Facility is located at 99 Ella Street in Williams Colusa County. Students can take classes at the 9,000 square foot facility which has 4 dividable classrooms admission, registration, assessment, financial aid and counseling. The facility also hosts an SSS/TRIO pro gram offered to support English as a Second Language students.

## Accreditation, College Goals, Mission and Philosophy

This catalog provides important information to help students plan for college. It includes course information, resources, and services ava

Each student must assume complete responsibility for compliance with the instructions and regulations set forth and the College. The College reserves the right to change any provision or requirement at any time.

The College assumes no responsibility for misinterpretation by a student of policies and procedures as presented in is catalog. Counselors and administrators are available to advise and assiststudents in meeting necessary requirements.
Students should use the catalog to be a successful college student. For example, knowing what a course is about nd how it fits into the goals or program is one of the requirements for proper course selection. Course descriptions are vailable in the section entitled, "Programs and Courses." If the goal is to complete an associate degree, it is important to become familiar with the General Education Degree Requirements described in "Graduation Requirements." If the goa is to complete a degree or to select courses prior to transferring to a four-year college or university, then the information

Use the catalog to learn where and how to get things done. It has information for locating resources and becoming
 Veterans Services. There is aso information about ading a clas, aplying for graduation, or geting a transcipt.

## Accreditation

Yuba College is accredited by the Accrediting Commission for Community and Junior Colleges of Western Association of Schools and Colleges (1 Commercial Blvv.; Suite 204; Novato, CA 94949; (415 by the Commission on Recoredititing body recognize ccreditation and the U.S. Department of Fducation. The College is recognized as a two-year institution of collegiat grade by the University of California system. California state University system, Calfornia Community Colleges, e American Association of Collegiate Registrars an Amissions Ofirs, an ove the "Accredited Higher Institutions" Bulletin of the Office of Education, U.S GovernmentPrinting Office; to the "Junior College Directory" of the American Association of Junior Colleges; and to "American Junior Colleges" published by Council on Education, Washington, D.C.

## Supplementary Course Accreditation

Yuba College Regional Fire Academy is accredited by Service. The studentwill Marsomeet and the State Board of Firements to procee Service. The student will also meet the requirements to proceed
with the required State and National firefighting testing. Upon successful completion of the testing, the graduate (pass of will receive California State, IFAC-International Fire Servic Accreditation Congress and Pro Board- National Board office Service Professional Qualifications certification. The studen
will also be eligible to participate in either fulltime, internship or volunteer work experimce programs required by the State or volunteer work experience programs requir
Fire Marshal for their Firefighter I certification.

In addition, the student will also meet the requirement o proceed with the required National Registry Emergen Medical Technician exam which will qualify the graduate (who and California State certification Emergency Medical Technicia

Nursing - California Board of Registered Nursing
Psychiatric Technician - California Board of Licensed
Pring and Psychiatric Technician.
Chemical Dependency Counselor - CCAPP (Consortium Police Academy - POST. (Peace Officers Standards and Training

832 PC. - POST \& STC Peace Officers Standards and Training and Standards and Training in Corrections

POCC, COCC. \& JCOC. - STC. (Standards and Training

## Academic Freedom

Reference: Title 5, Section 51023; Accreditation Standard IIA. 7
Academic employees must be free to teach and the students free to learn. Both must have access to the full of academic employeees to encourage students to study varying points of view and to respect the students' right to frm, hold, and express judgements, opinions, and beliefs, clearly identifying them as such

The responsibility of protecting academic freedom rests with the Board of Trustees, administration, educationa supervisors, and academic employees. Academi curriculum and select instructional materials and methods of presentation appropriate to meet the goals of that curriculum. Academic employees, educational supervisors and administrators may recommend policies for Board consideration when there are criticisms of staff, methods, o
materials. Academic employees, educational supervisors and administrators must develop procedures to implemen those Board-adopted policies related to academic freedom.

When academic employees are performing their assigned responsibilities, they shall be free to expres artistic endeavors.

## Advantages of Yuba College

The faculty are experienced instructors, skilled in discovering and developing the interests and capabilities of their students. The ability to communicate with faculty members minimizes the danger that a student may becom confused and lost in the hurry and bustle of college life and bridges the gap between high school and university, making adjustment easier.

The years of college education offered by Yuba College are an important budgetary item, especially since there is an ncreasing tendency for professional preparation to require ore han four years of college study. Yuba College enable he long period of professional training
Yuba College provides students with such services an acivities as individualized counseling, social and cultura o meet the needs and patterns of all students.
Students will find the opportunity to adjust their studies ot their individual needs; those in high school who did no eet university admission requirements may make up heir deficiencies; those who want training for immediate who wish to transfer to a university may do so as junio who wish to transf
(third-year) status.

## Yuba College Mission Statemen

Yuba College prepares a diverse student population to excel rality programs and student services empower student to achieve their educational and life goals by providing counseling, transfer preparation, associate and transfe degrees, certificates, career and workforce training, basi respond to the diverse educational culltural and econe needs of our community by promoting individual potentia through effective teaching and learning in an inclusive environment.

## Yuba College Strategic Directions

1. Student Success and Achievement: Support a nclusive learning environment that enables all studen tion, Entry, Progress and Completion
2. Teaching and Learning, and Support Services enhance student learning and completion.
3. College Processes and Systems: Steward our re sources through data-informed practice
mprove service and increase efficiency
4. Culture and Climate: Build a college-wide sens of community through
5. Community Leadership and Engagement: Strengthen and develop partnerships to meet the edu

## Diversity Statement

It is the goal of Yuba College to foster a community in which diversity is valued, respected and embraced, an every person is treated with dignity, respect and justice,
Diversity includes a multiplicity of values and beliefs, interests and experiences and intellectual and cultur viewpoints.
Yuba College endorses, supports and actively pursues a policy of inclusiveness that recognizes, values and reflects the diversity of the community we represent, the professionals with whom we serve and the subject matte we impart. To thrive as an academic institution, we believ we must foster a learning and working environment that of ideas in an unbiased and non-projudicial way

To that end, as we educate students, develop cu Yuba College is staffing and provide support service inclusiveness and afford equal opportunity to all, withou regard to gender, race, color, ethnicity, national origin, rell gion, ideology, age, economic and educational background sexual orientation, or physical, learning and psychologic
differences.

## Nondiscrimination Statemen

Yuba College does not discriminate on the basis o race, color, national origin, sex (gender), physical and menta disabiity, age, sexual orientation, religion, medical condition, practices nal status sexual harassment, in ompliance with the Americans with Disabilities Act of 991, Title VI of the Civil Rights Act of 1964 (pertaining to Amendments of 1972 (pertaining to sex), Section 504 o the Rehabilitation Act of 1973 (pertaining to handicap), and Age Discrimination Act of 1975 (pertaining to age). This ondiscrimination policy covers admission and access to ployment in, the College's program activitie
The Yuba Community College DistrictBoard ofTrustees as adopted a Diversity Policy, BP 1300, which includes th Principles of Community and a Diversity Framework for Institutional Transformation and Cultural Competency

Inquiries regarding the equal opportunity policies, the ling of complaints, or to request a copy of the complain procedures covering discrimination complaints may be iirected to: Human Resources, Title IX Coordinator: (530) 741-6976 located at Yuba Community College District, 42

Yuba City CA 9599
The lack of English language skills and disability will not be a barrier to admission and participation in th

The College recognizes its obligation to provid ndicapped persons. Call Human Resources Titte Coordinator: (530) 741 -6976 to obtaininformation as to th xistence and location of services, activities, and facilities
-
Inquiries regarding Federal laws and regulations about with those provisions may also be directed to:

Office for Civil Rights San Francisco Office
U.S. Department of Education

Son Francisco, CA 94102-4102

Institutional Student Learning

## Outcomes

Student Learning Outcomes (SLO's) are the intended knowledge, skills, or abilities a student should gain develop as the result of allending class, participating College. SLO's differ from traditional measures of stude success-letter grades-in that they measure specific skill within a course-and separate them from other factors that affect student success.

1. Communication: effectively use language and non verbal communication consiste or the audience and purpos
. Computation. use appropriate mathematical con municate issues in quantitative terms.
2. Critical Thinking: analyze data/information in ad dressing and evaluating problems and issues in making decisions.
3. Global Awareness: articulate similarities and dif ferences among cultures, times, and environments and knowledge of global issues.
4. Information Competency: conduct, present and use research necessary to achieve educational, profes sional and personal objectives.
5. Personal and Social Responsibility: interact with others by demonstrating respect for opinions, feeling and values
Technological Awareness: select and use appropri-
Ste tools for personal, academic and career tasks. scientific inquiry and the implications and application of basic scientific principles.

## Programs and Services

## Aerospace Studies (Air Force ROTC)

Air Force Reserve Officer Training Corps is available 10 Yuba College students through a cross enrollment agreeThe CSUS Department of Aerospace Studies offers two-three-, and four-year programs leading to a commission in he United StatesAir Force. Students can complete general ducation requirements at Yuba colloge and then transfe CSUS to complete their degrees.
Due to firm scheduling requirements for the Air Force with their academic counselors in planning this academi program. Application to the Air Force ROTC program should normally be no later than the first semester of a student's sophomore year. Juniors, seniors and graduate students may also apply under certain conditions. Contact the unit ment at (916) 278-7315 for information on the program or the entry process.

## Assessment Center

The Yuba College Assessment and Testing Center is located at Yuba College in the 100B building. The College also offers placement examinations at Beale AFB Outreac is testing schedule County Center. Call a testing center fo (53:YCAssessment College) - (530) 741-6864; Beale AFB Outreach Services (530) 788-0973, Sutter County Center - (530) 751-5600.

Individuals with disabilities or special testing need should discuss options or accommodations with a Yuba College counselor and/or Disabled Student Program and Services staff or call a test center to arrange accommoda-

The Yuba College Assessment and Testing Center a member of the National College Testing Association (NCTA) Consortium of Test Centers and offers distanc ducation testing for various colleges and universities from ound the country.
For your privacy and safeguarding of student records, oto identification is required for all testing transactions.

## Bookstore

Yuba College Bookstore is located in Building 300 The Bookstore is a one-stop shop, supporting community books, the bookstore offers a variety of affordable options including used, rental and digital books as well as a price match promise to guarantee students get their materials at the lowest cost possible. The bookstore also makes shopping hassle-free with its Shop by Author Textbook personalized course materials shopping list, alphabetized by author. Students can print and email the list or just use the kiosk in the bookstore. The bookstore also carries every day essentials like clothing, gifts, supplies, general drinks. For more information on payment options, returns, shipping, store hours and more, visit www.yubashop.com or call (530) 741-6998.

Buy Backs: The bookstore buys back textbooks for Cash every day, regardless of where the text was purchased cluding workbooks). Prices fluctuate according to demand

## California Work Opportunity and

## Responsibility to Kids (CaIWORKs)

The Yuba College CalWORKs Program, located in Building 100B, is a state funded welfare to work program. Yuba College is a partner with local county offices. This partnership enables participants to attend community co program inder prepare form. areas: academic, vocational and personal counseling jo placement (related to the student's major), CalWORK Work-Study, access to the CalWORKs lending library educational supplies and child care. For more information or to schedule an in person or distance appointment, cal
the Yuba College CalWORKs Office at (530) $634-7773$ email calworks@yccd.edu.

## Career Center

The Yuba College Career Center, located in Building 100B, provides a process to lead students through various assessments giving them the necessary tools to make caree and life planning decisions. Services and tools available to students to achieve this goal include: career and vocationa assessment and testing, occupational computer-assiste career information, and a library of occupational books an

For more information, contact the Yuba College

## Career Technical Education

## ransitions (CTE)

The Yuba College Career Technical Education Tran sitions Program, located in Room 16 in Building 100A coordinates the awarding of college credit to high schoo An articulated course is one in which the high school in structor/Regional Occupational Program (ROP) and Yuba College faculty have formally agreed that the high school's ROP's course outline, syllabus, textbook, and final exam re comparable to those in a course of the same majo wollege transcript once articulation requirements hav een completed. The CTE (Career Technical Education) Transitions Program prepares students to earn a certificate associate's degree or transfer to a university.

For more information about the CTE Transitions Program, contact the Yuba College CTE Transitions O fice at (530) 741-6588, ctetransitions@yccd.edu, visit the ddmissions and Records Office at any campus, or see a www.yccd.edu/educational-services/cte/default.aspx.

## Child Development Center

The Child Development Center is located in Building 600 at Yuba College. The program provides children with many opportunities to grow and learn. The environment is hrough natural science, creative and language art experiences, physical activities and number concepts. The Child Development program is state funded and follows Californi Department of Education guidelines, Foundations and ramework curriculum. Eligibility to enroll can be met by private pay or income eligibility and by meeting one of the following need criteria:

Students with a need for childcare (There is no need equirement when attending only preschool hours.)

Searching for work
Working
Incapacitated
Searching for housing
Yuba College serves toddlers ( 18 months- 36 months) and preschoolers ( $3-5$ years) in a full day, part day or stat ,
The Child Development Center hours of operation are Monday-Friday 7:30 a.m.- 5:30 p.m. For more information contact the Yuba C
(530) $749-3808$.

## College Success Center

The College Success Center (Room 1103) in the Library Learning Center (Building 1100) on the Yuba Colleg campus provides academic learning and support service students at no cost and cultivates a positive, supportive earning environment that if fully potilized, significantly enhances students' abilities to pass their classes

Academic Learning and Support Services

- scheduled collaborative learning sessions
- facilitated collaborative learning groups
- drop-in mathematics assistance (all day
- scheduled individualized tutoring
- Supplemental Instruction®-based Content Tutoring - quiet study areas for groups and individuals
- access to wireless internet, computers and academic software
test preparation materials
- assistance with research projects
- assistance with multimedia presentation

The two major components of the College Success Center are the Mah Tutoring Program and the Conten utoring Program.

Math Tutoring Program: Academic support is commonly available for the following courses

- Accounting 1, 2L, 10A
- Business Computer Applications 15
- Chemistry 1A, 1B, 2A, 2B, 10, 18A, 18B
- Computer Science 6, 9A, 9B, 11
- General Business 18A, 56
- Mathematics 1A, 1B, 1C, 2, 3, 9, 10, 15, 20, 21, 25

51, 52, 52A, 52B, 55, 58, 101, 101A, 101B, 111
Physics 2A, 2B, 4A, 4B, 4 C

- Statistics 1

Content Tutoring Program: Academic support ommonly available for the following course

- Biology 1, 3, 4, 5, 6, 10L, 15
- Economics 1A, 1 B
- French 1
- Geology 10L, 12, 20
- History 17A, 17B
- Humanities 10, 11
- Music 1A, 1B, 1C, 1D, 2A, 2B, 2C, 2D, 17, 41A, 41B, 42 A
- Nursing 36
- Philosophy 12,20
- Political Science 1,7
- Psychology 1A, 12, 4
- Sign Language

Sociology 1

Online Tutoring: Online tutoring is available for istance education courses.

Tutoring Staff: The tutoring staff is efficient, wellrained, friendly, helpful, and knowledgeable. Tutors mus possess the following qualifications and characteristics to be employed:

1) have an overall 3.00 grade point average or higher
2) pass the course they wish to tutor with an $A$
3) complete an by the faculty,
4) be committed to assisting straining program, and

Hours of Operation
Fall and Spring Semesters:
8:00 a.m. to 7:00 p.m. Monday through Thursday
8:00 a.m. to $5: 00$
Summer Session:
8:00 a.m. to 5:00 p.m., Monday through Thursday
Contact Information
Contact Information:
General Information (front desk): (530) 741-6759 Quy Bui, Instructi
qbui@yccd.edu
tjow@yccd.edu Dr. Travis R. Smith, Coordinator: (530) 741-6787 or tsmith@yccd.edu

## Community Education

Community Education, located in Building 100B, is a program of not-for-credit fee-based classes and activitie designed to serve individuals with educational goals that do not require college credit. Its goal is to fulfill a role whic enables the community to improve the quality of their live grough continuing education. There are no transcripts, fered in response to an expressed interest or need by a specific population or organization. Obtain a Community Education schedule of course offerings by calling the Com munity Education Office at (530) 741-6825.

## Contracted Training

Contract Education and Training can offer custom solutions and targeted training for business prosperity through employee development. Yuba Community Colleg size company. The program offers customized workshops seminars, and classes (college credit or not-for-credit) to increase employee skill level.

Benefits to local companies:

- Targeted, cost-effective, cutting-edge, return on investment training

Coaches, instructors, and facilitators with practica urrent real world skills

- Training focused on measurable outcomes
- Investment in training enhances human capita (employees)
- Customizable training schedules to meet the employer and employee needs

Call (530) 741-6763 for a complimentary assessment.

## Cooperative Work Experience Education

Cooperative Work Experience Education (CWEE) are courses designed to recognize learning that occurs on-the job. In order to qualify, a student must have a volunteer or paid position and develop specific learning objective approved by the employer and Yuba College. Call Yub Cllege at (530) 741-6763 for more information.

## Counseling

Community colleges are distinguished by the persona tention given to students and the quality of guidance and ounseling services provided. Counseling is an essentia art of Yuba College, designed to complement and facilitat truction and to aid students in academic, career and ersonal planning. Individual and group counseling provided. Students are strongly encouraged to meet with counselor at least once each semester. Counselors ar AFB and within specialized programs including CaI WORKs, DSPS, and EOPS.

Some of the services provided by counselors include
Conducting group orientation and registratio information sessions

Providing essential information concerning certificate gree, and transfer requirements as well as college rule and regulations and students' rights and responsibilities

Assisting students in assessing and analyzing Atitudes, interests, values and personality related to caree and academic planning

Assisting students in learning decision-making ocesses including choosing, changing, or confirmin goals goals and taking appropriate steps to reach those

Determining the best educational program for each Dent to achieve a chosen career
Developing a student education plan that includes both
the coursework and supplemental needs of each studen
Selecting courses and assisting students with the
egistration procedures of the college
Suggesting college activities to maximize eac student's opportunities and potential

Planning a transfer program which leads to acceptan
with junior level (upper division) status at a university
Providing workshops on a variety of topics of interest tudent
Assisting students to resolve personal problems which
re barriers to their education achievement
Referring students to appropriate campus and community support services and resources

Offer
COUNS 10-College Success
COUNS 22-Peer Advising Seminar
COUNS 25-Career Planning and Development
COUNS 30-Transfer Preparation
COUNS 35-College Study Skill
COUNS 45-Career College Plannin

COUN 52-Pre-Employment Skills Training
For more information or to schedule an in person or distal:

Yuba College (530) 634-7766
CalWORKs (530) 634-7773
DSPS (530) 741-6795 or (866) 274-7530 (VP)
EOPS (530) 741-6995
Sutter County Center (530) 751-5600
Beale AFB Outreach Services (530) 788-0973

## Dining Facilities

Yuba College offers two dining options on the Yub College campus. The Culinary Arts program at Yuba Co lege provides restaurant style dining at Flavors restauran a.m. - $1: 00$ p.m. The Café offers a variety of food and cof fee selections and is open Monday through Friday durin the morning and late afternoon. Flavors and the Café ocated in Building 300.
Sutter County Center offers grab and go food and severages at the 49er Café which is open Monday through Thursday from 8:30 a.m.-2:00 p.m.

## Distance Education/e-Learning

Distance Learning courses include televised courses (ITV) and fully online courses. A complete listing of these courses is located in the Schedule of Classes unde Distributive Education' and on the YCCD eLearning websit testing and student/faculty interaction occur at a distance. Some faculty may require students to come to campus to take exams or require prior approval for exams proctored at a remote site

The rigor of online and ITV courses is equal to a regular course. Students need to have good time management and computer literacy skills and be able to work independently, Two, 1 unit online courses are offered each term to help 40, Introduction to Online Learning and LIBSC 1, Basic Research Skills.

ITV courses feature Yuba College or Woodland Community College instructors. These courses ar

Fully online courses are delivered using the YCCD earning course management software, Canvas, whic is accessible via the eLearning website and within the
MyCampus portal. Students access YCCD eLearning using their college student ID and password once they are enrolled in a course that uses this software. Technical support is provided via phone, email, virtual PC software and in person. For more information, staff contacts an

## Distance Education-

## Student Services Programs

Yuba College Student Services programs provide iistance education services to prospective and curren Yuba College students for non-urgent matters through elephone and web-based modalities. For information o how to access and arrange for distance education services, Services section of the Yuba College Catalog.

## Disabled Student Program and

 Services (DSPS)Disabled Student Program and Services, located Building 1800, is designed to ensure educationa opportunities for students with disabilities that impac their academic participation such as vision, hearing psychological, mobility and learning. DSPS partners
with the college to promote equity in all its educational offerings. Screening for learning disabilities is available to all currently registered Yuba College students having trouble in their classes or who have a history of special education needs. Support services for eligible students may include academic accommodations such as test proctoring, note aking, disability advising, priority registration, auxiliary classes are offered each semester at Yuba College includ Adapted Physical Education,Academic Strategies, Assiste Computer Technology and Reading/Writing Development.
For more information about eligibility, to apply for services, or to schedule an in person or distance appointment, call DSPS at ( 530 ) $741-6795$ (voice) or ( 866 $74-7530$ (VP) or email dspsinfo@yccd edu.

## Dusty's Pantry

Dusty's Pantry, located in Building 100B, Room 100A, provides primarily non-perishable food to Yuba College students. Students may accesslunch-type snacks Monday ood aid to qualifying of charge. CalFresh also provide Counseling at (530) $634-7766$ for Dusty's Pantry hours o operation and CalFresh information.

## Extended Day and Outreach Programs

The Outreach Program, planned to serve the divers needs of the adult population of the entire District, accomplishes its aim through several facets:

- The On-Campus Late Afternoon and Evening Program
- The Off-Campus Program providing service at sites inroughout the District wherever fifteen or mo may properly meet;
Short Term Courses, as short as one day or a wee when appropriate to meet an identified need;
State-approved Non-Credit Courses to meet needs of adults which are not properly met through cred courses; and

The Public Events Program which sponsors cultura events, speakers, musical events, and other activitie not appropriate as credit or noncredit courses.

## Extended Opportunity Program and

 Services (EOPS)Extended Opportunity Program and Services (EOPS) ocated in Building 100B, is a state funded program tha and educationally disadvantaged students. EOPS promote student success with priority registration, comprehensiv educational planning, career and transfer planning, free tuoring, texlbokassistance, in in

For additional information or to schedule an in perso or distance appointment at Yuba College or the Sutter student/EOPS/default aspx, call EOPS at Yuba College, (530) 741-6995 or email yceops@yccd.edu.

## Cooperative Agencies Resources for <br> \section*{Cooperative Agen Education (CARE)

}As a supplemental component of EOPS, CAR provides additional support services for eligible EOPS students who are single head of household, have a least one child under the age of 14, and are receiving TANF benefits. Grants for educationally related expenses (such as child care, transportation, tex
books and supplies) may be awarded as a means of strengthening the retention, persistence, graduation and transfer rates of these individuals.

For additional information visit the EOPS web site: http://yc.yccd.edu/student/EOPS/default.aspx o call EOPS at Yuba College, (530) 741-6995 or ema yceops@yccd.edu.

Financial Aid and Scholarships
Information about Financial Aid and Scholarships is cated in the Financial Aid Section of the Yuba Colleg Catalog beginning on page 32 .

## Health Clinic (Student)

Yuba College, in partnership with Harmony Health, of fers a free Student Health Clinic for minor health care and Building 100B. For more information, call (530) 740-1749

## Library

The Yuba College Library, located in Building 1100 offers a wide variety of information services and resources support student learning across curriculum. With access updated book and electronic book collections, periodica s a great place to start any research project Students are welcome to study in a quiet environment, search on a opic, and get help in finding information. Appointments are available to meetone-on-one win a librarian. Students may earn how to use the library and its resources by attend Research Skills which is offered online

The new Learning Resources Center, located in th Lbrary, opened in January 2014 in Narysure afreu a ma rooms, quiet study areas, and a computer lab. Member of the public are welcome to use the facilities any time the Library is open.

## PUENTE Program

The mission of the PUENTE Program is to increase the umber of students who transfer and enroll in baccalaure return to the community as leaders and mentors of future generations. The program offers academic, counseling and mentoring support for students to build the skills neces sary for success in both academic and career goals while in community college. Students enrolled in the program To qualify, students must assess at English 1 A and submit an application for the PUENTE Program. For more informa tion, contact David Perez, PUENTE Counselor, at (530) $634-7770$ or Kyra Mello, PUENTE English Professor, (530) 634-7784

Selective Service Registration
Almost all male U.S. citizens and male aliens living in he U.S., who are 18 through 25 , are required to register for hot autom draft. However, men who currently register are not automatically inducted into military service. Presently, enlistment. The lasttimemen wereinducted into the milita during the Vietnam War. Registration for a possib future draft is required to ensure America's preparednes the event of a miitary crisis. In the event of a crisis that necesstates a draft to be invoked, men would be called in sequence determined by random lottery number and yea and moral fitness by the military before being deferred or exempted from military service or inducted into the Arme Forces. Males may register as soon as they reach the age of 17 years and 3 months but must register within 30 day of turning 18
If males do not register, they could be prosecuted and fined up to $\$ 250,000$ and/or be put in jail for up to five years. Registration is also required to qualify for Federa employment. The Selective Service Registration Form may be obtained from the Yuba College Registration Office or from your local post office.

Students who have questions about Selective Servic
 688-6888 or on the Web

## Student Accident Insurance Polic

Yuba Community College District students are cov ered by an Accident Insurance Policy for accidents and participating in school related activities. The policy has maximum liability amount of $\$ 20,000$. Coverage is subjec to the terms and conditions of the policy, which is available or review in the President's office.

Please note that Yuba Community College District does not offer a health insurance plan for its students. If a student is enrolled in a healthcare plan, the Studen Accident Insurance Policy will be considered secondary the Student Accident Insurance Policy will be considere primary coverage up to the maximum limit and subject to the terms and conditions of the Policy.

## Student Success and Support Program (SSSP)

The Student Success and Support Program (SSSP) is both a program and a process designed to support and encourage student success.

The mission of SSSP includes ensuring fair and equal access to campus resources, accurate and unbiased assessment and placement, and the provision of quality guidance and support for students to reach their educational goals. The objective of SSSP is to assist students in designing and planning their educational goals. The process student achieves his/her educational goal.

The purpose of the Student Success and Support The purpose of the Student Success and Support - Orientation: provides entering students with a brie verview of college policies, programs and services

- Assessment: provides students with reading, writing and mathematics course placement recommendations
- Academic Advising: provides students with a short erm and long term Education Plan
-Follow-up: provides students the opportunity to update plans and ask questions

Student Success is the process that allows the college and the student to form a partnership which helps each student identify and attain that goal. The college asks students to commit themselves to an educational objective and the coliege commits to fostering student success.
The College agrees to provide:

- An admission process
- An assessment of basic educational skills and career goals
Counseling/advising for the development of an individua education plan
- Quality instruction
- A wide variety of courses
- Referral to support services as necessary
- Follow up on student academic progress

Students are expected to:
Attend an orientation session
Complete assessment
Declare a specific educational objective or career pathway after completing 15 units of degree applicable course work
Seek counseling assistance for the development of a comprehensive education plan
Attend classes regularly, complete assigned cours work and seek out counseling services as necessary - Complete courses and maintain progress toward an
educational goal as identified in the individual student education plan
Seek out support services as needed

## Transfer Center

The Yuba College Transfer Center, located in Building 100B, hosts an annual fall transfer program called, "Colleg campus from the University of California, California State University, independent California colleges and universities, in addition to out-of-state colleges. Both Yuba College and area high school students have an opportunity to visit informally with these representatives to obtain informa procedures.
The Transfer Center offers services and resources for students seeking information about baccalaureate level colleges and universities. For some students, the transfer Transfer Center staff are committed to help students with the phases of the transfer process and the many transfer options available. These services include:

- Computers with Internet links to web sites related to transfer
- Appointment opportunities with representatives from baccalaureate level colleges and universities
- The annual College Information Day
- Workshops related to transfer

For more information, call (530) 634-7766 at Yuba College.

## Umoja Program

Umoja is a Kiswahili word meaning "unity." The col lege is committed to working together to meet the desired outcomes for African ancestry students at Yuba College
 for transfer to a baccalaureate level coe and qualification orinformation and anapplication for Umoia contactValerie Harris, Umoja Counselor, at (530) 741-6850

## Upward Bound

Upward Bound is federally funded through the U.S. Department of Education to serve low-income and potential rst-generation students to progress through the academi peline from middle school to post baccalaureate programs.
Upward Bound serves high school students from Live Oak, River Valley and Yuba City. The program provides opportunities for participants to succeed in a pre-college The goal of Upward Bound is to increase the rates a which participants enroll in and graduate from institution of post-secondary education. Additionally Upward Bound provides support to high school students in their prepara tion for college admission.

The services listed below are free and available to Upward Bound participants:

Six-week Summer College Academic and Cultura Enrichment Program

Saturday Workshops on learning styles, career explora tion and personal skills development

Weekly sessions at the student's respective high schoo with the Upward Bound Learning Specialistto assistin ac ademic, career and personal advising and college ex ploration and planning

- Daily after school tutoring

Academic instruction in English, foreign language mathematics, science and other academic classes

- College visits

Cultural enrichment activities

- Leadership workshops and conferences
- New and renewable scholarships

To learn more about the Upward Bound Program, cal (530) $749-3858$ or visit the Yuba College website.

The Legislative requirements of Upward Bound pro rams can be found in the Higher Education Actof 1965 , Title Paice, Sugat Chapter 1 . Federa TRIO prograd.

Veterans Resource Center (VRC)
The mission of the Yuba College Veterans Resource Center (VRC) is to provide academic support to the student veteran community. Located in Building 725, the Yuba College VRC is commiitted to military affiliated students
who have chosen to make the transition from a military lifestyle to being a on make the to assistveteran students in this transition and to help them achieve academic success. Some examples of activities in the VRC are to faciitate peer-to-peer support, mentoring, and a network of social camaraderie through the Student Veterans Association and other resources. The VRC staff partners with campus and community resources such as Financial Aid, Counseling, Disabled Student Program and other community veterans' organizations such as the YubaSutter County Veteran Service Officers, Yuba-Sutter Stand Down, Cal-Vet resources and other VA Health providers. Other resources avaliable in the $V$ BC a television to relax between classes. The VRC is ope from 8:00 a.m.-5 p.m. during the normal academic week.

## Veterans Services

Yuba College is approved for the training of veterans and dependent students. The Veterans Service Office (VSO) assists veterans, reservists, and dependents (of service-connected disabit, or deceased veterans) wis with the U.S. Department of Veterans Affairs.

Yuba College requires that all veterans and/or dependents who wish to collect education benefits call the Yuba in applying for benefits, educational pay, college registration, placement testing and counseling referrals.

All benefit recipients are required to submit a copy of a current class schedule to the Yuba College VSO each semester. Regional VA processing of benefits can take 4 to 6 weeks. For more detailed information call the Yuba College VSO at (530) 741-6822.

Credit for Military Experience: Upon application, the College will evaluate military records to determine if a student may be awarded elective credit for military service. The service person must have spent at least four months in active service and have a discharge other than disholth/ Physical Education/Kinesiology graduation requirement.

College credit may be allowed for the completion of college-level courses in formal service schools in accor dance with recommendations found in the Guide pubilished petition to earn specific credit for general education and major coursework completed in the military. Credit may also e allowed for college-level U.S. Armed Forces Institut USAFI) courses (but not for USAFI GED tests).

Veterans Standard of Progress: A veteran student who is receiving veteran benefits and is placed on aca Veterans Administration prior to the commencement of the next semester.

In accordance with Yuba Colleges policy on dismissal, tudents who remain on academic probation beyond two emesters where their cumulative GPA does not improve a 2.0 , or higher will be dismissed. The college is required o report a termination of benefits directly to the Veteran
dministration due to unsatisfactory progress.
The Yuba College Certifying Official cannot certify a veran for any class beyond that point until the GPA is ove a 2.0
Once the Certifying Official certifies or recertifies a位entforre-enroilmentafter termination for unsatisfactor College has determined the student's ability to maintain atisfactory progress in the future. Any student needing be recertified will need to consult the Certifying Officia for assurance that all procedures and requirements have been met

Military Withdrawal: A military withdrawal occurs hen a student who is a member of the United State military (active or reserve) receives orders necessitatin withdrawal from enrolled courses. A student must file petition requesting this option and attach a copy of military of "MW" will be assigned. Military withdrawals will not be counted in progress probation and dismissal calculations

For more information, call the Yuba College Veteran Service Office at (530) 741-6822.

## Workforce innovation and

## Opportunity Act (WIOA)

The Workforce Innovation and Opportunity Act WIOA) is a federally funded program that offers financia assistance to qualifying individuals who wish to obtain focational training and have un-met needs after applying as the BOGW fee waiver) and financial aid. The progran helps students find a job or train for a new career. Autho OA activities provided at the local level benefit jo new entrants to the workforce, veterans, and employers These activities promote an increase in the employmen ob retention, earnings, and occupational skill attainme by participants. his improves the qualty os he workforte dependency and enhances the productivity and competitiveness of the nation. Acquiring employmen retention, and self-sufficiency through training are priorities with WIOA. It is important that students choose a caree with a labor market need. If jobs are not available in the local area, students will nead

Tho
The WIOA Office is located in Room 121, in Building programs internetaccess, astudy area and asmall lending library for textbooks. Interested students should inquir in the WIOA office to qualify for on-the-job training, books supplies, tools, fees, lesting, transportation assistance, and ther school or job-related needs. This is not a loan and does not have to be repaid. The student may be receive still receive WIOA assistance. This is not an entitleme program. The student must qualify and then it is based on funds available at the county level. For more informatio call (530) 741-6830

## Writing and Language Developmen

 Center (WLDC)The Writing and Language Development Cente WLDC) is open to all currently enrolled Yuba College students during he fall and spring sessions and is locale following services are offered:

- Drop-in assistance for any writing assignment
- Help with MLA, APA, and Chicago style formatting
- One-time or regular weekly appointments
- Informal study space and private study rooms
- Proofreading tips
- ESL conversation groups
- English final exam workshops

Kurzweil 3000 software for assisted reading and writing
For more information call (530) 740-1709.

Yuba Community College Distric Foundation

History: The Foundation, located at the District Office Sestablished in 1972 to support academic programs an student scholarships in order to enhance student learning within the Yuba Community College District. Throughout th ubsequent decades, numerous gifts and sound investing have built the Foundation funds to a level of several million dollars, making the YCCD Foundation one of the large
uny college found
Vision-Mission: YCCD Foundation's purpose, within e mission of the District, is to seek, manage and administe unds or he bell mary educational facilities that compris he District. YCCD and its Foundation will, thereby, enhance is communities through support of this region's students.

Donations:As a registered 501 (c)(3), YCCD Founda is able to assure that all gifts received by the Foundation are fully tax deductible. The Foundation has received direct support through gifts of cash, real estate, equities and art hroughout its years of operation. Additionally, planned gifts such as wills, charitable remainder trusts, and insuranc ash gifts, such as laboratory equipment and classroom supplies, can also provide donors with a tax deduction.

Academic Program and Student Scholarship Sup port: The YCCD Foundation has been able to support cademic programs with purchases of equipment and upplies. This capability has allowed student learning to ow with ever evolving techn funds student schola equired purchases, such as ooks, so that students can e successful in attaining their ducational goals.

Programs: On the aver ge, between $45-50$ projects and scholarships persemester ons to the YCCD Foundation tions to the YCCDFoundation.


## Admissions

Yuba College does not restrict admission to residents of the District, nor does it restrict the privilege of District esidents to attend any other community college. Nonresident students are accepted on the same basis as California resident students, except that State law requires a tuition charge (see "Residency Requirements" below).

## Open Enrollment Policy

All courses, regardless of where offered, are open to members of the public who are otherwise eligible for admis sion with the following exceptions:

Courses that are specifically exempted by statute, including "impacted" allied health programs (such as Radiologic Technology, Veterinary Technology, Associate Degree Nursing and Psychiatric Technician).
Courses closed by maximum enrollment of students by the "priority registration" policies,
Courses with content that would be a repeat of a course of equivalent or more advanced course work previously aken by the student (exceptions require counselor evaluation and approval)
Applicants may apply for admission online by going to the Yuba College website at yc.yccd.edu

Admission to Impacted Programs: Impacted pro grams require a special application. For Associate De gree Nursing (ADN), Psychiatric Technician, Radiologic Technology call (530) 74
ogy call (530) $741-6786$.

International Students: Students must obtain a special application which may be downloaded from the Yuba College website, Admissions tab, or mailed upon request from Student Services Division, located on the a College campus or call (530) 741-6705
Age and/or High School Graduation Require ment: In general, all full-time students must have earned a high school diploma, a State Certificate of Proficiency
or the equivalent or be 18 years of age as of the date registration, as provided in Section 76000 of the Education Code, and meet Federal "Ability to Benefit" requirements.

Dual Enrollment of High School Students: A high chool student who has completed the eighth grade may be admitted on a part-time basis subject to the follow ing requirements with the written recommendation of the high school administrator and the parent's permis taken; students must have met any course prerequisite requirements; students are required to fulfill the minimum day requirement at their high school, or, for char-ter/home-schooled students, the parent has to verify tha the proposed college course work will not interfere with
the student's basic high school course work; charter o the student's basic high school course work; charter o lency certification documenting the grade level the student has achieved; charter or home-schooled students must present a copy of the affidavit submitted to the State or County Office of Education to document the student's involvement in an educational process; dual enrolled stumust be certified to be eligible for advanced scholastic or vocational coursework. Call the high school administra tor for information concerning authorization to enroll. Students are subject to all rules, regulations, and fees of the osident tuition foe will be waived for eligible students.

## Application Process and Steps to <br> Apply:

Sule an application for admission.
Submit high school and college transcripts; transcripts must be received by direct mail or electronically approved from the issuing institution or hand-carried in a sealed official envelope
Complete the College Placement Examination (CPT) within the last three years or it is suggested that it be repeated. It may be taken no more than three times in a two-year period.
Participate in an orientation program (usually done on-line) to become acquainted with the College's pro grams, services, academic expectations, procedures and regulations.
eet with a counselor to develop an educational plan appropriate to the student's goals and present learn strengthen a student's learning skills.

## Residency Requirements

California state law mandates that each student who applies for admission provide residency information and evidence as deemed necessary by the Admissions and sification. The following rules regarding residency determination are not a complete explanation. For further information, call the Admissions and Records Office. These rules are subject to change at any time in accordance with State law.

The residency determination date is the day prior to the first day of instruction for each semester.

General Rules for Residency

1. Persons who are 19 years of age or older may establish residence in accordance with the criteria listed birthday.
2. Persons who are under 19 years of age may establish residence in accordance with the criteria listed be w and the following. (a) Married minors may establish their own residence, and (b) an unmarried minor derive esidence from the parent with whom the student resid lerived from the parent with whom the student last lived The residence of an unmarried minor who has a parent lving cannot be changed by the student's act, by appointment of a legal guardian, or by relinquishment of a parnt's right of control.)
3. Active duty military personnel stationed in Cali.
4. A dependent child or spouse of an active duty military person stationed in California is entitled to res ence classification
5. A member of the armed forces of the United States stationed in California on active duty for more than hree years immediately prior to being discharged will be exempt from the non resident fees. Establishment of be demonstrated for one full year.
6. Persons who have had a "permanent residence "" for Pe yer may establish residence in accordance with the criteria listed below.
7. Nonresident and non-citizens (other than "nonmmigrant aliens" who are out of status with INS) who have attended a California high school for at least three years and who graduated from a California high schoo tion. (Obtain an AB $540 / A B 2000$ form online at the Ad ition. (Obtain an AB 540/AB 2000
missions and Records Forms tab.)
8. A student who was classified as nonresiden and is seeking reclassification as a resident MUST show inancial independence. Financial independence requires ot having been claimed as a dependent on state/federal han $\$ 750.00$ a year from a parent, and not having lived more than six weeks in a year with a parent in the immediately preceding twelve months. Students will be required to submit documentation showing how tuition and ing expenses were paid during the preceding yea

Criteria for Residency: Nonresident students do Ot automatically become residents by merely being in "proof of intent" to establish California residence for more than one year prior to the residence determination date The burden of proof rests with the student, not the Col ege. Students must present a combination of documen ation to prove intent to be a resident. Students must also how no contrary intent, that is, they must not have main'
ained residence status in their former state (i.e. driver's icense, taxes, car registration, etc.). Types of documen ation that may be submitted that will help to establish proof of intent (with lack of intent for residence in anothe tate) include the following. No one factor is decisive
Documentation: W-2 form; California State Income Tax payment; Driver's license; Motor vehicle ownership and registration; Purchase of property; Voter registration License from California for professional practice; Any othish residence classification.

A dent because of fassificication as a nonresident and payment of nonresident tuition or exclusion from class(es) upon notification. dulds classified as nonresidents may appeal the dec or within 30 days of the date of the residence classifi cation decision.

All students classified as nonresident are required to pay Nonresident Tuition Fee; the Enrollment Fee; and he Student Health Fee each semester. (See Schedule o lafsundable cup to the end of the second week of instruc tion of a semester (dates vary for short-term classes) if the student withdraws from a course. The date on which the withdrawal is received in the Admissions and Re-
cords Office will determine the refund date.

Refunds shall not exceed the amount of tuition paid and will be processed in accordance with District regula tions (see "Refund" section).

## International Student Admission

Under Federal law, Yuba College is authorized to en oll students on F -1 student visas for associate degre for admission must request an International Student ap plication packet from the Dean, Student Services by calling (530) 741-6705

The deadlines to apply are May 15 for the fall semester and December 1 for the spring semester. Since applications will not be considered untr all required docuapplications early.

To be considered for admission, an international student must meet specific criteria:

- Pay Tuition, Enrollment Fees and the Student Health Fee at the time of registration. (See current fees in Schedule of Classes.)
Complete the required application packet which consists of:

1. Application form, including a recent photograph.
2. Copies of high school and college transcripts.
3. A TOEFL examination with test scores sent from the testing service to Yuba College (minimum score of 152 on the Computer-based test, or 53 on the Internetbased test is required.)
4. A letter of English Proficiency
5. A certified financial statement, showing evidence of support, in U.S. dollars, for the duration of the $\$ 13,000$ annually without planning to work while in the U.S.)
6. A letter of recommendation.
7. A certificate of health to include a special test for tuberculosis.
8. A $\$ 25$ Application Processing Fee

International students accepted for admission are equired to:

- Carry their own health insurance and to provide a copy of proof of health coverage to the Student Services Department at Yuba College
Pursue a specific degree program, and upon arrival at Yuba College meet with a counselor to develop an individual Education Plan. Students will be expected to follow the Education Plan while studying at Yuba

Register in required English courses each semester
until graduation requirements are met. until graduation requirements are met.
Complete a minimum of 12 units each semester with at least a " $C$ " grade point average.
Complete academic program in a maximum of six semesters.
Work with the International Student Representative to meet all requirements for international students.
Provide own housing.

Only those students who agree to each of the abov requirements and meet the above criteria will be considaccepted to Yuba College will be mailed the Immigration and Naturalization Form I-20.

## Student Success Act of 2012

The Student Success Act of 2012, which provides leg islative guidelines for the creation of the student Succes complete Orientation, Assessment and a Student Education Plan. For more information visit the California Community College Chancellor's Office website at www.cccco.edu and view SB 1456 or Student Success Act of 2012

All entering students must complete the following Student Success and SupportProgram matriculation steps:

- Complete the online admissions application
- Complete the placementexamination (unless exempt) -Have high school and/or college transcripts sent to the Admissions and Records Office at the Yuba College campus
- Complete the online orientation
- Meet with a counselor to discuss and develop an educational plan and select appropriate classes for registration

Exemptions: Students may be exempt from the placement, orientation and/or counseling components of matriculation if they meet certain criteria. Students seeking an exemption from any part of the matriculation process must submit an exemption form. The student's statemen forms are available at all counseling offices.

Students who meet the exemption criteria will be clas sified as non-matriculants which will:

- Affect registration priority or registration in subse quent term
- Require an educational plan to be developed with a
counseloronce fifteendegree applicable units are completed
- students who plan to enroll in English and math-
ematics courses or courses with a heavy writing, reading
or math content or math content
- students who plan to graduate or transfer units to
nother institution another institution
- high school students participating in dual enrollment

Multiple Measure Exceptions: Students may be ex-
empt from one or more parts of the placement exam based on the use of multiple measures including high school GPA CAASPP EAP scores, SAT scores, ACT scores, AP score and grades in HS courses.
To determine eligibility for exemption and course placement, high school transcripts and/or test and examination
score reports may be submitted to the Yuba College Asscore reports may be submitted to the Yuba College As-
sessment and Testing Center at either the Yuba College campus or the Sutter County Center.

Multiple Measures placement cannot be used by tudents who have already started or completed YCCD math or English classes.
Transferring Placement Test Scores from Other Colleges: Students may transfer placement test scores for another community college for use at Yuba College provided the test is approved by the State Chancellor as a Second Party Assessment Instrument and the scores can be no older than three years. It is the student's responsibility to have the other institution provide the testscores to the Yuba College Assessment and Testing Center. Placement will be made in accordance with current policies and procedures and may differ from the placement at the previous college tudents have the option of taking the Yuba College Place ment Examination instead of transferring their test scores.
Placement Challenges: Students who have completed math and/or English classes at another college may chalenge the Placement Exam by filing a Prerequisite Challenge
Form with the Student Services Department. The results of the challenge are final. Students should seek counselor assistance when filing a prerequisite challenge.

Scheduling a Placement Examination: The Placement Examination is offered at all locations of Yuba College and at selecthigh schools. Students who are required to take he Placement Examination should contact the Assessment nd Testing Center at Yuba College (530) 741-6864, Beale Center (530) 751-5600.

## Placement Levels

Placement scores identify the course level appropriate for each student's level of academic skill in English, mathematics, and reading. After successfully completing the placement-level course, students advance to the next level, and continue to progress until degree requirements advice in selectints are encouraged to seek counselo tional goals.

Placement Level English Courses
1003
1004
1005
Placement Level
2003
2005
2008
2009

| Placement Level | Placement Courses | Supplemental ESL Courses |
| :---: | :---: | :---: |
| 4100 | Level-1 course ESL 215 | $\begin{aligned} & \text { ESL 212, 213, } \\ & 214 \end{aligned}$ |
| 4200 | Level-2 course ESL 225 | $\begin{aligned} & \text { ESL 222, 223, } \\ & \text { 224, 226L, 229AC } \end{aligned}$ |
| 4300 | Level-3 course ESL 235 | $\begin{aligned} & \text { ESL 233, } \\ & \text { 239ECE, 239MAT } \end{aligned}$ |
| 4400 | Level-4 course ESL 245 | $\begin{aligned} & \text { ESL } 243 \text {, } \\ & 246 \mathrm{~L}, 249 \mathrm{COM} \end{aligned}$ |
| 4500 | Level-5 course ESL 255 | $\begin{aligned} & \text { ESL 253, } 258 \\ & \text { 259EMP, 259MAT } \end{aligned}$ |
| 4600 | Level-6 course ESL 265 | ESL 263, 268 |
| 4700 | Level-7 course ESL 116A | ESL 40A |
| 4800 | Level-8 course ESL 116B | ESL 40B or 40C |

English 105 or
nglish 56 (accelerated)
English 51 or
English 56 (accelerated)
Mathematics Courses
Math 111
Math 101 or
General Business 56
Math 51, Math 52 , Math 55 , or Math 58 Math 9, Math 10, Math 15 , Math 20, Math 21 or Math 25 and Statistics 1
Math 1A

ADVISORY PLACEMENT LEVELS FOR COURSE REQUIRING COLLEGE-LEVEL SKILLS

Many "entry level courses" that are numbered 1-99 carry credit/ units that apply toward the associate degree have advisory skills for successful participation. It is recommended that students meet the language, math and with a description that includes an " L ", " M ." and/or " C ".

The (L) designation means that the content of the Course is such that the student must have college-leve dents may meet the requirements for the (L) courses by one of the following:

1. Achieving an English placement level of 1005 or higher,
2. Achieving a grade of " C " or better in English 51 or 56 ,
3. Achieving eligibility to enroll in English 1A, 1B, or 1C,
4. Possessing an A.A. or A.S. degree or higher

The ( M ) designation means that the content of the course is such that the student must have college-leve math skills to successfully participate in the course. Students may meet the requirements for ( M ) courses by one of the following:

1. Achieving a math placement level of 2005 or higher
2. Achieving a grade of " $C$ " or better in Math 101 o Math 101B,
3. Achieving eligibility to enroll in Math $51,52,55$,
or 58,
4. Possessing an A.A. or A.S. degree or higher

The (C) designation means that the content of the course is such that the student must have computer literacy skills to successfully complete the course. Students may meet the requirements (C) by having basi computer skills.


## Student Fees and Expenses

All fees quoted below are those known at the time this Catalog went to press.
STATE-MANDATED ENROLLMENT FEE: All students (unless at the time of registration they qualify for exemp tion* under State mandates) are subject to an Enrollment Fee. These fees are established by the State legislature and are determined at the time of enrollment by the student's unit load. The current fee is $\$ 46$ per unit
*Exemptions: State regulations provide the following three programs to help eligible low income students with California residence status to have the Enrollment Fee waived.

## CALIFORNIA COLLEGE PROMISE GRANT (CCPG) Formerly known as Board of Governors Fee Waiver:

 Beginning the 2018/2019 aid year, the Board of Governors Fee Waiver (BOGFW) will be called the California College Promise Grant. Thequalifying students.
-California College Promise Grant (CCPG) Program A. For any student who, at the time of registration, is a recipient of (1) TANF (Temporary Assistance for Needy Families); (2) SSI/SSP (Supplementary Security Income/State Supplementary Program); (3) General Assistance/General Relief Program; or (4) The California Department of Veteran Affairs or the National Guard Adjutant General's Certification of Eligibility for a dependent's fee waiver.
-California College Promise Grant (CCPG) Program B. For low income students who meet eligibility requirements.
-California College Promise Grant (CCPG) Program C. For low income students who qualify for Financial Aid.
Prior to registration, students in any of these categories should obtain the appropriate application materials from the Financial Aid Office for exemptions.
STUDENT SUCCESS ACT OF 2012: In an effort to help students succeed in the California community colleges, the Student Success Act of 2012 (California Senate Bill 1456) was signed into law by Governor Brown. Among other eligibility for the California College Promise Grant (CCPG). These are different and separate standards from those for student federal aid and Cal Grants.

Effective Fall 2016, California Community College students receiving the California College Promise Grant must meet minimum academic and progress standards to remain eligible for the CCPG.

Students Must:
Students Must:

- Maintain a cumulative GPA of 2.00 - Successfully complete at least $50 \%$ of all units attempted
Measurement of these standards began in fall 2016
Measurement of these standards began in fall 2016 .
Students not meeting the new standards are notified within 30 days of the end of each term. Students will be Students not meeting the new standards are notified within 3 days of the end of each term. Students will be
placed on either Academic (GPA) and//r Progress (Course Completion) probation. The notification will include an alert
that a second term of probation will result in loss of CCPG eligibility. After the second consecutive term of probation, students may lose eligibility for the CCPG for their next registration opportunity.

How to regain eligibility. If CCPG eligibility has been lost, there are ways to have it reinstated:

- Improve GPA or Course Completion measures to meet the academic and progress standards
- Successful appeal regarding extenuating circumstances
- Not attending the same college district for two consecutive primary terms (fall/spring semesters, or fall/winter/ spring quarters)

The appeals process for extenuating circumstances includes:

- Verified accidents, illness or other circumstances beyond student's control
- Changes in economic situation

Evidence of inability to obtain essential support services

- Special consideration factors for CalWORKs, EOPS, DSPS and veteran students

Disabily
Foster youth and former foster youth (age 24 years and younger) are not subject to loss of the CCPG under these regulations
bog.aspx

NONRESIDENT/NON-CITIZEN TUITION. Students who have not established California residency in accor-
dance with state regulations (see "Residency" section) will be required to pay the Nonresident Tuition Fee $\$ 234$ per unit. Students who are both citizens and residents of a foreign country are required to pay $\$ 234$ per

STUDENT HEALTH FEE. All students ar quired to pay a $\$ 10$ Student Health Fee each se nester/summer session. Students who depend exclusively upon prayer for healing in accordance with en verification from an authorized church official) are exempt from paying the Student Health Fee. This church documentation must be submitted to the office of the Vice President of Academic and Student Services for the exption.
PARKING FEE. Students who drive vehicles on campus will pay a Parking Fee and be issued a decal As an option, students may purchase a $\$ 2$ daily parking pass in lieu of a semester decal. The Parking Fee covers day and evening campus attendance. All nontudent visitors may park in the General Parking Lots and must display either a valid semester parking decal or a 2 daily parking pass
Parking fees are nonrefundable after the fourenth calendar day of the full-semester.
ASSOCIATED STUDENTS OF YUBA COLLEGE ASYC). The Associated Students of Yuba College colect a voluntary annual A.S. Y.C. Fee of

TEXTBOOKS, SUPPLIES AND OTHER RELATED COSTS. All students should be prepared to purchase their rect school expenses for the entire year, including books, will probably average $\$ 600$ to $\$ 700$; book costs for prerofessional students (such as engineering and med

Yuba College offers som
Yook courses with zero cos textbooks on WebAdvisor.

Students in some health-care courses and programs such as Nursing, Psychiatric Technology, Radiologic lechnology) are required to pay for drug testing, film badges, a background check, and other related items does not cover these expenses.

Average Expenses Included in the 2018-2019 Yuba College Financial Aid Budget for a
*State-mandated Enrollment Fee

## Books and Supplies

Food and Housing
Misc Personal Expense
Misc
12 units per semesese plus sio sum
2018-2019 Catalog

## Refunds

ENROLLMENT/STUDENT SERVICES FEES NONRESIDENT TUITION. Enrollment fees can be paid by cash, check, money order, debit card or credit card. can Express.

Students can request a refund of their student fees hrough the online request form in Webadvisor. Please allow four weeks for processing. A $\$ 10$ processing fee is charged for refunds. This amount will be deducted from he refund amount.
Students are eligible for a refund of these Fees if the procedures below are followed

- The student officially drops the class on or before the refund deadine (Friday ending the second week of instruction foss) and short-term class), and
- The drop(s) reduces the student's currently enrolled unit load
Refund dates vary for each short term class (see refund deadline information listed in the Schedule of Classes) Dropping before the refund deadine date for the class may be refunded
Ifstudents paid enrollment fees and subsequently wer on the student account for which to request a refund contact Admissions and Records at Yuba College or the Sutter County Center
If fees were paid by check there is a three week waiting period before the refund can be processed. If fees were paid by cash or check, the refund will be issued by check to the student.
If fees were paid by credit card or debit card, the re fund will be processed back to the same card unless th ssued by cock to the student to the student.
Students with questions regarding a refund in proces should contact the YCCD Fiscal Services Department a cashier@yccd.edu.
At the end of each fiscal year any credits on the studen account will first be applied to other outstanding fees. Any is the student's responsibility to by refund to the student. ent address and telephone number ind maintain cur WebAdvisoror through the Admissions and Records Office.

PARKING PERMIT. Students who withdraw from classes before the fourteenth day of the semester may apply for a refund of the Parking Permit. The parking permit must be returned to the Admissions and Records the Admissions and Records Office will void the parking permit, and the refund will be issued to the student less an administrative processing fee.

## Financial Aid

## FINANCIAL AID

The role of the Financial Aid Office is to help eligible students pursue their educational goals. The objective is oprovide funds and servicesto to eligible students, following has offices at Yuba College and the Sutter County Center. or questions call (530) $741-6597$ or visit the website at yc.yccd.edulstudentfinancialaid

## Criteria and Procedures for Financial

 AidThe application form to be used for most financial aid programs is the Free Application for Federal Student Aid Program (FAFSA). In order to determine "need" for finannecessary, Award funds are made based on this tion ncome, assets, debts, size of family, and number of family nembers in college are important factors considered in the calculation. This information is reported on he application orm and forwarded to the central processor for furthe rocessing. Supporting documentation is required based

## Deadline for Filing Financial Aid

Applications
Applications for each academic year are available as early as October 1st, and are processed on a first-come first-served basis. All awards are based on student eligAid funds, eligible students must have a complete file with he Financial Aid Office at Yuba College by the last day of instruction of the academic year. This may include th

## Satisfactory Academic Progress

Students awarded financial aid funds are required, by ederal regulations, to make satisfactory academic progres owards achieving their Financial Aid approved educationa oal. The specific requirements are described and included FinancialAid Office and posted on the FinancialAid web site at yc.yccd.edu. Academic Progress towards the students dentified educational goal is required in order to continue eceiving funds. Failure to make academic progress or be ol may resul in tormina of Financial Aid oal may result in termination of Financial Aid.
RETURN TO TITLE 4 (R2T4). Students who drop $0 \%$ of the term may be required to repay any unearne federal funds to Yuba College or to the Department of Education, per Federal regulations.

Programs Available to Yuba College

## Student

Scholarships. Many scholarships are available to help students meet the cost of their education. Thes scholarships become available through private suppor from individuals and organizations in the Yuba Colleg Most scholarships are based on academic achievement thers are based on financial need. A complete listing of all scholarships offered, eligibility requirements, deadine dates, and application information is availab Aid web site at yc.yccd.edu.

Grants. Federal, State, and Institutional grant program are available to eligible Yuba College students. Thes unds are based on financial need criteria and eligibility and paid two times per semester. Included are Feder Opportunity Grant, BIA (Bureau of Indian Affairs) Grant EOPS (Extended Opportunity Program and Services) Grant, CARE (Cooperative Agency Resources for Education) Grant, Chaffee Grant, Cal Grants B and C, full-time Student Success Grant and Communit College Completion Grant.

California College Promise Grant (CCPG). Formerly known as Board of Governors Fee Waiver (BOG) The waiver of student fees provided by the CCPG Program is designed to ensure that the fee policies of the California Community Colleges (CCC) are not a or eligible non-resident. Enrollment fees for CCC students are determined annually by the Legislature and the Governor and can be adjusted whenever it is deemed appropriate. These fees are waived for need tudents as defined by the CCPG program throug appropriations assessed in the annual state Budge of, or in addition to, the FAFSA or Dream Act Application o qualify for the CCPG and/or other student service programs and benefits (EOPS/CARE, etc.)

Work Study. The Federal Work Study (FWS) Program provides jobs for eligible students awarded $F$ Ws fund is not a job guarantee. Call the Financial Aid Office for additional information.

Direct Loans. Contact the Financial Aid Office for information on Student Loans

AB 540 and the California Dream Act
The Law: AB 540 authorizes any student, including undocumented students, who meet specific criteria to pay

AB 540 Eligibility Requirements:

- Must have attended a California high school for 3 or more years, or
- Attained credits earned in California from a Califor nia high school equivalent to three or more years
of full-time high school course work and attended a combination of elementary middle and/or hig schools in California for a total of three or more years, and
Must have graduated from a California high schoo or attained the equivalent of a high school diploma (received a GED or passed the Calfornia Hig School Proficiency Exam)
Must have registered or currently be enrolled a institution of higher education in California
Must have filed or will file an affidavitstating that will apply for legal residency as soon as possible; an non-immigrant Visa 5 .


## AB 540 Affidavit-

lon, students must obtain exemption from non-residen 40 Affidavittothe Admission, complete, and submit the AB ay be required to submit additional docds Office. Students保 school graduation or the equivalent

The California Dream Act
AB 130 allows students, who meet AB 540 criteria California Education Code 68130.5(a)), to apply for and receive non-state funded scholarships for public colleges and universities; AB 131 allows students, who meet AB 540 criteria, to apply for and receive state-funded financia Grant, Cal Grant and Chatse Callo Tia College Promis tudents are allowed to apply for the following types financial aid:

California College Promise Grant (CCPG) - For Waiver (BOG)

State financial aid like Cal Grants and Chafee Grants
Assistance from EOPS, CARE or CalWORKs
Privately-funded scholarships

If eligible for AB 540 , students mus:

- Contact the Admissions and Records Office to documentation to establish eligibility
Contact the Financial Aid Office to determine the next steps to take
Students who have a Social Security Number need to complete the FAFSA at: www.FAFSA.gov Students who do nothave a Social Security Number
need to submit a California Dream Act application available at: $\mathrm{https}: / / d$ ream.csac.ca.gov/

As of October 5, 2017, Senate Bill 68 was approved which expands AB 540 to enable students to count year spent at a California Community Coliege and Adult Schoo towards AB 540 eligibility. Additionally, the bill will allow of completion of an Associate's Degree or satisfactio of California (UC) or California Sate University (CSU) to meet the degree or units requirements, which expand possibilities for a student to qualify for in-state tuition and nancial aid at CCCs and the CSUs

## Hope Scholarship (Tax Relief) and Lifetime Learning Credit

The Hope Scholarship is actually a tax credit, not a scholarship. Tax credits are subtracted directly from the tax ax deduction A family must file a tax return nad in orderto take advantage of it The Hope Scholarship credit is not refundable for families who do not pay taxes. The federal government created the Hope Scholarship to allow families the opportunity to deduct the enrollmentttuition fees paid for attending college for income tax purposes. There income tax purposes; consult a tax advisor for questions.

At the end of each calendar year, Yuba College w students who met the requird criteria (does not aply fees were waived or paid by another agency). The 1098 statement includes payments for tuition charged during the year.

## College Life

## Athletics

Yuba College is a member of the Bay Valley Conference, Northern California Football Conference, California, Community College Athletic Association
(CCCAA), which functions as part of the Community College League of Califorria, and participates in men's and women's basketball, baseball, men's and women's cross country football, men's and women's soccere, men's nd women's strack \& field, softball, and volleyball. (Refer

## Campus Police Department

The Yuba Community College District Police Department is committed to ensuring the safety of our students, ment is involved in keeping the campuses safe and secure. However, a truly safe campus can only be achieved through he cooperation of all students, employees, and visitors he Yuba Community Coliege District covers nearly 4,200 square miles, and currently has six educational sites in five sional law enforcement services at all six educational sites

The Police Department on the Yuba College Campus located in Warren Hall, Building 1600. The Police De partment can be reached by calling 6771 from any campus
 phones. In case of an emergency, call 911 from any phon ocated on campus. The Police Department provides the following services:

Campus Patrols: The Yuba Community College Disoct Police Department uses uniformed and non-uniformed fot. These patrols are conducted on the roadways and walkways of the campus, as well as in buildings.

Safety Escort Service: Students who feel fearful walk ing on campus may request a safety escort by dialing exten sion 6771 from any campus phone or (530) 741-6771 from ther phones. After business hours, call the Campus Police cellular phone at (530) 870-1158. Provide the YCCDPD on campus. If there are special circumstances or risks the student knows about, be sure to share them with the officer Subject to availability, an officer will be dispatched to the students location to walk with the student to the desired a vehicle if it is more practical based on conditions.

Vehicle Jumpstart Courtesy Service: Police vehicle are equipped with battery jumpstart systems to allow of ficers to attempt to assist motorists who have discharged to officer availability and is performed only if the vehicl owner accepts the risk of damage. Normally there is very little risk, however officers are not trained mechanics, and rom time to time damage may occur. Persons who have insurance coverage for jumpstart service or who do not want to accept the
sional mechanic.

Sex Offender Registration Program: The State of California requires sex offenders to register with the polic ithis information available to law enforcement agencies, The information is available to the public at the local police department. State law also requires sex offenders to regis er with YCCDPD if they are working at one of the colleg campuses (inclua ngco thers must update their registration the the beginning of each instructional semester. The Family Education Rights and Privacy Act (FERPA) does not prohibit releas of data on registered sex offenders.

Police department staff registers sex offenders, as prescribed by law, and actively tracks sex offenders regis tered with the police department each semester. Megan's Law allows the public to view information about "Serious" and "High Risk sexual offenders that may be resiang potential risks in their community. The public can then make informed decisions when taking safety precaution to protect themselves and their children from sex offenders. Visit the on-line sex offender registration web site at http://meganslaw.ca.gov.

Jeanne Clery Disclosure: In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act, Yuba Coliege publishes and distribute the previous three years concerning reported crimes that occurred on campus, in off campus buildings or property owned or controlled by Yuba College, and on pubic propert within or immediately adjacent to and accessible from th campus. The report may be obtained at the Yuba Colleg campus-safety/jeanne-clery-report/

Police Cadet Program: The Police Cadet Program employs a diverse group of Yuba Community College Distric community, while helping to to of the district parking policy. Police Cadets provide high visibility, uniformed patrol of the campus. This includes, but is not limited to, the campus, buildings, and parking department.

Children in Class
Attendance in a class is limited to those students who are officially registered in accordance with State and Distric egulations. This includes dual enrolled high school students Children are prohibited from attending classes. Classes assroom In addition the College assumes no liability for injuries that may occur to the child.

## Clubs and Organizations

Clubs and organizations cater to and meet the cademic, social, and political needs of a wide variety of students; they provide participation in extracurricula activities both on- and off-campus. Information concerning ubs and organizations can be obtained from the Studen Council by calling ( 530 ) 741-6829 or visiting yc.yccd he current academic year (depends largely on studen participation).
Associated Students of Yuba College
Associate Club
CNSA
Green Futures
ba College Literary Arts Club
Math Club
Phi Theta Kappa Beta Omicron Chi Chapter
Photo Guild
Psychology Club
Psych Tec
Puente
Secular Student Alliance Spanish Organ
Speech Club
zation of Yuba Coll
Umoja / Black Student Change
Yuba College Student Veterans Assn.
Veterinary Technology Club
The Associated Students of Yuba College (ASYC) is he title of the official organization which controls studen affairs. The Student Council, the governing body of the and represents students' views and interests to the administration and Board of Trustees through participation on college committees.

## Colors and Nickname

The college colors are navy blue and gold. The nick ." The mascot is Dusty the Forty Niner.

## Conduct and Discipline

If a student's conduct violates District rules or legulations, the Code of Conduct for Students, of pubic sanctions" included in the Code, which are:

- Removal from class. An instructor may remove a student from his or her class for the day of remova and the next class meeting. In the case of the Library, remova would be for the day and the next college day he instructor shall immediately report the removal of appropriate action.
- A written or verbal reprimand. An admonition to the student to cease and desist from conduct determined mands are given in a disciplinary conference with a administrator. Written reprimands may become part o the student's permanent record at the college. Verba reprimands may become a part of a student's record at the college for a period of up to one yea
- Disciplinary probation. The disciplinary authority has the discretion to impose an appropriate probationary period consistent with these procedures. A copy of th written disciplinary probation is filed in the student' permanent file. In addition, if the student is a minor, a
copy of the letter shall be sent to the student's parent or guardian, and the parent or guardian shall be invite to confer with the college administrator imposing the discipline.

- Immediate interim suspension. The suspension from one or more classes when required to protec lives or property and to ensure the maintenance of
order. A student may be placed on immediate interim suspension without prior notice, provided that student is provided a reasonable opportunity for a hearing within ten (10) days of the first day of suspension.
- Short-term suspension. The suspension from one or more classes for a period of up to ten (10) consecutive instructional days.
- Long-term suspension. The exclusion of the studen from one or more classes for more than ten (10) consecutive instructional days, or from all classes and activities of the college for one or more additional terms.
Expulsion. The exclusion of the student by the Board of Trustees from the college indefinitely when othe means of correction fail to bring about proper conduct, or when the presence of the student causes continu Code §76030.) Code §76030
A copy of the Yuba College Code of Conduct for Students may be obtained from the Office of the Vice President of the Yuba College website under the Resources tab.


## Dress Regulations

Based on the YCCD Student Code of Conduct, Yuba College students are expected to demonstrate maturity and exercise good judgment and taste in everyday attire Whatever the student's judgment, however, every individua footwear in all campus buildings. Specific footwear may erequired in specific areas of the campus due to safety and/or potential damage to the flooring. Additional dress regulations may be imposed upon students participating certain programs or extracuricular activities sponsore organized by the college.

## Drug Free School Policy

The Districtrecognizes that substance abuse is a majo health problem throughout the United States. Therefore must be involved. The single consistent message is that substance abuse is wrong, dangerous, and will not be tolerated. Yuba College has a "zero tolerance" policy; al campuses and centers are to be alcohol and drug free
It is the stated policy of the District to implement a comprehensive substance abuse strategy that will work more effectively in combating use and potential use of drugs by students. The policy sets forth procedures tha drugs and alcohol, but also encourages each individual to act to prevent the sale and use of drugs.

The following program principles have been adopted mplement this policy:

- The Student Code of Conduct, supported by Education Code Section 60041 (b), prohibits the unlawful posses sion, use, or distribution of illicit drugs and/or alcohol by students on its property or as part of any of its activities. Information regarding applicable legal sanctions unde local, State, and Federal law for the unlawful possessio to all students through the Yuba College Campus Polic Department, the Yuba College Student Health Clinic the Student Services Department or the President Office
Educational materials regarding health risks associated with the use of illicit drugs and the abuse of alcoho are made available to all students through the Studen Health Cinic. More indepth information is availab through the Chemical Dependency Program courses. Information regarding resources for drug or alcoh Student Health Clinic.
The Office of the Vice President of Academic and Studen Services will keep records of all disciplinary actions and evaluate the consistency of all enforcement.


## Music

The Music Department provides a stimulating environment nurturing discovery, development, and recognition of the creative spirit. Students can participate in various performing ensembles including Chamber Singers, Concert Choir, Jazz Band and Symphonic Band or learn to mak music through classes in piano, guitar or voice. More seriou students of music can un transerequired curriculum for an courses also include those that meet the GE requirement including World Music, Popular Music in the U. S., Music as Culture, Music and Jazz Appreciation, and Rock Music and Culture. The Department also offers a number of public concerts for the students and the community, incluaing luse concerts, pubic outreach concerts and more.

## Recording Device Usage

The use of any electronic listening or recording device in classrooms requires the professor's permission. If such equipment is necessary to provide reasonable auxiliary aid and academic adjustment to students with disabilitie Services at Yuba College at (530) 741-6758.

## Safe Zone

Yuba College is committed to creating a safe and open environment for all students, staff, and faculty.

Yuba College pledges:

- To promote a positive learning environment free of bias,discrimination, intolerance and violence.
- To engage in civil and informed dialogue with those who may have different views.
- To recognize and respect the need for privacy an to comply with all related polices (FERPA)
- To act upon instances of bias, discrimination, intolerance or violence that are witnessed or reported.
To feel physically safe and establish a sense of community through extra campus security and consolidate evening c


## Smoking and Tobacco/

## Nicotine Use Policy

In the interest of public health, Yuba Community College District and its colleges became a tobacco/nicotin all employees, students, vendors, volunteers and visitors

Use of any form of tobacco/nicotine is prohibited at al mes in the following areas:

- On all owned, rented, and leased Yuba Community

College District properties, grounds and building
within the Yuba Community College District.
In all Yuba College and Yuba Community College equipment.
This prohibition includes but is not limited to cigarettes, cigars, bidis, pipes, hookah electronic cigarettes and smokeless tobacco/nicotine products.

Student Complaints and Grievances
Student Due Process: Complaints and Grievances Yuba College is committed to serving students in a respec rights of all members of the campus community and ensure every student a fair opportunity to pursue their academic goals. The procedures outlined below are available any student who reasonable believes that they have bee affected his or her rights as a Yuba College student or is not in compliance with College policies or state or federal laws.

Student complaints are classified into four categories: 1) Grade changes
2) General complaints and grievances
3) Discrimination and harassment complaints; and
4) Complaints to external agencies

Complaint Process:
Step 1: Meet with the instructor or staff member to discuss the complaint.
Step 2: If the student is unable to resolve the concer with a faculty member, meet with the Division Dean. the complaint is about an office or service and was not discuss the concern.

Regardless of the type of complaint and as stated in ste above, students are iristencouraged to discuss the conresponsible for the decision or action for which they have a concern (informal resolution). Informal resolution allow the faculty or staff to hear the student's concerns and work with the student to resolve the issue. However, a student has the right to pursue a formal complaint procedures any time. Selow for

Thp
Grade Changes: Administrative Procedures 4231 out lines the process by which a dispute of a final grade for course may be resolved in a fair manner and in accordance
with state law. Students should note that the determination of the student's grade is final in the absence of mistak fraud, bad faith or incompetence (Education Code 76224)
The requestfor a grade change must be initiated withinth semesterfollowing the posting of a disputed grade. Students seeking a grade change should contact the instructor and request a grade change. If the instructor does not agre with the grade change request, the student should the meet with the appropriate dean. If the above process does
not lead to resolution, a student has the option to submit Grade Change Appeal form to initiate the Formal Grad Change Resolution Process by the Academic Standards Committee. The Grade Appeal Form is located at: https:/I yc.yccd.edu/student/student-grievance/

General Complaints and Grievances: Individuals who are dissatisfied with a campus policy or procedure file a complaint. The College encourages all members of the campus community to attempt to resolve all issues informally by dealing directly with the staff and faculty nvolved. However, a student can file a formal Statement of Grievance form within 30 workdays of the incident or 30 workdays after the student learns of the basis for the griev Grievance, the Grievance Officer will work with the studen o determine if the issue is grievable and to determine if a
formal Grievance Hearing is required.
See the following documents for more information:

- Administrative Procedure 5530
- Statement of Grievance Form
- Request for Grievance Form
- Student Code of Conduct

See Administrative Procedure 5530 (http:// ww.boarddocs.com/ca/yccd/Board.nsf dures available to any student who reasonably believes a college decision or action has adversely affected his or he status, rights or privileges as a student. The procedure hall include, but not be limited to, grievances regarding Sex discrimination as prohibited by Title IX of the Higher Education Amendments of 1972
Sexual Harassment
Financial Aid

- Illegal Discrimination

The exercise of rights of free expression protected by state and federal constitutions and Education Cod Section 76120
Discrimination and Harass ment Complaints: Students, file a complaint of discrimination on the basis of ethnic group identification, religion, age, gender, sexual orientation, color, or hysical or mental disability or ny other category of unlawfu Chief Human Resource Officer. o make an appointment call (530) 741-6976. See the follow ,

Administrative Procedure 3435

Tite IX: Yuba College supports and complies winh Title X of the Educalion Amaments of 1972 which prohibit sex discrimination in admission to, or employment in, al Title IX Coordinator at (530) 741-6976 or the Director of the Office for Civil Rights U.S. Department of Education, Washington DC.
Complaints to External Agencies: Most complaints and grievances are resolved at the campus level. Howeve some issues not resolved at the campus level may be presented to the agencies below. Note that specific agencies hande certain types of unresolved complaints.

1) Institutional Compliance with Academic Program Quality and Accreditation Standards: Contact
the Accrediting Commission for Community and Junior the Accrediting Commission for Community and Juni
Colleges (ACCJC) at: http://www.accic.org/complaint process
2) Unlawful Discrimination: Contact the Californi Community College Chancellor's Office at: http://ca aspx

## Theatre Arts

The Theatre Arts Department aims to provide its students with basic knowledge of the theater. Course are integrated around the central idea of learning and producing. Work in acting technique, design, costuming makeup, lighting, technical production, and other cra variety of plays. The Department offers several plays for students and the public during the academic year


## Academic Regulations and Information

The College reserves the right to change any College rule or regulation, including the scheduling of courses; the equirements for graduation; the requirements for admission, degrees, and fees; and any other regulations affecting ermined by the College. Failure to comply with established rules, regulations, policies, and/or procedures shall result ndisciplinary action and may result in dismissal from the College. Students who feel they have extenuating circum stances which excuse them from these academic regulations should:
Obtain a standard Student Petition from the Counseling Department/Student Services.
Seek the advice and recommendation from a counselor.
File the completed petition with the Counseling Department/Student Services for action by the Academic Standard
Committee.

## Family Educational Rights and

 Privacy Act (FERPA)The Family Educational Rights and Privacy Act FERPA) affords students certain rights with respect to heir education records. They are:

1. The right to inspect and review the student's edu cation records within 15 days of the day Yuba College receives a request for access.

If a student wishes to do so, the student should ee a counselor to start the process. The student folder hey were sent to YCCD by the student) and other dat hat may be important for student guidance. The College ranscript includes summary information from other col eges attended when those transcripts have been sent to he College for evaluation. These records are available for review by the student with the counselor or Studen

If this step does not cover the types of records re quested, the student should submit to the Dean, Student Services, a written request that identifies the record(s) the student wishes to inspect. Staff will make arrange ments for access and notify the student of the time and place where the records may be inspected. If the records ace mointained by Student Services, the staff shal quest should be addressed.
2. The right to request the amendment of the stu ent's education records that the student believes are in accurate or misleading

Students may ask the College to amend a record hat they believe is inaccurate or misleading. The stu dent should write the College official responsible for the conts changed, and specify why it is inaccurate or mis leading

If Yuba College decides not to amend the record a equested by the student, the College official will notify

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Upon re
quest, the College discloses educational records withou consent to officials of another school in which a student seeks or intends to enroll.

Other than the permanent academic College record data is kept only as long as it is pertinent.
4. The right to file a complaint with the U.S. Yepartment of Education concerning alleged failures by PA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW

Washington, DC 20202-8520

## Academic Renewa

The Yuba Community College District Board of Trustees permits the alleviation of substandard ("D" and "F") academic performance, which is shown not to be reflective of the student's recent performance. This policy is adopted for students who need a means of tempering
their previous student's transcript so they may successtheir previous student's transcript
Academic Renewal is subject to the following conditions
The maximum amount of course work that may be alleviated is 30 semester units.
Since the end of the semester to be alleviated, the student must have completed 12 semester units with 3.0 Grade Point Average (GPA), 18 semester units ${ }^{2}$ "R" a.5 GPA, or 24 semester units with a 2.0 GPA A "P" grade will count as a "C" for computing the
grade point average for academic renewal purposes.
A minimum of two semesters must have elapsed since the course work to be alleviated was recorde Summer Session does not count as a semester)

The student must have completed at least 12 units in esidence in the YCCD.
Under no circumstances may course work be discounted that has been used in fulfillment of require ments for a degree or certificate
If the student is otherwise eligible for graduation, Academic Renewal may not be used to raise the grade point average (GPA) in order to qualify for graduation with honors.

No units that have been excluded by Academic Renewal can be reinstated.
Course work granted Academic Renewal status may be counted, if appropriate, toward fulfilment of pre equisites.

The student's transcript will be annotated in such a way that all work remains legible, ensuring a true and complete academic history
Students seeking Academic Renewal must petition the Academic Integrity Committee. The petition arises out of a consultation between the student and a counselor.
Current educational objectives should be discussed with a counselor, and the counselor's recommendation should be included on the petition.

YCCD will honor similar actions by other accredited colleges and universities in determining grade point averages and credits. However, students should be
aware that all course work is subject to reevaluation by each subsequent college.

## Transfer Credit from Other Colleges and Examinations

Students who previously attended other colleges may submit official transcripts from the colleges attend ed. Official transcripts may be submitted via direct mall
hand carried in a sealed official envelope or electronically delivered to Yuba College Admissions and Records Of fice. Official transcripts will be evaluated and credit applied as appropriate for lower division courses completed at colleges accredited by one of the regional accrediting associations (Western Association of Schools and Co es, North Central Association of Schools and Colleges, Northwest Association of Colleges and Schools, and Southern Association of Colleges and Schools.
Credit is also allowed for College Level Examination Program Subject examinations, DSST examinations, and College Board Advanced Placement examinations.

## Athletic Eligibility

Athletes are governed by the rules of the California Community College Athletic Association (CCCAA) the Bay Valley Conference, Northern Calionia footballicon regulations are:

- All students who are continuously enrolled in a minimum of 12 units are eligible for initial collegiate participation. mum of Nits units are eligible for initial collegiate partici
-All student-athletes must complete and pass a physical by a qualified medical professional prior to participating
- To maintain eligibility, student-athletes must 1) pass 6 time semester; 2) be continuous enrolled in 12 units during their season of competition.
-To participate in a second sport student-athlete must be enrolled in 12 units and have at least a 20 GPA , and pass 6 units in their previous full time semester.
-To participate in a second season of the same sport, sudent-athletes must be enrolled in 12 units ( nine of which re academic in nature), have , and have 24 unis ( 18 units

Foradditional information about eligibility requirements, referto the Athletic Constitution of the California Community
College Athletic Association (CCCAA). Northern California Football Conference, and the constitution of the Bay Valley Conference.

## Attendance

A student is expected to attend all sessions of each lass in which enrolled. Attendance is the student's responsibility. Any student who ceases to attend a class he Admissions and Records Office may receive a failing grade.

## Auditing Class

The Yuba Community College District Board of rustees has adopted the following guidelines authoriz ing the auditing of Section 76370

Auditors must be eligible for admission to the Colleg
as regularly enrolled students.
Students enrolling for credit will have priority in all redit classes. Auditing wint be permitted only at the conclusion of the late registration period.
Auditors will complete an Auditor Application Form, members instructing audit eligible courses have the right to refuse auditors.
The completed Auditor Application Form must be filed with the Admissions and Records Office.
A nonrefundable audit fee of $\$ 15$ per unit will be payable at the time of en
the Student Health Fee.
Students enrolled in ten units or more of credit classe will not be charged a fee to audit three (3) or fewe units per semester.
Auditors will not be charged the regular Enrollment Fee which is paid for credit enrollment, and the Nonresident Tuition Fee will not apply.
Course costs will be charged to auditors where ppropriate
Auditors must purchase parking permits to park on campus.
Auditors must meet course prerequisites
No transcript of record will be maintained for audited classes.
Auditors will not be counted in enrollment-based
decisions about maintaining or canceling classes.

No transfer from audit to credit status or the reverse will be permitted.
Audited classes do not count toward units for any purpose, e.g., financial aid, veteran's benefits, full time student status.

## Authority of Instructors

Every student is required to attend class regularly and instructors may report to the counselors and to the Dean the names of students whose attendance or work any student with excessive absences (as defined by instructor) which, in the instructor's judgment, will preve the student from meeting the objectives of the course

Pursuant to the Code of Conduct for Students, an instructor may remove a student from class for the day
of the removal and the next class meeting. The instructor shall immediately report the removal to the President The President or designee shall initiate a review proces to determine whether or not there are sufficient ground o remove the student permanently from the class.

## Basic Skills Pre-Collegiate Course

## Limitation

State regulations specify that students may take no more than 30 semester units in "Pre-collegiate Basic Skills" courses. This regulation applies to all course numbered 100-199, except ESL (English as a Second College as having a learning disability ollege as having a learning disability.
Students who are not eligible to move into collegiate level courses upon completion of the maximum 30
semester units of basic skills courses will be referred to adult education for future skill development and will be dismissed from attending Yuba College in pre-collegiate courses. Students should consult with a counselor approaching this limit.

## Catalog Rights

Students who have a notation (grade or "W") on their academic transcript in at least one semester of a calen dar year receive "catalog rights." Summer session does regulations determining graduation requirements. Students may elect the requirements in effect in the year they began their study within the Yuba Community College District or in the year they graduate from Yuba College Once catalog rights are established, absence related to
an approved educational leave or for attendance at an other accredited institution is not to be considered an interruption, providing the above attendance criteria are met.

> While catalog rights hold degree requirements, they do not apply to changes in prerequisites required in a given course. Prerequisite requirements are those stated in the "course Descriptions" section of the current catalog. Catalog rights do not apply to the multicultural graduation requirement (see "Graduation Requirements"). Classes used to meet the multicultural graduation requirement and the health/PE/KINES requirement must have been approved to satisfy the requirement at the time the class was taken.

## CLEP Exam Credit Acceptance Policy

Yuba College accepts the College-Level Examina ion Program (CLEP) examinations for credit in approachieved on a CLEP examination, Yuba College grants credit in the appropriate course(s) for each examination. The table below defines the credit offered and the course equivalent for each accepted CLEP examination.

CLEP Examination

## Subject Examinations

 Subject EEnglish:
College Composition Modut
College Composition Modular English Literature
Humanities
Business:
${ }_{\text {Financial A Accounting }}^{4}$
Information Syste
Applications
Introductory Business Law
Principles of Management
History and Social Sciences
History and Social Sciences:
American History I:
Early Colonization to 1877 American History II:
1865 to the Present 1865 to the Present
Introductory Sociology Social Sciences \& History
Western Civilization:
Ancient Near East to 16 Western Civilization:
1648 to Present
introductory Psychology Principles of Macroeconomics Principles of Microeconomics Sciences and Mathematics:

## Biology

Calculus
College Algebra
College Mathematics

Semester Yuba College Units Course Awarded Equivalent 6 ENGL 1A and 2 units elective ENGL 51
ENGL 30A ENGL 30A
ENGL 46A Humanities elective ACCT 1 and 1A BCA 15 GNBUS 18A

HIST 17A
HIST 17B SOCIL 1 Social Science elective
HIST 4A HIST 4B PSYCH 1A ECON 1A ECON 1A BIOL 10
MATH 1 A MATH 1A 10
CHEM 10 CHEM 10
MATH $20^{*}, 101^{*}$ or $52^{*}$
MATH 20 MATH $52+2$
units elective

## World/Foreign Language: French Language 1 French Language 2 French Language 2

 Spanish Language 1Spanish Language 2

| 6 | Non-lab science <br> elective for non- <br> science major |
| :--- | :--- |
| 4 | FRNCH $1^{*}$ |

Credit cannot be earned in both classes.

## DSST Exams

## Test <br> Business Mathematics <br> Criminal Justice <br> Environment \& Humanity Here's to Your Health Human Cult. Geography introduction Computer/Basic introduction to Computing Introduction to Law Enforcement ifespan Development Psy Physical Geology Principles of Financial Acct Physical Science I Principles of Physical Science Principles of Public Speaking Principles of Supervision <br> Semester Semest Units <br> ASTRO 1 GNBUS 56 <br> GNBUS 56 <br> AJ 10 Elective <br> Elective <br> MATH Elective HLTH 1 <br> HLTH 1 None <br> COMSC 10L <br> COMSC Elective <br> AJ 10 <br> PSYCH 41 MGMT Elective <br> MGMT 10 <br> GEOL 10 <br> PHYSC Elective <br> None SPECH <br> SPECH MGMT 5 <br> College Board Advanced Placement (AP) Examination Credit Acceptance Policy

Yuba College grants credit to students who have successfully completed College Board Advanced Place ment examinations with scores of 3,4 , and 5 . Studen must submit official Advanced Placement Examination scores to the Records and Admissions Office in order to receive credit. Credit awarded is based on Yuba College (YC), California Community College Chancellor's Office, (UC), and Intersegmental General Education Transfer Curriculum (IGETC) policy. Specific Yuba College course credit earned through AP Examination credit will be posted on the Yuba College transcript with a "P" grade. Students may not enroll in a course for which AP credit has been granted. Course credit and units granted by Yuba College colleges. Units listed are indicated in semester units unless indicated otherwise. For AP examinations taken prior to Fall 2013 which are not listed below, see a counselor for information on credit that may be awarded.

| AP Exam | YC Course Equivalent or Elective | $\begin{array}{\|l\|} \hline \text { YC GE Area } \\ \text { Credit; } \\ \text { GE } \\ \text { Units } \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline \mathrm{YC} \\ \text { Units } \end{array}$ |  | $\begin{array}{\|l\|l\|} \hline \text { CSU } \\ \text { GE-B } \\ \text { Units } \end{array}$ | $\begin{array}{\|l\|} \hline \text { CSU } \\ \text { Units } \end{array}$ | $\begin{array}{\|l\|l\|} \hline \text { IGETC } \\ \text { Area } \\ \text { Credit } \end{array}$ | $\begin{array}{\|l\|l\|} \hline \begin{array}{l} \text { IGETC } \\ \text { Units } \end{array} \\ \hline \text { Unig } \end{array}$ | $\begin{array}{\|l\|} \hline \text { UC } \\ \text { Quarter } \\ \text { Units } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Art History | ART 1A and Elective | Humanities; $3 \text { units }$ | 6 | C1 or C2 | 3 | 6 | 3 A or 3B | 3 | 8 |
| Biology | BIOL 10 L | Natural Science; 4 units | 4 | $\begin{array}{\|l\|} \hline \text { B2 and } \\ \text { B3 } \end{array}$ | 4 | 6 | $\begin{aligned} & 5 B \text { and } \\ & 5 C \end{aligned}$ | 4 | 8 |
| Calculus AB | MATH 1A | Language and Rationality; 4 units | 4 | B4 | 3 | 3 | 2A | 3 | 8 |
| Calculus BC | MATH 1B | Language <br> and <br> Rationality; <br> 4 units | 4 | B4 | 3 | 6 | 2A | 3 | 8 |
| Calculus BC/AB Subscore | N/A | Language and <br> Rationality; <br> 3 units | 3 | B4 | 3 | 3 | 2A | 3 | none |
| Chemistry | CHEM 2A | Natural <br> Science; <br> 5 units | 10 | $\begin{array}{\|l} \hline \text { B1 and } \\ \text { B3 } \end{array}$ | 4 | ${ }^{6}$ | $\begin{aligned} & \hline 5 A \text { and } \\ & 5 \mathrm{C} \end{aligned}$ | 4 | 8 |
| Chinese Language and Culture | N/A | Humanities; 3 units | 3 | C2 | ${ }^{3}$ | ${ }^{6}$ | $\begin{aligned} & \hline 3 \mathrm{~B} \text { and } \\ & 6 \mathrm{~A} \end{aligned}$ | 3 | ${ }^{8}$ |
| Comparative Government and Politics | Elective | Social <br> Science; <br> 3 units | 3 | D8 | 3 | ${ }^{3}$ | 4 | 3 | 4 |
| Computer Science A | Elective | N/A | 3 | N/A | none | 3 | N/A | N/A | 2 |
| Computer <br> Science <br> Principles | N/A | N/A | 3 | B4 | 3 | 3 | N/A | N/A | 8 |
| English Language and Composition | ENGL 1A <br> and <br> Elective | Language and Rationality; 4 units | ${ }^{6}$ | A2 | 3 | ${ }^{6}$ | 1A | ${ }^{3}$ | ${ }^{8}$ |
| English Literature and Composition | ENGL 1A <br> and <br> Elective | Language and Rationality; 4 units | 6 | $\begin{array}{l\|l\|} \hline A 2 \text { and } \\ C 2 \end{array}$ | 6 | 6 | 1 A or 3B | 3 | 8 |
| Environmental <br> Science <br> (test taken <br> Fall 2009 and <br> later) | N/A | Natural <br> Science; <br> 4 units | ${ }^{4}$ | $\begin{aligned} & \begin{array}{l} \text { B1 and } \\ \text { B3 } \end{array} \\ & \hline \end{aligned}$ | 4 | 4 | $\begin{aligned} & \hline \text { 5A and } \\ & 5 \mathrm{C} \end{aligned}$ | 3 | 4 |
| European History | $\begin{array}{\|l\|l\|} \hline \text { HIST 4A } \\ \text { and 4B } \end{array}$ | Social Science; 3 units | 6 | C2 or D6 | 3 | 6 | 3 B or 4 | 3 | 8 |
| French Language and Culture (test taken Fall 2009 and later) | FRNCH 1 <br> and <br> FRNCH 2 | Humanities; 4 units | 8 | C2 | 3 | ${ }^{6}$ | $\begin{aligned} & \hline 3 B \text { and } \\ & 6 A \end{aligned}$ | 3 | 8 |
| German Language and Culture | N/A | Humanities; <br> 3 units | 3 | C2 | 3 | ${ }^{6}$ | $\begin{aligned} & \hline 3 \mathrm{~B} \text { and } \\ & 6 \mathrm{~A} \end{aligned}$ | 3 | 8 |
| Human Geography | N/A | Social <br> Science; <br> 3 units | 3 | D5 | 3 | 3 | 4 | 3 | 4 |

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| AP Exam | YC Course Equivalent or Elective | YC GE Area <br> Credit; <br> GE <br> Units | yc Units | csu <br> GE-B <br> Area <br> Credit | $\begin{array}{\|l\|} \hline \text { CSU } \\ \text { GE-B } \\ \text { Units } \end{array}$ | $\begin{array}{\|l\|} \hline \text { CSU } \\ \text { Units } \end{array}$ | $\begin{array}{\|l\|l\|} \hline \text { IGETC } \\ \text { Area } \\ \text { Credit } \end{array}$ | $\begin{array}{\|l\|l\|} \hline \text { IGETCC } \\ \text { Units } \end{array}$ | uc Quarter Units |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Italian Language and Culture | N/A | Humanities; 3 units | 3 | C2 | 3 | 6 | $\begin{array}{\|l\|} \hline 3 \mathrm{~B} \text { and } \\ 6 \mathrm{~A} \end{array}$ | 3 | 8 |
| Japanese Language and Culture | N/A | Humanities; $3 \text { units }$ | 3 | C2 | 3 | 6 | $3 B \text { and }$ 6A | 3 | 8 |
| Latin | N/A | Humanities; 3 units | 3 | C2 | 3 | 6 | $\begin{aligned} & \hline 3 \mathrm{~B} \text { and } \\ & \text { 6A } \\ & \hline \end{aligned}$ | 3 | 8 |
| Macroeconomics | Elective | Social Science; 3 units | 3 | D2 | 3 | 3 | 4 | 3 | 4 |
| Microeconomics | Elective | Social Science; 3 units | 3 | D2 | 3 | 3 | 4 | 3 | 4 |
| Physics 1 | PHYS 2A and PHYS 3A | Natural Science; 4 units | ${ }^{4}$ | $\begin{aligned} & \text { B1 and } \\ & \text { B3 } \end{aligned}$ | 4 | ${ }^{4}$ | $\begin{array}{\|l\|} \hline 5 A \text { and } \\ 5 C \\ 5 C \end{array}$ | 4 | 8 (max <br> for all AP <br> Physics <br> exams) |
| Physics 2 | PHYS 2B and PHYS 3B | Natural Science; 4 units | 4 | $\begin{array}{\|l} \hline \text { B1 and } \\ \text { B3 } \end{array}$ | 4 | 4 | $\begin{aligned} & \hline 5 \mathrm{~A} \text { and } \\ & 5 \mathrm{CC} \end{aligned}$ | 4 | 8 (max <br> for all AP <br> Physics <br> exams) |
| Physics C (electricity/ magnetism) | PHYS 4A | Natural Science; 4 units | 4 | $\begin{array}{\|l} \hline \text { B1 and } \\ \text { B3 } \end{array}$ | 4 | 4 | $\begin{aligned} & \hline 5 \mathrm{~A} \text { and } \\ & 5 \mathrm{C} \end{aligned}$ | 3 | $\begin{aligned} & 8 \text { (max } \\ & \text { for all AP } \\ & \text { Physics } \\ & \text { exams) } \\ & \hline \end{aligned}$ |
| Physics C (mechanics) | PHYS 4B | Natural <br> Science; <br> 4 units | 4 | $\begin{array}{\|l} \hline \text { B1 and } \\ \text { B3 } \end{array}$ | 4 | 4 | $\begin{aligned} & \hline 5 \mathrm{~A} \text { and } \\ & 5 \mathrm{C} \end{aligned}$ | 3 | 8 (max for all AP Physics exams) |
| Psychology | PSYCH 1A | $\begin{array}{\|l\|} \hline \begin{array}{l} \text { Social } \end{array} \\ \text { Science; } \\ 3 \text { units } \end{array}$ | 3 | D9 | 3 | 3 | 4 | 3 | 4 |
| Seminar | N/A | N/A | N/A | N/A | none | 3 | N/A | N/A | none |
| Spanish Language and Culture | SPAN 1 and SPAN 2 | Humanities; 4 units | 8 | C2 | 3 | 6 | $\begin{aligned} & 3 \mathrm{Band} \\ & 6 \mathrm{~A} \end{aligned}$ | 3 | 8 |
| Spanish <br> Literature and <br> Culture | SPAN 3 and SPAN 4 | Humanities; 4 units | 8 | C2 | 3 | ${ }^{6}$ | $\begin{aligned} & \hline 3 \mathrm{~B} \text { and } \\ & 6 \mathrm{~A} \end{aligned}$ | 3 | 8 |
| Statistics | N/A | Language and Rationality; 3 units | 3 | B4 | 3 | 3 | 2 A | 3 | 4 |
| Studio Art-2D | N/A | N/A | 3 | N/A | none | 3 | N/A | N/A | 8 |
| Studio Art-3D | N/A | N/A | 3 | N/A | none | 3 | N/A | N/A | 8 |
| Studio ArtDrawing | Elective | N/A | 6 | N/A | none | 3 | N/A | N/A | 8 |
| U.S. Government and Politics | N/A | Social Science; 3 units | ${ }^{3}$ | $\begin{aligned} & \hline \text { D8 and } \\ & \text { US-2 } \end{aligned}$ | 3 | ${ }^{3}$ | $\begin{aligned} & 4 \text { and } \\ & \text { US-2 } \end{aligned}$ | ${ }^{3}$ |  |
| U.S. History | $\begin{array}{\|l\|} \hline \text { HIST 17A } \\ \text { and HIST } \\ \text { 17B } \end{array}$ | Social Science; 3 units | 6 | $\begin{array}{\|l} \hline \text { (C2 or } \\ \text { D6) and } \\ \text { US-1 } \\ \hline \end{array}$ | 3 | 6 | $\begin{aligned} & \text { (3B or 4) } \\ & \text { and US- } \\ & 1 \end{aligned}$ | 3 | 8 |
| World History | $\begin{aligned} & \text { HIST 5A } \\ & \text { and HIST } \\ & 5 B \end{aligned}$ | $\begin{array}{\|l\|} \hline \text { Social } \\ \text { Science; } \\ 3 \text { units } \\ \hline \end{array}$ | 6 | 2 or D6 | 3 | 6 | 3B or 4 | 3 | 8 |

Credit By Examination (Challenge)
A currently, or formerly, enrolled student may take a special examination to earn credit or to meet a take a special examination to earn credit or to meet a
prerequisite. If the challenge is at a campus or center prerequisite. If the challenge is at a campus or center,
it must be a course offered at that campus or center If the course is successfully challenged for credit, an appropriate letter grade will be awarded. To be eligible to challenge a course a student must:

1. Not be enrolled in the course
2. Not have completed nor be enrolled in a more advanced course;
3. Have completed at least 12 units from Yuba College with a GPA of 2.0 or higher;
4. Have approval from the appropriate division ean and recommendation from the instructor teaching the course to be challenged.

To request a challenge, a student must submit a Petition for Credit by Examination to the appropriate Dean. Credit by examination is not applicable to all the Dean or the Vice President determines the existence of extenuating circumstances.

## Credit For Military Experience

Upon application, the College will evaluate military records to determine if a student may be awarded elective credit for military service. The service person
must have spent at least four months in active service and have a discharge other than dishonorable. Thes units will satisfy the Health/Physical Education/KINES graduation requirement.

College credit may be allowed for the completion of college-level courses in formal service schools in accordance with recommendations found in the Guide published by the American Council on Education.

## Computer and Network Usage Policy

The Yuba Community College District Board of Trustees, in granting access to College computers and etworks, expects that students, in their use of these sys ems, will adhere to legal and ethical standards consis
ent with the College's mission. The Board hereby directs the administration to develop regulations and procedures setting forth the specific responsibilities and obligations elated to use of college computers and networks. The administration shall also establish disciplinary proce dures to enforce this policy that are consistent with

## Directory Information

Student records are maintained in compliance with applicable federal and state laws relating to the privacy of student records.

Any currently enrolled or former student of the Disrict has a right of access to any and all student records relating to him or her maintained by the District.
No District representative shall release the contents of a student record to any member of the public without the prior written consent of the student, other than direcory information, and information sought pursuant to a court order or lawfully issued subpoena, or as otherwise authorized by applicable federal and state laws.
Directory information shall include: name, address, telephone number, date and place of birth, major field of ties 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 Dean's List recognition, dates of attendance, and the most recent public or priinformation is given out only when it is necessary or ap propriate to do so in the opinion of a member of the Student Services professional staff

Students wishing to limit directory information re ease even more may file a request at the Admission Istration.

## Examinations

Midterm and Final Examinations may be given in all courses. Final Examinations in full-semester course No student exception may be allowed to the Schedule except upon approval of an individual Student Petition by the Academic Integrity Committee. Such exceptions wil be allowed only in the case of extreme emergency

## Exemption from Regulations

A student wishing to claim exemption from any reguation of the College must file a written Student Petition with the Dean, Student Services, as appropriate.

## Financial Obligations

Student records will be withheld and all student/alumni privileges canceled in the case of a student failing to meet financial obligations to the College, including failure to pay Enrollment Fees, Tuition, Child Care charges; return
library materials/pay library fines; return or pay for athletic equipment; pay loan or scholarship fund obligations; return/replace any College equipment for which responsible.

## Graduation Deadlines

Yuba College has a formal graduation ceremony once a year (at the end of the spring semester)

Students earning an AA or AS degree must apply for the degree by completing a petition for graduation form and Records or online. Courses may be in progress a the time of application for the degree. The deadlines are as follows: Nov. 15 for fall completion of the degree; April 5 for spring completion of the degree; July 1 for summer completion of the AA/AS degree
Students earning an AA-T or AS-T degree must ap ply for the degree by completing an associate degree fo
transfer graduation petition form in persin at the Counseling Department or Admissions and Records or online Courses may be in progress at the time of application for the degree. The deadlines are as follows: Sept. 15 for fall completion of the degree; Feb. 15 for spring/summer completion of the degree. These dates are designed merifying eligibility for an AA-T or AS-T degree for CSU admission purposes.

## Grade Point Average (GPA)-

## Computing

The GPA is computed by dividing the total grad points by

1. Grade points are computed by multiplying the number of units represented by an individual course by he grade point value assigned to the grade. For example a 3 -unit course with a grade of " $B$ " is 9 grade points (" $B$ " 3 grade points $\times 3$ units attempted). See "Grading" section or grade point values
2. The total number of grade points earned in all courses is divided by the total number of units attempted. The result is the GPA.

## Grades and Grade Changes

Grades awarded by faculty are final in the absence of mistake, bad faith, fraud, or incompetence. The request for a grade change must be initiated within the Studerts following the posting of a dispuled gre istructor and request a grade change. If the instructo does not agree with the grade change request, the the above process does not lead to resolution, a studen has the option to submit a Grade Change Appeal form to initiate the Formal Grade Change Resolution Process by he Academic Standards Committee. Forms are availab

Students can obtain their grades by accessing Advisor on the Yuba College website.

## Grading

The grading system is as follows:
Grade Definitions

| Grade | Definitions |
| :--- | :--- |
| A | Excellent |
| B | Good |
| C | Satisfactory |
| D | Less than satisfactory |
| F | Failing |

Other
Notations Definitio
$P$ Pass: the " $P$ " is awarded for work completed at the " $C$ " or better level. Students earn no grade points, but they do earn the unit(s). Cours

NP No Pass: The "NP" is awarded for work completed at the "D" or "F" level. No units are earned for work at this level. Courses with an "NP" grad are not computed in the GPA.
SP Satisfactory Progress towards completion of a credit courses only and is not supplanted by any other symbol. Courses with an "SP" grade are not computed in the GPA.
AU Audit: Students do not earn units, but the nota tion does appear on a student's permanent re cord.

EW Excused Withdrawal: Special exemption - re quires documentation. An excused withdrawa occurs when a student is permitted to withdraw stances or specific events beyond the contro of the student affecting his or her ability to complete a course(s). A student must file a petitio requesting this option and attach the appropr ate documentation to support the extenuating
circumstance or specific event. Upon review of submitted documentation and approval of the petition, a withdrawal symbol of "EW" will be as signed. Excused withdrawals will not be counted in progress probation and dismissal calculation For more information, contact the College Stu used as described in, and in accordance with, section 55024 .
W Withdrawal: A " W " is recorded for students who officially withdraw from a course after the end of the fourth week of the semester or $30 \%$ of term for short-term classes
Full semester courses officially dropped after the end of the fourth week or $30 \%$ of term (which ever is less), $30 \%$ of term for short-term courses but prior to the end of the thirteenth week ( $75 \%$ on the student's transcript. The " $W$ " notation indi cates that the student was permitted to drop the course or was dropped by the instructor. A " $W$ notation carries no connotation of quality of a student's performance and is not used in the calculation of grade point average.
Withdrawals for full semester classes after the thirteenth week of classes (end of 75\% of term other than a "W" (usually a failing grade). How ever, in cases of extenuating circumstances such as accident or serious illness, the student may file a petition and evidence (doctor's excuse, hospital bill, etc.) at the Dean
Student Services requesting permission to withdraw after the final withdrawal deadline Although the "W" notation is not used in compu-
tation of grade point averages, excessive "W "NC," "NP," or "l" notations are considered in de termining Progress Probation (see "Standards for Probation" page 50 ).
Students are responsible for processing appro priate official forms prior to the deadlines.

MW Military Withdrawal: Special exemption-requires documentation. (See "Military Withdrawals" for documentation required.) <br> \section*{Temporary <br> \section*{Temporary <br> Notations Definitio}

1 Incomplete: At the end of a term, an "I" (incomplete) may be awarded by the instructor when student has been unable to complete academ work for unforeseeable, emergency, and jus the student was enrolled, has attended classes throughout the term, that only a minimal amount of course work has not been completed in the prescribed time and there is still the possibility earning credit

A copy of the Incomplete Grade Report Form wil be emailed to the student indicating work to be
completed for removal of the "l" and alternate letter grade to replace the "l" in the event the student fails to meet the conditions for removal of the "I."
An """ must be made up within one year following the awarding of the incomplete be assigned by the instructor when the work ha been completed or the alternate grade will be the work during the prescribed time period.
A student may not enroll in the same course in which an incomplete grade was awarded.
IP In Progress: This symbol indicates that a cours in Progress: This symbol indicates that
is in progress and has not yet ended.
RD Report Delayed: This symbol indicates either the course has not yet ended, or the instructor ha not yet submitted the final grade for the student in the course.

## Honors List

Honors Achievement recognizes students who have maintained at least a "B" (3.0) grade point average in 12 or more graded units during that semester (doe achievement will be noted on the student's transcript.

## Academic Regulations and Information

## Multiple and Overlapping Enrollment

A student may not enroll in two or more sections of the same credit course during the same term unless he length of the course provides that the student is no enrolled in more than one section at any given time.
A student may not enroll in two or more courses where the meeting times for the courses overlap, unless:
The student provides a valid justification, other than schedule
-The Vice President of Academic and Student Services or designee approves the schedule
The student makes up the overlapping hours at some other time during the same week under the supervision of the instructor of the course

## Notification of Emergency Absence

In cases where a student may be absent for four or more days, a Notification of Emergency Absence ca be requested by a student from the College (in cases faccident, sickness, bereavement, etc.). Further, it is eturning to make up missed course work. Call the and Records Office at the other sites to request the Notification of Emergency Absence

## Pass/No Pass Grading

At the option of each Division and in accordance with Title 5 regulations, some courses are offered on the Pass/No Pass (satisfactory/failing) grading basis. In those cases where a single standard of performance for whill unit credit is assigned, the "P/NP" grading system hall be assigned for meeting that standard; no units will be assigned for failure to do so. The P/NP grading is and Schedule of Classes

In addition, a student in good standing may elect to take one regularly graded course, not in her or his major each semester, on a Pass/No Pass basis. Not all cours shave the ability to be taken P/NP. Courses with thi ption are identified with the P/NP option in the cours discuss transferability of courses placed on the Pass/No Pass option. The student must file the appropriate form a the Admissions and Records Office no later than the end of the fifth week ( $30 \%$ ) of the semester or the end of $30 \%$ of class for short-term courses. Once the form is submit
ted students may not select to return to regular grading.

The "P" notation will be awarded for work completed at "C" (satisfactory) or better level. Units earned for sa ment of degree requirements. A grade of " D " or " F " work will result in an "NP" notation for the course. In neithe case will units be counted in the determination of the student's grade point average, but the " NP " will be counted in Progress Probation

## Prerequisites/Corequisites

"Prerequisite" means the preparation or previous course work considered necessary for success in a course. Prerequisites are required only for courses order to assure students a reasonable chance of succes in the course. Prerequisites which are listed as "required include:

- Courses for which specific prerequisites have been validated,
- Sequential course work in a degree or program, or Courses in which a prerequisite is necessary for transfer to a baccalaureate college. Responsibility
It is the student's responsibility to be aware of and are shown for each course in th Catalog Ped Sche of Classes. It is the student's responsibility to check the course descriptions and not register in any class for which the prerequisite has not been completed.

Corequisites" for a course are those courses in which a student may enroll prior to enrolling in the target course or simultaneously with the targetcourse. Corequisites provid he necessary skill or supplementary body of knowledge in the course. he course.
Students may show they have met the prerequisite orequisite requirements through one or more of the following

Successful completion of the prerequisite course with Successfur completio

Appropriate placement score on the Yuba Colleg Placement Examination

Official grade report or transcript from anothe college/school showing successful completion of th prerequisite with a "C" or better grade (requires a pre
requisite verification form approval).
Approved Prerequisite Challenge Form (Challenge Forms are available from the Counseling Office a Outreach Services, the forms are available from th campus administrator.)

Students may be dropped from a class for not having ompleted the prerequisite. Such action may also resu a student losing roultin the student's units falling below full-time/part-time status.

## Policy for Challenging Course

## Prerequisites

Students who wish to petition their recommended placement or the waiver of a prerequisite should be xemption should be granted. Reasons for seeking prerequisite challenge waiver may include one or mor of the following:

- Prerequisite course is not available
- Prerequisite has not been validated

Student has the knowledge or ability to succeed in the course without meeting the prerequisite, or
Student believes the prerequisite is discriminatory or being applied in a discriminatory manner.
Check with a counselor, the campus administrator, o
Challenges to prerequisites/corequisites shall be on the approved form and filed at the location where th tudent registers for the majority of classes. Challenges Yuba Coilege should be filed with the Dean, Studen with the campus administrator

## Public Law 101-542 and 102-26

## Student Right To Know

Completion rate: $\mathbf{2 5 . 0 9 \%}$ Transfer rate: $7.18 \%$
In compliance with the Student Right to Know and Campus Security Act of 1990 (Public Law 101-542), it is ransfer rates to all current and prospective students Begin ning in Fall 2013, a cohort of all certificate-, degree-, and transfer-seeking first-time, full-time Yuba College students were tracked over a three-year period. Their completion and transfer rates are above. These rates do not represen he success rates of entire student population at the ring after this three-year tracking period.

Based upon the cohort, a completer is a student who tained a certificate or degree or became transfer prepared during a three year period, from Fall 2013 to Spring 2016
Students who have completed 60 transferable units with GPA of 2.0 or better are considered 'transfer-prepared' Students who transferred to another post-secondary instiution, prior to attaining a degree, certificate, or becoming transfer-prepared' during a five semester period, from
Spring 2014 to Spring 2016, are transfer students.

YCCD Certificate and Degree Totals
The following are the numbers of degrees and rtificates awarded District-wide for the last three years counts Fall, Spring, and Summer). These totals do not onsider the students' status upon entering the District. 2014-15 Associate in Arts/AA-T Assortificate of Achievement
Certificate of Training
2015-16
Associate in Arts/AA-T
Associate in Science/AS-T
Certificate of Achievement
tificate of Training
Total
2016-17
ssociate in Arts/AA-T
Associate in Science/AS-T
Certificate of Training
Total

## Standards for Probation/Dismissal

Students are subject to "Probation" and/or Dismissal, fith the provisions of Sections 55031 through 55034 of Title V California Administrative Code, and this Catalog. It is the policy of the Yuba Community college District Governing Board that no student be automatically dismissed, but that the individual case o Dean, Student Services prior to invoking action.
ACADEMIC PROBATION: A student who has attempted at least 12 semester units of YCCD classe as shown by the student's transcript shall be placed cumulative grade point average of less than 2.0 in grade earned.

PROGRESS PROBATION: A student who has enrolled, beginning fall 1981, in a total of at least 12 semester units of YCCD classes as shown on the
student's transcript shall be placed on Progress Probation when the percentage of all units in which a student has enrolled and for which entries of " $W$," "l," and "NP" are recorded reaches or exceeds fifty percent (50\%).

REMOVAL FROM PROBATION: A student is removed from Academic Probation when the cumulative
GPA (earned in YCCD classes only) reaches 2.0 or higher GPA (earned in YCCD classes only) reaches 2.0 o higher.
A student is removed from Progress Probation when the A student is removed from Progress Probation when the
units of " $W$," "l," and "NP" grades drop below $50 \%$ of the accumulated units of completion as shown on the student's transcript.

DISMISSAL: A student who is on Academic Probation shall be subject to dismissal if the student earned a cumulative GPA of less than 2.0 in all units though a lapse of college attendance may occur between the semesters. A student who has been placed on progress probation shall be subject to dismissal if the
percentage of units in which the student has been enrolled percentage of units in which the student has been enrolled
for which entries of " $W$," "l," and "NP" are recorded in at least 3 consecutive semesters reaches or exceeds fifty percent ( $50 \%$ ). Dismissal may be postponed by the Yuba
College Academic Standards Committee when evidence of academic improvement or extenuating circumstances exist.

Students who feel they have extenuating circumstances with regard to these regulations should see a counselor and file a petition with the Academic Stan
dards Committee who may conditionally reinstate a student when the circumstances are justifiable. Justifiable circumstances include accidents, illnesses, changes in working conditions, and other reasons beyond the stu dent's control.
READMISSION. A dismissed student may petition for readmission (on probation) after consultation with a counselor. Generall, the student must wait a semes ter before petitioning for readmission. The counselo the number of units of enrollment and set up a visitation schedule to check the student's progress during the semester of attendance.

NOTE: Students receiving financial aid must refer to the current Financial Aid Handbook concerning Probation Status. Students receiving veteran's benefits should
contact the Veterans' Services Office concerning consecontact the Veterans' Services Office concerning conseshould consult a counselor concerning consequences of probation. Students on probation may be prohibited from receiving aid/benefits.

## Repetition of Courses

Repetition of courses is conducted in compliance with California Titte 5 Regulations, Sections 55040 through 55046. No course repetition procedures established by the District will conflict with Education Code 76224 pertaining to the finality of grades assigned by dures relating to the retention and destruction of recore-

For course repetition approval, the student may submit a petition to the Academic Integrity Committee at Yuba College.
(A) Course Repetition with a Substandard Grade:

Students may repeat a course up to two times in the Yuba Community College District in which a notation of D, F, NP (No Pass), or W (Withdrawal) was earned (maximum three enrollments). This regulation is effective
across the district at both colleges. If a student enrolled in a course at Yuba College or Woodland Community College this counts as one of the three attempts. Military Withdrawal (MW) or Excused Withdrawal (EW) is not counted as a substandard grade nor does it count toward the repeat of a substandard grade policy
Upon completion of the repeated course, the best grade earned will be computed in the cumulative grade point average. The lower grade will remain on the aca-
demic record, but will be coded with a symbol indicating the course has been repeated and will be disregarded in the computation of the grade point average. The student's academic record will be notated so that all work remains legible, insuring a true and complete academic history.
(B) Course Repetition without a Substandard Grade:
A course may be repeated when one of the following apply:

EXTENUATING CIRCUMSTANCES
A student may repeat a course when extenuating circumstances exist to justify such a repetition. Extenuating circumstances are verified cases of accidents, illness, or other circumstances beyond the student's control. This is a one-time excep
tion.

## RECENCY REQUIREMENT

When the District has properly established a recency prerequisite for a course or program or another institution of higher education to which the student seeks to transfer has established a recency requirement which the student will not be able to satisfy without repeating the course in
question. Grades awarded for courses repeated under this circumstance shall not be counted when calculating a student's grade point average. This is a one-time exception.

## LEGALLY MANDATED TRAINING

Students may repeat courses listed in the college catalog to meeta legally mandated training require-
ment as a condition of continued paid or volunteer employment. These repetitions are not limited and are granted based on the college's verification o established legal mandates. Such courses may be repeated for credit, and the grade and units shall be included for purposes of calculating the student's grade point average. The district may claim appor
STUDENTS WITH DISABILITIES
Course repetition for students with disabilities is subject to the course repetition limitation; however through the DSPS Office under the following circumstances:

1. When continuing success of the student in other general and/or special course
(such as Adapted Physical Education), is de pendent on additional repetitions of a specific course;
2. When additional repetitions of a spe cific special course are essential to completing a student's preparation for enrollment into oth er regular or special course (such as Assistive
Computer Technology, LEARN 155 or LEARN 156); or
3. When the student has a student edu cational contract which involves a goal other than completion of the special course in ques tion and repetition of the course
sist with achievement of that goal.

The previous grade and credit shall be disregarded in the computation of grade poin average each time the course is repeated.

## Student Classification

I. REGISTRATION STATUS

FULL-TIME STUDENT: registered for 12 or more units of credit (4 units or more in summer session).

PART-TIME STUDENT: registered for fewer than 12 units of credit (fewer than 4 units in summer session).

SPECIAL PART-TIME STUDENT: dual enrollment in high school under Education Code Section 76001 o 76002
II. ACADEMIC CLASS STATUS

FRESHMAN STUDENT-has earned to date fewer than 30 units of credit.

SOPHOMORE STUDENT-has earned to date 30 o more units of credit but has not completed all course and unit requirements for the Associate on

## Student Definitions

- Continuing Student. A student who was enrolled in the previous semester (excluding summer session).
First-time Student. A student who has never attended any college.
New Student. A student who has attended YCCD but has not attended the past 3 years.
Returning Student. A student who attended Yuba College previously, but not during the previou If after 3 years, the student will be categorized as a new student at Yuba College.
Transfer Student. A student who attended another institution prior to applying to Yuba College.
Returning Transfer Student. A student who attended a Yuba College class, then attended another institution, and plans to attend a Yuba College class again.


## Transcripts

A student may apply for an official transcript of colege courses at the Admissions and Records Office. time. Two copies are furnished free by the College; ad ditional copies are $\$ 5$ each. Transcripts requested "ove the counter" or a " 48 -hour rush mail" will require a $\$ 10$ "rush" fee. Transcript fees must be paid at the time of re quest.
Official transcripts may be requested in person, by mail, by fax, or online. For information about transcripts, 6720 , email ycadmissions@yccd.edu, or visit the Admissions and Records Office webpage on the Yuba College website.

Students may print out their own free "unofficia" ranscript copy online by logging on to the Yuba College

## Withholding of Student Records

Per Administrative Procedure 5035, the Registra may withhold grades, transcripts, diplomas, and registra tion privileges from any student or former student who fails to pay a proper a financial obligation to YCCD. The nity to explain if the obligation is in error

## General Education and Graduation Requirements

This catalog describes the College's graduation and transfer requirements. Not all requirements can ecessarily be met at all locations where classes are ffered. Students should consult the Schedule of Classes at each location to determine the types of classes

## Associate in Arts/Associate in Science Degree

The Associate in Arts or Associate in Science egree may be awarded to a student who has completed he following requirements:
REQUIREMENT 1: All students must pass the reading writing, and mathematics competency examinations or

COMPETENCY REQUIREMENTS:

1. Reading and Writing competency may be met by:
a. Passing English 1 A with " C " or better.
b. Possession of an AA., A.S., or higher degree the time of admission to campuses within the Yuba

Note: Stats
Note: Students should complete the reading and ing competency requirement within the first 30 units f credits earned
2. Mathematics competency may be met by a " C " or better in:
a. Any mathematics or statistics course that has Math 101 as a prerequisite; or
b. Any higher level mathematics or statistics course.

REQUIREMENT 2: All students must complete 18 units of general education, selecting at least 3 units each from Areas A, B, C, D1 (4 units), D2 and E below.
AREA A. NATURAL SCIENCE (Select 3 units)
Agriculture 45, 45L
Anthropology 1
Biology 1, 10, 10L, 11, 15, 24, 24L, 25
Chemistry 1A, 1B, 2A, 10
Ecology 10, 12
Geography 1
Geology 10L, 11L, 12, 20
Physical Science 10A, 10AL, 10B, 10 C
Physics 2A, 4A

AREA B. SOCIAL SCIENCE (Select 3 units)
Administration of Justice 10
Anthropology 2, 3
Early Childhood Education 3, 3
conomics 1A, 1B
Eeography 2
History 4A, 4B, 5A, 5B, 7, 14, 15, 16A
16B, 17A, 17B, 29
Philosophy 6
Political Science 1, 2, 3, 6, 7
sychology 1A, 12, 22, 31, 33, 41, 46
Sociology $1,2,5,6,10$
AREA C. HUMANITIES (Select 3 units) Art 1A, 1B, 5, 20

English 1B, 30A, 30B, 31B, 34, 36, 37, 38, 42, 46A, French 1, 2
Humanities $5,10,11,26 \mathrm{~A}, 31,34$
Music 1, 1A, $3,12,15,16,17,18,35$
Philosophy 1, 2, 3, 20
Spanish 1, 2, 3, 4,10, 20A, 20B, 35, 36 Speech 2
Theatre Arts 10, 33, 34
AREA D. LANGUAGE AND RATIONALITY
D1. ENGLISH COMPOSITION

## English 1A

D2. COMMUNICATION AND ANALYTICAL THINKING (Select 3 units)
Business Computer Applications 15
Computer Science 2, 6, 9A, 9B, 10L
Engineering 10
General Business 56
Mathematics $1 \mathrm{~A}, 9,10,15,20,21,25,51,52$,

> 52B, $\begin{aligned} & \text { Philosophy } 6,12 \\ & \text { Political Science } 6 \\ & \text { Sociology } 8 \\ & \text { Speech } 1,3,6,7,8 \\ & \text { Statistics } 1\end{aligned}$

AREA E. ELECTIVES (Select at least 3 additional units) 1. A second course from any Area above; OR Documentation of active military service (may also
be used to meet Requirement 4 (Health/PE);
3. Course(s) listed below

Accounting 10A
Administration of Justice 10, 30
Art 18
Automotive Technology 21, 22
Counseling 10, 25
Education 20
English 40A, 40B
General Business 10
Health $1,5,10,13$
Human Services 11
Kinesiology co
Philosophy 6
Physical Education cours
Political Science 6, 7
REQUIREMENT 3: All students must complete the designated degree major courses with a grade of "C" better. Majors are listed in the section headed "Degrees and Certificates" and in the Course Descriptions sectio of the catalog.
REQUIREMENT 4: All students are required to successfully complete: Health 1,4 or 13 OR two nicology/Physical Education activity courses one
ich must be selected from the following:
Kinesiology $1.21,1$
$1.57 \mathrm{~B}, 1.59,7,10$
Note: Students who will be completing degrees in Basic
Police Academy, Associate Degree in Nursing, Psychiatric
Technology, Radiologic Technology, or Veterinary Technology
and students who submit documentation of active military
service are exempt trom this requirentationt. This aftive miremittary is
not based on units or catalog rights. Courses listed here may

## EQUIREMENT 5:

EQUIREMENT 5: All students are required to meet ompleting three or more units from the following course or the programs listed below

Administration of Justice 19
Anthropology 2
Art 1A, $3 \mathrm{~B}, 5,20$
Asian American Studies 31
Early Childhood Education 27, 31
Education 1
English 30A, 30B, 36, 37
History 5A, 5B, 7, 14
Human Services 11
Humanities $5,16,17,26 B, 31$
Math 55
Music 12, 16, 17
Philosophy 1, 3, 20
Political Science 7
Sociology 5
Spanish 20A, 20B, 36
Speech 8
Sered here may also be used in Area B, C or D. This requirement is not based on catalog rights. Completion the following programs also fulfills the multicultural graduation requirement: Basic Police Academy, Associate Degree
Nursing; Psychiatric Technology; Radiologic Technology; and Nursing; Psychiatric Te.
Veterinary Technology.

REQUIREMENT 6: All students are required to complete a minimum of 60 semester units in lower division associate degree level courses with at least a 2.0 (C) calculated for associate degree purposes only count units and grade points earned in associate degree leve classes. Non-associate degree credit courses (numbered 100-199 and 200-299) completed fall 1989 and thereafter will not count toward the associate degree. For course completed between July 1,1983 , and July 30,1989 , 199 may be counted toward this requirement. All course numbered 200-299 completed prior to fall 1989 may be counted toward this requirement.
REQUIREMENT 7: All students are required to complete a minimum of 12 semester units with at least a 2.0 ("C) grade point ave
Yuba College.
REQUIREMENT 8: Students earning an AA or AS degree must apply for the degree by completing a petition for
graduation form in person at the Counseling Department or Admissions and Records the Counseling Departay in progress at the time of application for the degree. Th deadlines are as follows: Nov. 15 for fall completion of he degree; April 15 for spring completion of the degre July 1 for summer completion of the AA/AS degree
General Education Philosophy Statement Common to both the Associate in Arts and Associate program which fosters the following philosophy: "Genera Education at Yuba College is more than a set of require student in beginning an effective lifelong learning proces in which the interrelationships of human knowledg and experience are recognized. Embodied in this design is recognition of the student's need to think and communicate effectively, both orally and in writing; to use mathematics, to understand the modes of inquiry of the major discipines, to be aware of oher culures and thinking about ethical problems; to develop the capacity for self-understanding; and to understand the issues related to and the ways in which health and well-being can be maintained

## Additional Associate Degrees

An Associate in Arts or Associate in Science degree wil be awarded to those already posses subject to the following conditions All requirements in a different major from that of previous
associate degree(s) must be satisfied. The major will be printed on the degree.
2. All general education requirements in effect at the time of beginning the new degree program must be satisfied
After meeting the above conditions, a student may petition for any degree for which the graduation requirement have been met

## Transfer Requirements and Information

## General Transfer Information

Yuba College offers many of the lower division (freshman and sophomore level) classes that are part of the equirements to earn a baccalaureate degree at a college or university. Yuba College students may complete all or preparation before transferring

Transfer requirements and the requirements for a Yuba Coliege Certificate of Achievement and/or Associate of be very different With careful planning a student may be able to earn a certificate and/or associate degree as well as meet transfer requirements. In some specific majors, is possible to earn an Associate of Arts for Transfer or an Associate of Science for Transfer degree. Therefore, he importance of reacives as early as possible cannot be overemphasized.

Transfer requirements can vary among college or niversities. Students are encouraged to meet with a Yub a comprehensive student educational plan which meets the equirements of the particular college or university to which hey wish to transfer. For additional college and university transfer information, students are encouraged to meet with Center, participate in Yuba College's College Fair, access ransfer admission information including college catalogs online through college, university, or system websites, attend open house or preview events, and go on Yuba
llege sponsored fies tolleges and universities.
Although Yuba College assists students in preparing for transfer, it is ultimately the students' responsibility to make sure that the requirements for transfer have been sections are subject to change without notice.

## Articulation

Articulation is a process of developing formal agreeents that identify courses at one college that are accepted specific statewide pattern of general education.

Yuba College has developed numerous articulation agreements with California State University and University California campuses. These agreements may be viewed www.assist.org. Articulation agreements have also been egeoped with some California private and out-of-state col See a counselor for assistance

Articulation System Stimulating Inter-Institutional Student Transfer

## (ASSIST)

ASSIST is a single computerized database located at www. assist.org that provides access to articulatio agreements developed between California Community Universities of Califoria State Universities (CSU), and the are updated, so is the information maintained in ASSIS See a counselor for assistance in how to use ASSIST.

- CSU Transferable Courses

These are courses from a California Community Col lege that transfer to any CSU campus for baccalaureate transfer credit.

- CSU GE-Breadth Certification Courses

These are courses from a California community college
hatapply to the CSU GE-Breadth certification requirements.

- CSU US History, Constitution, and American deals Courses
These are courses from a California community colege that satisfy the CSU graduation requirement in U.S.
onstitution, and American Ideals.
- IGETC for UC and CSU

These are courses from a California community coll lege that apply to the Intersegmental General Education Transfer Curriculum (IGETC) requirements.

- UC Transferable Courses

These are courses from a California community col lege that transfer to any UC campus for baccalaureate

- UC Transfer Admission Eligibility Courses hat satisfy the courses from a California community college admission to the UC
- By Major

These agreements specify courses at one college or univesty that fulfill lower-division major preparation at another college or university.

- By Departmen

These agreements identify courses at one college or university that are acceptable in lieu of courses at another college or university.

- C-ID

C-ID is a common numbering system among Californo community colleges and California State Universities be used in place of one another

Transfer to California State University (CSU)

Students who have enrolled in college beyond the mmer forster tudents and school graduation are consid ered transfer stude

Students who have completed fewer than 60 CSU nsferable semester ( 90 quarter) college units at the time
Stunser are considered lower division transfer students
Students who ( 90 quarter or more) college units at the ime of transfer are considered upper division transfer stuents. The CSU gives priority admission consideration to California Community College students who meet the CSU pper-divisison transfer admission requirements. However ho have earned an Associate Degree for Transfer Se "Associate Degree for Transfer" for more information on the degree requirements

Lower Division TransferAdmission Requirements: Transfer students with fewer than 60 semester or 90 uarter CSU transferable units must have a grade poin average of 2.0 ("C") or better in all transferable units at empted, be in good standing at the last college or university CSU available on wwal calsate edu/apply or www californiastateuniversity,edu.

Due to enrollment pressures, many CSU campuses do ot admit lower division transfers. Some campuses ma equire lower division transfer students to comple

Upper Division Transfer Admission Requirements: Students are eligible for admission with 60 or more
-

- Have a grade point average of 2.00 or better (2.40 mum ble college units attempted

Are in good standing at the last college or university attended (i.e. eligible to re-enroll)

- Have completed or will complete prior to transfer a east 30 semester units ( 45 quarter units) of CSU genera education requirements with a grade of "C" or better in ach course including all of the general education require ments in Area A: Communication in the English Languag hinking) and at least one course of at least 3 semeste units (4 quarter units) required in Area B4: Mathematics Quantitative Reasoning.

Campuses and/or programs that are designated as macted have additional admission criteria. Impacte campuses/programs result when the number of cilible applicants received in the initial application filing period is greater than the number of students that can be accommodated by the campus or major.

Some CSU campuses have restrictions on when cours es in Areas A and B4 must be completed prior to transfe There are limitations on the number of CSU transferable work experience credits accepted. These vary by CSU campus.

## ADegreeWith A Guarantee.com Associate Degree for Transfer

 Associate Degree for Transfer
## Requirements

The Student Transfer Achievement Reform Act (SB 440) established an Associate in Arts for Transfer (AA-T) community college students. The AA-T or AS-T degree are designed to provide a clear pathway to the CSU degre major. Students who are awarded an Associate Degree fo Transfer (AA-T/AS-T) degree and meet the CSU minimu upper division (junior level) standing to the CSU (but not necessarily to the specific CSU of choice) and are give priority admission consideration when applying to a CSU program that has beendeemed similarto the degree earned at the student's community college. Once admitted ocsu prescribed units to qualify for the baccalaureate degree.

In order to earn an Associate Degree for Transfer (AA-T/AS-T), students must complete

- 60 semester or 90 quarter units of coursework version) or CSU GE-Breadth
of emphasis as defined by the California Community major completed with a "C" grade or better
- a minimum cumulative GPA of 2.0 for all CSU transferable courses completed
Students earning an AA-T or AS-T degree must ap transfer graduation petition form in person at the Counseling Department or Admissions and Records or online. Courses may be in progress at the time of applicatio for the degree. The deadlines are as follows: Sept. 15 for fall completion of the degree; Feb. 15 for spring/sum-
mer completion of the degree. These dates are designed to meet California State University (CSU) deadlines for verifying eligibility for an AA-T or AS-T degree for CSU admission purposes

Yuba College offers the following Associate Degrees
Transfer:

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

Biology (A.S.-T)

- Business Administration (A.S.-T)
- Chemistry (A.S.-T)

Communication Studies (A.A
Early Childhood Education (A.S.-T)
English (A.A.-T)
History (A.A.-T)
\$ Kinesiology (A.A.-T)

- Mathematics (A.S.-T)
- Music (A.A.-T)

Political Science (A.A.-T)
Psychology (A.A.-T)
Sociology (A.A.-T)
For up-to-date information on the Associate Degree Transfer, contact a Yuba College counselor, the Yuba College Transfer Center, orvisitwww.calstate.edu/transfer
degrees/aa-degrees.shtml

## California State University Transfer

Course List (CSU) and Credit
Yuba College courses numred 1 through 49 are CSU ransferable. Courses are identified as "Transferable to CSU" in the "Programs and Courses" sec-
tion of this catalog A maximum tion of this catalog. A maximum
of 70 semester (105 quarter) CSU transferable units earned at California community colleges may be transferred to the CSU Community college coursework may be used to meet general education (GE), elective units, or major preparation requirements even if the units will not count to vard the baccalaureate degree ransfer credit is also granted to plete equivalent courses at othe egionally accredited or four-yea ourses or universities.


## Transfer Preparation and Information

CSU GE-B Notes:

- Additional courses may be added to the Yuba College CSU GE-Breadth. An updated Yuba College CSU GE-Breadth Requirement Sheet may be obtained from the
Counseling Office, the Transfer Center or www.assist.org
- Courses completed at other California Community Colleges will be applied to CSU GE-B according to how hey were approved at the college and semester in whic they were completed.
- Students majoring in Engineering may be waived xempted from specific areas of CSU GE-Breadth for some SU campuses

Students majoring in Liberal Studies may be re quired to complete specific courses in each area of CSU

- Advanced Placement (AP) examinations completed with a score of 3, 4, or 5 may be applied to the CSU GE-B. for information.
- A course completed with a grade of "P" (pass) may be used if the grading policy of the community college state that " P " is equivalent to a grade of " C " or better.


## U.S. History, Constitution, and American Ideals Graduation

## Requirement for CSU

To graduate from the California State University, a stu dent must complete, with a "D" or better grade, a combination of courses which are identified as meeting the U.S. History, at Yuba College which meet this requirement include:

One course from History (HIST) 15, 16A, 16B, 17A, o 17 B combined with Political Science (POLSC) 1. These requirements on the CSU GE-Breadth or IGETC.

Advanced Placement Exam (AP) United States History (score of 3 or higher) will satisfy the US History portion of his requirement. AP US Government and Politics (score 3 or higher) will satisfy the national government requireequirement of Constitution and American Ideals.

## Transfer to University of California (UC)

Students who have enrolled in college beyond the ummer following their high school graduation are consid red transfer students and must meet transfer admission minimum academic standards students must attain to be eligible for admission to the UC. Meeting the minimum eligibility requirements does not guarantee admission to he campus or program of choice, which often require tudents meet more demanding transfer selection

Lower Division TransferAdmission Requirements: Students are eligible for admission with fewer than 60 mpled they have met one of the two following options:

1. Students who were eligible for admission to the university upon graduation foomigh school, meaning that were satisfied, or students were identified by the UC during their senior year in high school as eligible under the Eligibility in the Local Context (ELC) program and completed the Subject and Examination Requirements in the senio year, are eligible to transfer if they have a "C" (2.0) grac
2. Students who met the Scholarship Requirement UC transferable college courses in the subjects they are missing, earn a grade of "C" (2.0) or better grade in each of these required courses and earn an overall "C" (2.0) average in all UC transferable college coursework to be eligible to transfer

Upper Division Transfer Admission Requirements Students are eligible for admission with 60 or more UC transferable semester units ( 90 quarter units) if they fulfill both of the following criteria:

- Complete 60 semester units of UC transferable coliege credit with a grade point average of at least 2.4 Pass/Not Pass), and:
- Complete the following seven course pattern, earnin grade of "C" (2.0) or better in each course:
-two UC transferable college courses (3 semester units each) in English composition
- one UC transferable college course ( 3 semester units) in mathematical concepts and quantitative reasonin
- four transferable college courses ( 3 semester units each) chosen from at least two of the following subjec areas: the arts and humanities the social and behavior sciences, and the physical and biological science
Students who satisfy the Intersegmental Genera ing to UC will satisfy the seven course pattern of the uppe division transfer admission requirements.

A maximum of 70 UC transferable semester units Acned at community colleges may be transferred to able semester units may be used to satisfy GE and major preparation even though the units will not count toward the bachelor's degree.

## UC Transfer Admission Guarantee

 (TAG)Yuba College participates in the Transfer Admission Guarantee admission program with UC Davis, UC Irvine Santa Cruz. Specific requirements must be met for students to qualify for a transfer admission guarantee. See a ounselor or the Transfer Center for Transfer Admissio uarantee information.

## University of California Transfer Course

## Agreemen

Yuba College courses which have been approved for transfer to UC are specified as "Transferable to UC" in the "Programs and Courses" section of this catalog. This

A number of Yuba College courses are cross-refe Aced (the same course is listed in more than one area er. Credit can be earned only once for cross-referenced courses. See the individual course lisings in the "Cours Descriptions" section of the catalog

Course/unit limitations:

- UC grants limited credit for multiple courses taken in ne discipline; credit is also limited when certain course are taken after other courses in one discipline. See www assist.org for additional information.
- Independent studies, special studies, and variable opics courses may be accepted for UC credit: review of transfer.
- Credit for KINES activity courses is limited to 4 se mester units, creat for ATHL theory courses is limited to semester unit

University of California Transfer Oppor tunity Program

The Transfer Opportunity Program (TOP) is a collabo ration between UC Davis and select Northern California unity colleges, including Yuba Colleg

TOP coordinators from UC Davis Undergraduat Admissions regularly visit participating colleges to provid major preparation, general education, financial aid, housing internships and other student services critical to academic success. Additionally, students participating in TOP wil have opportunities to attend special academic and caree Seminars, tour the UCD campus, obtain evaluation of the guaranteed admission by completing a Transfer Admission Guarantee (TAG). Contact the Counseling Center to make an appointment with the UCD TOP Coordinator

## Intersegmental General Education Transfer Curriculum (IGETC) to CSU

 and UCThe Intersegmental General Education Transfer Curiculum is a general education program that Californi community college transfer students may use to fulfil ower-division general education requirements for an (UC) and many California private colleges and univers es. This curriculum provides an alternative to the CSU General Education-Breadth requirements, the UC GE Breadth requirements, and many private colleges general education requirements. It is important to note the IGETC is not an admission requirement, nor does completion of or program of choice.

The IGETC is most helpful to students who want to keep their options open-those who know they want to university or have not yet decided upon a particular colleg, well served by foll. Certain students, however, will oot oo transfer into a major that requires extensive lower division preparation, such as engineering or the physical and
natural sciences, should concentrate on completing the many prerequisites for the major that the college evaluat o determine eligibility for admission. A counselor or a UC CSU/private college admissions representative can advise which path is best. If students choose to follow the IGETC they must complete it to have if fully certified otherwise the equirements of the UC/CSU/private college or university Some campuses, however, will permit a maximum of two equirements to be unmet prior to transfer. Completion of the remaining requirements is required upon transfer. Se

Additional courses may be added to the Yuba Coege IGETC. An updated IGETC may be obtained fro he Yuba College Counseling Office, the Transfer Cente or www.assist.org.

ollege
$\qquad$
Completion of al the requitements in the Intersegmental General Education Transter Curiculum (IGETC) will permita astuden to transter ftom a community college to a campus

Circle courses taken at Yuba College, ist courses taken a to ther colleges. Indicate name of test firequirement was met with Advanced Placement AAP).


NOTE: Please consult with a college counselor for additional information.

| AREA 1 - ENGLISH COMMUNICATION (CSU - 3 courses required, one each from Area 1A, 1B and 1C. UC - 2 courses required, one each from Area 1 A and 1 B ) | C IP | N |
| :---: | :---: | :---: |
| 1A: English Composition (1 course, 3 semester units) : English 1A <br> Course: $\qquad$ College: $\qquad$ Aduaneed Placement |  |  |
| 1B: Critical Thinking - English Composition (1 course, 3 semester units): English 1B*, 1C <br> Course: $\qquad$ College: $\qquad$ (№ AP scores accepted for this area) |  |  |
| 1C: Oral Communication (1 course, 3 semester units) (CSU requirement only): Speech 1,3, 6, 7 <br> Course: $\qquad$ College: $\qquad$ (No AP scores accepled for this area) |  |  |


| AREA 2 - MATHEMATICAL CONCEPTS and QUANTITATIVE REASONING (1 course, 3 semester units): Math $1 \mathrm{~A}+, 1 \mathrm{~B}, 1 \mathrm{C}, 2,3,9+10,20,25$; Statistics 1 | ${ }^{\text {c }}$ \| ${ }^{\text {IP }}$ | N |
| :---: | :---: | :---: |
| Cours: __ College: __ Advanced Placement. |  |  |


| AREA 3 - ARTS and HUMANTIIES (At least 3 courses, with at least one course from the Arts and one course trom the Humanities; 9 semester units) units) | C IP | N |
| :---: | :---: | :---: |
| 3A. Arts: Art 1A, 1B, 3A, 3B, 5; English 34; Humanities 5, 26A, 26B, 34; Music 3, 8A, 12, 15*, 16; Theatre Arts 10, 33,34 <br> Course: $\qquad$ College: $\qquad$ Advanced Placement: |  |  |
| 3B. Humanities: Asian American Studies 31; English 1B*, 30A, 30B, 36, 37, 42, 46A, 46B; History 4A, 4B, 5A*, 5B*, $7^{*}, 14^{*}, 15^{*}, 16 A^{*}+16 B^{*}+$ $17 \mathrm{~A}+17 \mathrm{~B}+$; Humanities $10,11,31$; Music $1 \mathrm{~A}, 1 \mathrm{~B}, 15^{*}$; Philosophy 1, $2,3,6^{*}, 20$; Political Science $6^{*}$; Spanish $3+4,20 \mathrm{~A}, 20 \mathrm{~B}+35$; Theatre Arts 33 $\qquad$ College: $\qquad$ Advanced Placement: $\qquad$ |  |  |
| 3A or 3B: Course:___ College:__ Advanced Placement. |  |  |



CSU Graduation Requirement in U.S. HISTORY, CONSTTIUTION and AMERICAN IDEALS - 6 units (one course each from Group 1 and Group 2)

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Group1 (US 1): History 15,16A,16B,17A, 17B
```


Compleled

| IGETC COMPLETED: |  |
| :---: | :---: |
| Students | Euss |

[^0]IGETC Notes:

- A course with a grade of " $P$ " (pass) may be used if the grading policy of the community college states that "P" is
equivalent to a grade of " $C$ " or better. The UC will allow no more than 14 semester units taken " $P$ " toward UC eligibility or IGETC. The CSU campuses vary on the number of
units they allow. Check each university's catalog or see a counselor for more information.
-Courses may be used only once to satisfy one subject area even if they are listed in more than one subject area.
- Advanced Placement (AP) examinations completed See "Advanced Placement Examinations" in this catalog for information.
- Courses completed at other California Community Colleges will be applied to IGETC according to how they were completed.
- Some schools and colleges within the University of
fornia do not accept IGETC. Additional information regarding the acceptance of IGETC at specific colleges each UC is available in online at http://www.univers yofcalifornia.edu admissions and on each UC's website


## California Community Colleges'

 Transfer Agreement with Historically Black Colleges and UniversitiesCalifornia Community College students may now take advantage of a new initiative that facilitates the transfer to a number of Historically Black Colleges and Universities (HBCUs).


## Programs and Options

The following information provides avenues to better jobs, including Articulation Agreements, Certificates of Training, Certificates of Achievement, Associate in Science Degree and Associate in Arts Degree programs. These planne programs are a sample of the occupational-technical education available at the College.

Certificate programs cannot be completed at all locations. Consult each Schedule of Classes and a counselor before selecting a particular training program

## Career Technical Education Transitions

The Career Technical Education Transitions Program at Yuba College coordinates the awarding of college credit to high school students who meet approved articulation requirements. An articulated course is one in which the high school instructor/Regional Occupational Program (ROP) and Yuba College faculty have formally agreed that the high school's/ROPs course outline, syllabus, textbook, and final exam are comparable to those in a course of the same major within Yuba College. Students receive credit on a Yuba College transcript once articulation requirements have n associate's degree or transfer to a baccealurate university.
For more information about the CTE Transitions Program, contact the Yuba College CTE Transitions Office at (530) CTE Tr

## Programs Articulated with ROP and Secondary Institutions

Programs listed below have at least one class articulated with area High Schools. Students should check with ir counselor if they have questions about specific classes or to determine if they are eligible for college credit for courses completed at the high school level.
Accounting
dministration of Justice
Agriculture

- Environmental Horticulture

Art-Applied Photography Automotive Technology Automotive Body
Business

- Business Compute

Applications
Medical Office Skills Word Processi
ulinary Arts
Early Childhood Education

- Infant and Toddler

Manufacturing Technology
Nursing Welding


## Yuba College Degrees and Certificates

Associate in Arts for Transfer and Associate in Science for Transfer Degrees
Yuba College offers both the Associate in Arts for Transfer and Associate in Science for Transfer. See page 55 and 69 for details about the degree requirements.

## Associate in Arts and Associate in Science Degrees

Yuba College offers both the Associate in Arts and the Associate in Science degrees. Students planning to obtain an associate degree must complete all the required courses for a major ( 18 - to approximately 34 units), meet competency requirements, fulfill general education requirements and complete electives to meet a minimum totaling 60 degree applicable units. Check with counselors regarding requirements,

## Certificates of Achievement and Certificates of Training

Certificate programs are designed to provide students a broad understanding of the occupational programs that he student wishes to enter upon completion of the courses they are engaged in. The Certificate of Achievement or designated career field on their certificate. Check with counselors and individual departments regarding requirements.

Administration of Justice
Degree: A.S.A. A.S.-Administration of Justice-
Basic Police Academy A.S.-Corrections
A.S.-Law Enforcemen

- A.S.-T-Administration of Justice

Certificates of Achievement:
Basic Police Academy Reserve Training Module I Academy Reserve Training Module II Academy f $\operatorname{Tr}$ ingator Academy
Certificates of Training:
Correctional Officer Academy
Reserve Officer Level 3
Agriculture
Degree: A.S.-Agriculture
Certificates of Achievement:

$$
\begin{aligned}
& \text { Art } \\
& \text { Degree: } \\
& \text { A.A.-Art } \\
& \text { A.A.-T.-Studio Arts } \\
& \text { A.S.-Commerciai Art } \\
& \text { A.S.-Photographic Imaging } \\
& \text { Certificates of Achievenent: } \\
& \\
& \text { Photographic Imaging }
\end{aligned}
$$

## Business

usines Degree
A.S.-Accounting A.S.-Administrative Assistant A.S-Business Administration A.S.-Business Computer Application A.S.-General Business Managemen
A. .-Legal Office Skill A.S.-Medical Office Skills
A.S.-Personnel Management
A.S.-Small Business Mana
A.S.-Small Business Managemen
A.S.-T-Busd Processing

Certificates of Achievement:
Accounting
Administrative Assistant
Business Computertanpplications
Retail Management
Small Business Management
Certificate of Training
Business Computer Applications
Chemistry
Degree: A.S.-Chemistry

Communications Studies (See Speech)

Computer Science
Degree: $\begin{aligned} & \text { A.S.-Computer Science } \\ & \text { A.S. }- \text {-Computer Science }\end{aligned}$
Certificate of Achievement:
Computer Science
Cosmetology
Degree:
Cosmetology
Cosmetology

## Culinary Arts

Degree: A.S.-Culinary Arts
Certificate of Achievement:
Culinary Arts

```
Early Childhood Education
    Degree: A.S.-Early Childhood Education
Certificates of Achievement:
    Arts Specialization
        Child Development Teacher
        Diversity in ECE
        Children with Special Needs Specialization
        Site Supervisor
        Transitional Kindergarten and Early Education
        chool Age Specialization
Certificates of Training:
    Chil Development Associate Teacher
    Pediatric First Aid/CPR
Emergency Medical Technology
Certificates of Training:
    EMT-1 EMT-1 Refresher
English
Degree:* A.A.A.-E-English
Fire Technology
Degree: A.S.-Fire Technology
A.S.-Fire Technology-Fire Academy
Certificates of Achievement:
    Fire Technology 
    Fire Fighter Fire Academy
Certificates of Achievement
    First Responder
General Education
Degree: AA-Arts and Humaniti
A.A.-Arts and Humanities
A.A.-Communication
A.S.-Natural Science
A.S.-Social and Behavioral Sciences
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History
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History
Degree: \& A.A.-T-History

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Degree: & A.A.-T-History
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## Human Services

``` Degree: A.S.-Chemical Dependency Counselor Certificates of Achievement:


\section*{Associates Degrees for Transfer}

Requirements for the Associate in Arts for Transfer (AA-T) or Associate in Science for Transfer (AS-T): Community college students may complete an Associate in Arts for Transfer Degree (AA-T) or an Associate in Science for Transfer Degree (AS-T) for admission into the California State University (CSU) system for completion of a bacca aureate degree. Completion of an AA-T or AS-T Degree CSU transfer requirents at the same time Degree an

This option will allow a student to earn a 120 unit accalaureate degree by completing 60 transferable units campus to complete an additional 60 units.

In order to earn anAA-TorAS-TDegree, a studentmust refer to the specific degree pattern in the "Programs and efor to the specific degree pattern in the "Programs and required in the major with no grade of less than a "C " in any course. In addition, a student must complete one of two general education patterns for transfer, the California
State University General Education Breadth (CSU GE-B) State University General Education Breadth (CSU GE-B) Curriculum (IGETC-CSU version). The CSU GE-B fo STEM or IGETC for STEM may be completed only when specifically stated as acceptable for the Associate Degree or Transfer. Courses used to satisfy Oral Communication, Written Communication, Critical Thinking, and Quantitative "C" or better grades. If necessary, a student may nee to complete transferable elective credit to ensure that CSU 0 transferable units have been completed with a minimu rade point average (GPA) of 2.0

Students earning an AA-T or AS-T degree must ap ly for the degree by completing an associate degree fo ransfer graduation petition form in person at the Coun eling Department or Admissions and Records or online. for the degree. The deadlines are as follows: Sept. 15 for fall completion of the degree; Feb. 15 for spring/sum mer completion of the degree. These dates are designe meet California State University (CSU) deadlines fo verifying eligibility for an AA-T or AS-T degree for CSU admission purposes.

\section*{Associate in Arts (A.A.) and Associate in Science (A.S.) Degrees}

A student who wishes to receive an Associate degree should consult a Yuba College counselor. The counselor will assist the student in planning the courses quired to satisfy the degree. Diplomas printed for eneral education" major will not have the major printed on the diploma.

In order to receive a degree in one of the specific majors for the Associate in Arts or Associate in Science Degrees, a student is required to complete the specific successful completion of the specific major (and all other graduation requirements), the specific major for the degree will be printed on the diploma.

No courses required for the specific major may be waived. Equivalent course work may be substituted only with approval. The student should submit a petition to the Academic Integrity Committee. Petitions will be orwarded to the (division) Dean for recommendation of action.
A student may petition for only one "general education" degree. A student who is earning a degree in major in which all graduation requrements have been met.

Students earning an AA or AS degree must apply for the degree by completing a petition for graduation form in person at the Counseling Department or Admissions and Records or online. Courses may be in progress at the time of application for the degree. The deadlines are 15 for spring completion of the degree: July 1 for summer ompletion of the AAAS degre

\section*{Commencement}

The College holds the graduation ceremony once a year (end of May) and students who wish their name to appear in the graduation program must submit their Peition by April 15. Students completing a degree ceremonies the following spring. Students completing a degree the following spring. Students completing ceremonies the previous spring or subsequent spring These students who dicide to participate the prior spring must submit their petition to graduate early by April 15 to have their name in the graduation program

\section*{Certificate of Achievement}

Courses taken to satisfy requirements for a Certificate of Achievement provide a core set of courses in an classes. This goal requires more time and commitment, than a Certificate of Training but better qualifies the student for employment. The Certificate of Achievement requires 12 or more units and may be completed in one to student's transcript. NOTE: All courses required for the Certificate of Achievement must be completed with a " C " or better grade

\section*{Programs and Options}

\section*{Certificate of Training}

Each department is authorized to recommend short-term training program options and students are oals. Certificates of Training are less than 18 units in length. Some certificates can be completed in as little me as one semester; others may require a longer period depending on the frequency of course offerings or the luder serticate must be completed with a "C" or better grade.

Certificates of Training are not listed on the tudent transcript.

Applying for Certificate of

\section*{Achievement (CA) and a Certificate} of Training (CT)
- After completing all requirements for the certificate with "C" or better grades, the student obtains Petition for Certificate Card from the Admissions and Records Office.

The student completes the petition and files it with the Admissions and Records Office.
The Admissions and Records Office sends the petition and a copy of the student's transcript to the appropriate Dean.
for the CA or CT, the Dean mails the or CT. If eligible student.
The Admissions and Records Office posts the approved CA on the student's official transcript. (CT's are not posted to the official transcript).

\section*{Course Information}

\section*{Admission to Courses}

\section*{OPEN ENROLLMENT POLICY}

All courses, regardless of where offered, are open to members of the public who are otherwise eligible fo
admission, with the following exceptions:

Courses that are specifically exempted by statute, in cluding "impacted" allied health programs (Radiologi echnology, Veterinary Technology, Ass (iate Degre Nursing, Psychiatric Technician, etc.)
Courses closed by maximum enrollment of students
by the "priority registration" or "first come, first served"
egistration policies;
Courses with academic requisites (prerequisites and unqualified students; and
Courses with content that would be a repeat of a course of equivalent or more advanced course work reviously taken by the student (exceptions requir counselo evaluation and approval).

\section*{PREREQUISITES AND COREQUISITES}
"Prerequisite" means the preparation or previous ourse work considered necessary for success in the course. Prerequisites are required only for courses where specific academic background is necessary in rder to assure students a reasonable chance of success include:
- Courses for which specific prerequisites have bee validated,
- Sequential course work in a degree or program, or
- Courses in which a prerequisite is necessary for transfer to a four-year college.
Responsibility for having met the prerequisite rest with the student. A grade of "C" or better is required to meet a course prerequisite.
"Corequisites" for a course are those courses in which student may enroll prior to enrolling in the target course o simultaneously with the target course. Corequisites provid the necessary skill or supplementary body of knowledge o aboratory time during the course to help assure succes in the course.

For additional information, refer to the Academic
Regulations and Information, Prerequisites and Corequisites on page 48 .

PLACEMENT LEVELS FOR ENGLISH AND MATHEMATICS

Placement Examination scores, in combination with other factors, are used to help place students in one o satisfactorily completing the appropriate course(s) students may progress by enrolling in the course at the next higher level. Students should consult a counselo for an evaluation of placement scores and discussion of Levels" in this Catalog

\section*{C-ID Course Identification} Numbering System

C-ID is a supplemental common course numbering system aimed at helping students and faculty identify or baccalaureate degree requirements. ASSIST reports include designations for approved courses.

C-ID designations can be used in two ways:
1. When a community college course has a C -ID desgnation, such as C-ID HIST 130, that course can be use in place of any other California community college course that has that same C-ID designation for the purpose of ulfilling associate degree and associate degree for transfer major requirements.
2. Additionally, universities can indicate C-ID des ignations accepted for lower division major preparation equirements. For example, a university can indicate for its history mation requirement, so any California community college course with the C-ID HIST 130 designation will be accepted to fulfill that requirement. Yuba College course approved for \(\mathrm{C}-\mathrm{ID}\) include the \(\mathrm{C}-\mathrm{ID}\) designation below the transfer status in the course description

\section*{Key to Numbers and Listings}

Content and policies expressed in this Catalog are believed to be true and correct as of the date of publica-
tion. Courses are listed alphabetically by department and tion. Courses are isted alphabetically by department and
numerically within the listing of each department. Units of credit are shown immediately following the course title.
Any course listed in this Catalog may be offered in the fall, spring and summer session including day and evening, distance education and any location associated with Yuba College. Scheduling and cancellation o lasses is at the discretion of Yuba College.

Students should consult the Schedule of Classes to determine which courses will be offered during a given
semester. Any course listed in the Schedule of Classes emester. Any course listed in the Schedule of Classes ustify offering the class or instructor is not available.

Course "97", "197" or "297"
Refer to page 118.

\section*{Course Numbering}

JULY 1, 1974 TO JUNE 30, 1989:
1-49
Designed as courses intended to carry transfer credits to all baccalaureate degree-granting colleges and universities Not primarily designed for transfer purposes, but taught at the leve is recommended at any college o university offering such course work or offering program in which such course would will be appropriate
100-199 Series 200-299 Series: Developmental/Remedial
Primarily designed at the techni-
cal level; usually will be cal level; usually will be course
specifically designed as part of a program(s) leading directly to employment. Under special cir cumstances, a Baccalaureate de gree-granting institution may wish to accept such courses for transfe credit.

JULY 1, 1983 TO JUNE 30, 1989:
A maximum of 6 semester units of courses num 100 to 199 can be counted toward the associate egree
CURRENT COURSE NUMBERING DEFINITIONS:

1-49 Series:

50-99 Series

200-299 Serie

\section*{Repeatable Classes}

Courses designated as "repeatable" are identified as such in the College Catalog and Schedule of Classes gollowing the course description. For these courses ent grade point average.

Courses designated as repeatable include
1. Intercollegiate athletics where enrollment in the course is limited to no more than four times;
2. Cooperative work experience courses up to Experience (Occupational/General) and Intern ship enrollments; Courses for which repetition is necessary to meet the major requirements of CSU or UC for completion of a bachelor's degree The District will retain supporting documentation that verifies that the repetition is necessary to meet the major requirements.
3. Students may not enroll more than four times in any combination of active participatory course hat are related in content. The college designate of courses". Active participatory courses are those courses where individual study or grou assignments are the basic means by which learn ing objectives are obtained. Examples of active participatory courses include physical educa-
tion, kinesiology, visual arts or performing arts tion, kinesiology, visual arts or performing arts.
This enrollment limit applies even if the studen receives a substandard grade or "W" during one or more enrollment or petitions for repetition du o extenuating circumstances.

\section*{Transfer Status Designation}

As indicated previously, the course number system is a guide to course transferability. In addition, the statu the course is transferable, the designator "Transferable" appears. "Transferable to: CSU" indicates that the course credit transfers to all of the California State Universities "Transferable to: CSU; UC" indicates that the course redit transfers to all of en Calfornia State Universitie and all of the University of California campuses. If the CSU; UC unit limitation), the transferability of the units to he University of California are limited in some way when combined with other courses in the discipline. Question oncering these courses should be directed to a coun selor.


\section*{Programs and Courses}

Courses with a description that includes: "L" means college-level language skills are recommended, "M" means college-level computation skills are recommended and "C" means computer literacy recommended. These requisites are advisory only.

\section*{ACCOUNTING (see Business)}

\section*{Administration of Justice}

Administration of Justice offers academy, degree, and certificate programs designed for entry into law enforcement, Yuba College offers:
- Academies for direct entry into employment. All academies and inservice training are P.O.S.T. and/or S.T.C. certified, meeting California State regulations for law enforcement.
- An Associate in Science Degree Program for students planning to enter law enforcement, corrections, or a related area after two years of course work (see specific degree requirements).
- A Transfer Program intended for students wishing to pursue a bachelor's degree

Inservice programs providing specific courses suited to the individual needs of those currently employed by a criminal justice agency.

\section*{Administration of Justice and Corrections} Programs
Upon successful completion of the required training Standards and Training) and/orS.T.C. (Standards of Training or Corrections) certification. Rosters are submitted to these State agencies which include individual names, agency
affiliation (if applicable), hours of training, and State-issued ffiliation (if applicable), hours of training, and State-issued control numbers to verify law enforcement certified topics and dates of completion. A course can be certified with
nine to 880 hours of training. Both State agencies require CPT (Continued Professional Training) every two years for P.O.S.T. and annually for S.T.C. for anyone working in a law enforcement environment.

\section*{ACADEMIES}

Employment in law enforcement or corrections usually quires completion of a related academy

Students are encouraged to contact the Administration Justice Department Office at Yuba College for current fourirements or for additional information about the courses and programs.

ADMINISTRATION OF JUSTICE-
BASIC POLICE ACADEMY
(Associate in Science)
Students who complete this program should be able to:
1. Explai appropriate investigative tecchniqueus and respo
scene to explain mastery of crime scene management
2. Identify law enforcement organizational composition tornt
rank structure, methods of police deployment, and resources avaiabbe to
police operations.
3. Explain of the role
3. Explain of the role of the community in a partnership with law enforcement
including, but not limited to, interpersonal skills of effective written and oral communication required of of a law enforcremenent officer.
4. Explait the role ofthe community in a partnership with hav ing. Required Courses
AJ 50A Reserved Training Module III ................................ 5.5 AJ 50 B Reserve Training Level III Module ....................... 2.5 AJ 51A Reserve Training Level II Module AJ 51B Reserve Training Module II.....
AJ 52A Reserve Training Level I Modu AJ 52B Reserve Training Level I Module AJ 52C Reserve Training Level I Module Total units required for degree major.
 General Educucation requirementst, the multicultural glaraduation reauirement 18 units of the heath reauiriemequit, in a adstition to to the program unaunits sisted here. Students
must complete a total of fol degree must complete atotal of 60 deggre applicable units to earm an AA or AS. Please
see your counselor for additional information see your counselor for additional information.

\section*{ADMINISTRATION OF JUSTICE} (Associate in Science for Transfer) Students who completet this program should be able to: 1. Apply criminology and criminal justic
address real-lite situations in the field.

\section*{address real-life situations in the field.
2. Recognize the importance and practic}

Profossional criminal justice work setting.

\section*{od to dor}

\section*{Required Courses} Units
AJ 10 Introduction to Criminal Justice System ,
AJ 11 Criminal Law.
Area A - Select 6 units from the following
AJ 13 Evidence.
AJ 14 Criminal Justice Process
AJ 15 Criminal Investigation.
. Area B - Select at least 6-7 additional units from the folof Justice lower division course or courses outside the Administration of Justice discipline that are articulated as lower division major preparation for the Criminal Justice or Criminology Major at any CSU.
SOCIL 1 Introduction to Sociology SYYCH 1 A General Psychology STAT 1 Introduction To Statistical Methods Students earning an AA-T/AS-T degree must complete 60 semester units a coursework eligibl for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the maior with "C" or better grades, and achieve

\section*{CORRECTIONS}
(Associate in Science)

\section*{Required Courses}

Students who complete this program should be able to

2. Analyze complexsituations, employ areasonable planforrescolutionanand devise methods for appraisal ofdesired outcomes as they apply to Correctional Science. 3. Demonstrate an understanding of Corrections to odifficulties in socieity, based

AJ 11 Criminal Law
AJ 20 Juvenile Law and Procecedures
AJ 30 Introduction to Corrections ....
AJ 31 Criminal and Delinquent Behavior
AJ 33 Introduction to Correctional Counseling
Plus 3 units from the following.
AJ 10 Introduction to Criminal Justice System
AJ 14 Criminal Justice Process..
 J 21 Narcotics and Drugs...
UUSEV 10 Introduction to Human Services
Psychology/Sociology elective

Sudeents earning an AAAAS degree must complete a minimum of 18 units on
General Education requirements, the multicultural graduation requirement, and the health requirement, in adsdition to to the prograram units isted here. Students must complete a atoal of 50 degree applicable
see your counselof for additional information.

\section*{LAW ENFORCEMENT}
(Associate in Science)
Students who complete this program should be able to.
1. Explain appropriate investigative techniquues and responsibilities at a crime scene to demonstrate mastery of crime scene management.
2. Identify law enforcement or caanizational composition to inclu
2. Identity yaw enfirechon organizationaympostion to include paramilitary
rank structure, methods of police deployment, and resources available to police operations.
3 . Explain the role
3. Exxlain the role of the community in a partnership with haw enfircement
including, but not linited to, interpersonal skills of effective writen and oral Incluading, but not
comurications.
anited to, interpersonal skills of effective writiten and oral
4. Explain the role of the community in a partnership with law enforcement

Required Courses Units
AJ 10 Introduction to Criminal Justice System
AJ 11 Criminal Law
AJ 13 Evidence....
AJ 14 Criminal Justice Process
AJ 15 Criminal Investigation.......................................
AJ 19 Multicultural Communities and the Justice System. AJ 78 Investigative Report Writing for the Public Safety Professional.
Total units required for degree major..
AJ 20 Juvenile Law and Procesedure AJ 21 Narcotics and Drugs.. AJ 30 Introduction to Corrections
Students earning an AAAAS degree must comple.............................. 3 General Education requirem ents, the multicultural graduation requirements and
the heath requirement, in addition to the program units sisted here stude must complete a totala of 60 degreee applicable units to earm an AA or AA. Please see your counselor for additional information

\section*{BASIC POLICE ACADEMY \\ (Certificate of Achievement)}

Students who complete this program should de able to:
1. Explai appropriate investigative techniques and responsibilites at a crime
scene to explain mastery of crime scene management.
2. Ilentity ala enforcement organizational composition to include paramilitary
ank stry
rank strucurue, mettods of police deployment, and resources available to
police operations.
3. Explain of the
3. Explain of the role of the community in a parthership with law enforcement
including, but not limited to, interpersonal skills of fffective witten and oral communication required of a a law enforcemement officer
4. Explai the role ofthe community ina parthership with law enfircement
ing. but not tot limited to, the critical thinking required of of a aw enforcement officer Required Courses
AJ 58A Basic Peace Officer Training AJ 58A Basic Peace Officer Training AJ 58C Basic Peace Officer Training \(+. . . .23\) total units required for certificate....

\section*{RESERVE TRAINING MODULE}

ACADEMY
(Certificate of Achievement)
Students who complete this program should be able to:
1. Apply criminologoy and crimimal justsice theories, principiles and concepts to

\section*{Required Courses} Units
AJ 52A Reserve Training Module
AJ 52B Reserve Training Module
Total units required for certificate.. \(\qquad\)
RESERVE OFFICER LEVEL II
Certificate of Achievement)
Students who complete this roogram should be able to:
1. Recognize the importance and practice of legal and ethical behaviors in a

\section*{Required Courses}

AJ 51A Reserve Training Module II
Total units required for certificate...

\section*{SPECIAL INVESTIGATOR ACADEMY}
(Certificate of Achievement)
Students who complete this program should be abl to:
The meotmpicated ana complex special crime and develop a written complaint.
and then analyze the basic elements of a crime, as defined by the
Califoria Penal Code, in order to prepare a complex criminal report. 3. Explain appropriate investigative techniques and responsibib
scene to demonstrate master of orime scene management.

\section*{Required Courses}

Units
AJ 217A Specialized Investigator's Basic Course ............. 20
AJ 217B Specialized Investigator's Basic Course
RESERVE OFFICER LEVEL 3

\section*{Certificate of Training)}
students who complete this program should be able to:
A.Analyze, interprotand devaluate criminiologicalaldd criminalj sustice theories, pol

\section*{Required Courses}

AJ 50A Reserve Training Module III
AJ 50 B Reserve Training Mo
otal units required for certificate

CORRECTIONAL OFFICER ACADEMY Certificate of Training)
Students who completet this program should be able to:
1. Explaiththe functionar realitionship between Corrections and law Enforcement.
2 Annalze complesitutions employ areasonableplan forresolution and devise 2.Analyze complexexituations, employ reaesonable planfor reseolutitionand devise


\section*{Required Courses}

AJ 70A Correctional Officer Core Course
AJ \(70 B\) Correctional Office
Total units required for certificate

AJ 10
3 units
54 lecture hours Criminal Justice System

\section*{C-ID AJ 110}

Overview of the history and philosophy of the U.S. justice system; study of the modern criminal justice system and its components, law enforcement, courts, and corrections
identifying the roles of the various professionals within the system and their interrelationships; analysis of legal issues; study of theories of crime causation, punishment, and rehabilitation. (L)
AJ 11
54 lecture hours
Criminal Law
3 units
Transferable to CSU/UC
C-ID AJ 120
This course provides an analysis of the history, philosophy, and constitutional provisions of criminal law in the United States
study of common law, statutory law, and case law applicable to law enforcement, including exploration of crimes against persons, property, public peace, narcotics, and dangerous weapons. Special emphasis is placed on the classification of crime, the general elements of crime, and the definition information on prosecution and defense procedure, including criminal defenses, legal justifications, and burdens of proof This course utilizes case law and case studies to introduc
students to criminal law. (L)
AJ 13 Evidence
54 lecture hours
Transferable to
C-ID AJ
This course examines categories of evidence and legal rules governing its admission and exclusion in the criminal process he origin and development of evidentiary law; and the study of both codified evidentiary law and applicable court decisions. Specific topics include, types of evidence, the judicial proces proof, direct and circumstantial evidence, testimonial evidenc and witness competency, the hearsay rule and its exceptions, demonstrative evidence, judicial notice, and issues relating to search and seizure. (L)

AJ 14
Criminal Justice Process
3 units
Transferable to CSU
Transferable to
C-ID AJ 122
nalysis of legal processes from pre-arrest through trial and appeal, sentencing, and corrections procedures utilizing
statutory law and state and constitutional law precedents. (L)
AJ \(15 \quad\) Criminal Investigation
transferable to CSU
C-ID AJ 140
Addresses procedures and concepts as applied to criminal investigations, including surveillance; crime scene response anagement, and identification, coliection, and processing Case Law; interview/interrogation processes and techniques; identifying information sources; procuring search warrants; erving search warrants; exceptions to the search warrant tudents capacity to analyze specific situations and identify sound ethical investigative procedures. (L)
AJ 16
Police Operations
3 units
4 lecture hours
Philosophy, functions, organization, duties, and analysis of police operational functions including public servic esponsibilities and special police problems. (L)
AJ 19
Multicultural Communitie
and the Justice System
54 lecture hours
Transferable to CSUIUC
C-ID AJ 160
Examines the complex relationship between multicultural differences and strategies to effectively address crime related issues. Addresses potential societal barriers involving race thnicity, gender, religion, sexual orientation, age, social class, culture and the evolution of the law enforcemen
profession in understanding how relationships are developed, maintained, and changed to meet ethnic and minority group needs. Additional topics include multicultural representation law enforcement, cross-cultural communication, community policing, and restorative justice principles. (L)

AJ 20
Juvenile Law and Procedures 3 units
4 lecture hours
Transferable
C-ID AJ 220
This course is an examination of the origin, development, and rganization of the Juvenile Justice system as it evolved in the American Justice system. The course explores the theories hat focuses on Juvenile law, courts and processes, and the
onstitutional protections extended to juveniles administered jurisdiction of juvenile agencies; processing and detention of juveniles; juvenile case disposition; legal statutes, and cour procedures. (L)

AJ 21
54 lecture hours
\({ }^{\mathrm{Nar}}\)
Transferable to CSU
Analysis of narcotics and drugs, the physical effects of addiction, and the sociological problems of drug abuse
Students will be introduced to the concept of substance abuse and dependence, the definition of licit and illicit drugs, and the pharmacologic, neurologic and physiologic effects of selecte
substances on the human brain Poltical social substances on the inman brail. Pand demand for drugs will be
factors involved in the supply discussed. Epidemiologic data on the prevalence, incidence, and trends of smoking, alcohol, prescription and other drug dependencies in the U.S. will be covered, as well as ris Current options for recovery and a survey of local resources will be reviewed. (L)
AJ 30
54 lecture
Introduction to Corrections 3 unit ransferable to
This course provides the history, philosophy, and overview of corrections including probation, parole, and correctiona institutions; critical analysis of punishment, he various type punishment; a critical examination of the types of correction institutions and the clients housed in each institution, and an examination of contemporary correctional issues. (L)
AJ 31
Criminal and Delinquent
3 units
Behavior

54 lecture hours
Transferable to CSU
An introduction to the study of criminology and crime causation explores the causes of crime and delinquency by analyzing Introduces the student to the study of major types of crimina behavior, patterns of career offenders, and factors which contribute to the production of criminality and delinquency. (L)
AJ 33 Introduction to Correctional 3 units
54 lecture hours
History, objectives, and theories of counseling relevant to corrections; common methods, techniques, and intervention of counseling; understanding the client as a person. A basic course forrections field. (L)
AJ \(34 \quad\) Correctional Treatment 3 units
54 lecture hours
Transferable to CSU juveniles and adults, in both the casework setting and in custody institution. This is a basic course for students planning to en
(L)

\title{
AJ 50A Reserve Training
}

44 lecture hours, 30 lab hours
Other: Medical/Physician's Clearance; Health/History, Par Q Corequisite: Concurrent enrollment or satisfactory completion f: AJ 50B
his course is designed to meet the new Peace Officer tandards and Training (POST) requirements for the Regula asic Course (Modular Format), Level III Reserves as o lass as of January 2007 This is the first of three modules to complete the POST Basic Police Academy, extended format \({ }_{\text {(L). }}^{\text {comple }}\)

\section*{AJ 50B}

\section*{Reserve Training Leve} III Module
hours, 28 lab hours
Other: Department of Justice Fingerprint Clearance. Current C 832 Training including Firearms (AJ 54 A/B); Medical Physician's Clearance.
Corequisite: Concurrent enrollment or satisfactory completion of: AJ 50A
This course is designed to meet the new Peace Office Standards and Training (POST) requirements for the Regula Basic Course (Modular Format), Level III Reserves as of July 2008. This course is Part II (B) of the necessary training for entry-level peace officer training (L)
AJ 51A \(\quad \begin{aligned} & \text { Reserve Training Level } \\ & \text { II Module }\end{aligned}\) 39 lecture hours, 14 lab hours
rerequisite: Satisfactory completion of: AJ 50A and AJ 50B ther: Current First Aid/CPR (within last 3 yrs), Departmen (AJ \(54 \mathrm{~A} / \mathrm{B}\) ). (AJ 54AB).
of: AJ 51B This course is designed to meet the new Peace Officer
Standards and Training (POST) requirements for the Regular lasic Course (Modular Format), Level II Reserves as of requirements for back-up officers. (L)
J 51B Reserve Training Module II 5 units 78 lecture hours, 42 lab hours
Prequisite: Satisfactory completion of: AJ 50 A and AJ 50 B Other: Department of Justice Clearance and MJical rent enrollment or satisfactor completion Corequisite
of: AJ 51 A
Module II of a three-part course sequence that satisfies the Regular Basic Peace Officer Course training requirement. meet the new Peace Officer Standards and Training (POST) requirements for the Regular Basic Course, Level II Reserve as of July 2008. This course is Part II (B) of the necessary trining requirements for back-up officers. (L)

Module
227 lecture hours, 59 lab hours
Prerequisite: Satisfactory completion of: AJ 51 A and \(A \leq 518\) Corequisite Cond r. A final module in the Regular Basic Course (Modular The final module in the Regular Basic Bairse (Modula Format), Level/ Reserve Officer

\section*{AJ 52B \\ Reserve}

26 lecture hours, Module
Prerequisite: Satisfactory completion of: AJ 51 A Corequisite: Concurrent enrollment or satisfactory completio

The final module, Part II (B) in the Regular Basic Course Modular Format), Level I Reserve Officer for POST Basic

AJ 52C
1 unit
64 lab hours

\section*{Module}

Prerequisite: Satisfactory completion of: AJ 51A and AJ 51 Corequisite: Concurrent enrollment or satisfactory completion
of: AJ 52A and AJ 52B
The final module, Part III (C), in the Regular Basic Course Modular Format), Level I Reserve Officer for POST Basic

AJ 54A
33 lecture hours, 7 lab hours
832 p.c. Laws of Arrest search and seizure, communication arrest and control techniques. Meets Peace Officer Standard and Training (POST) and Standards of Training for Correction \(A / B\) but (SC). This course is not a prerequisite for AJ 50 officer core course. (L)
AJ 54B Peace Officer Orientation .5 un
14 lecture hours, 10 lab hours
Prerequisite: DOJ fingerprint clearance.
832 p.c.; Firearms Training. Meets Peace Officer Standards and Training (POST) and Standards of Training for Correction Program (STC) Recommended for students taking the correctional officer core course. (L)
AJ 70A \(\quad\)\begin{tabular}{l} 
Correctional Officer \\
Core Course
\end{tabular}
17.5 lecture ho Core Course

Other: Medical clearance, Health/History, Par-Q
orequite: Concurrent enrollment or satisfactory completion
Theory and application of Corrections Officer Training. Meets f course study include: Criminal Justice System, Codes and contraband/evidence, booking, and receiving ref inmates, maintaining security, report writing, supervising inmates distribution of supplies, monitoring health, management of mate workers, screening visitors and mail, transport of utside facilities, emergency procedures,

\section*{Correctional Office}
ther: Medical clearance, Health/History, Par-Q.
Corequisite. Concurrent enrollment or satisfactory completion
heory and application of Corrections Officer Training. Meets California Department of Corrections and Rehabilitation restraint techniques. (L)
AJ 78
Investigative Report Writing \(\quad 3\) units
for the Public Safety for the Public Safety
4 lecture hours
hvestigative report writing for the public safety professiona parole activities, and private security services. Includes practical experience in preparing field notes, letters memorandums, and official administrative reports; the role f reports in civil litigation, criminal prosecution, and the recognizing the characteristics of good report writing and addressing the common report writing problems, including use f correct terminology, grammar, spelling and composition. tudents will also be introduced to contemporary information torage, and distribution of official information and reports. Grades are P/NP option. (L)
AJ 200A Probation Officer
7.5 units

117 lecture hours, 54 lab hours
Clearance; Health/Hist Par
orequisite: Concurrent enrollment or satisfactory completion
Designed to provide the basic concepts and skills for "entry evel" Probation Officer, including overall mission, role nd function in the California Juvenile and Adult Justice System; major tasks and responsibilities; and competency in Corrections Standards Authority, Division of Standards and raining for Corrections (STC) requirements for "entry leve" Probation Officers. (L)
\begin{tabular}{l|ll}
7 units & AJ 200B & \(\begin{array}{l}\text { Probation Officer } \\
\text { Core Course }\end{array}\)
\end{tabular} 27 lab hours
18 lecture hours, 27 lab hours Corequisite: Concurrent enrollment or satisfactory completion of: AJ 200A
Designed to provide the basic concepts and skills for "entry Physical Skills Training. Meets California Correction Standards Authority, division of Standards and Training for Corrections (STC) requirements for "entry level" Probation Officers. (L)
AJ 202A
uvenile Correctional
6.5 units

108 lecture hours, 27 lab hours
Other: Medical clearance; Health/History, Par-Q
Corequisite: Concurrent enrollment or satisfactory completion
Designed to provide the basic concepts and skills for entry-level" Juvenile Corrections Officer, including overa mission, role and function in Callifma Juvenile Justic
System; major tasks and responsibilities; and competency in various knowledge and skill requirements. Meets California Corrections Standards Authority, Division of Standards and Training for Corrections (STC) requirements for "entry-leve
Juvenile Corrections Officers as of July 2007. (L)

\section*{AJ 202B Juvenile Correctional}

4 lecture hours, 26 lab hours
Other: Medical clearance; Health/History, Par-Q
Corequisite: Concurrent enrollment or satisfactory completion of: AJ 202A.
Designed to provide the basic concepts and skills for "entry evel" Juvenile Corrections Officer. This section covers Corrections Standards Authority, division of Standalloria Training for Corrections (STC) requirents for "entry leve Juvenile Corrections Officers as of July 2007. (L)

\section*{AJ 217B2 Specialized Investigator's}

4 units

\section*{57 lab hours}
57.5 lecture hours, 57 lab hours

Prerequisite: Satisfactory completion of AJ 21781
Corequisite: Concurrent enrollment or satisfactory completio
Second of two investigator academy modules to receive a completion of training certificate. Motor Skills Module specifically designed as an entry-level course for Sta Investigators as prescribed by the Commission of Peace officer Standards and Training. Students must take AJ 217A2 simultaneously. Successful completion of both modules (AJ 217B. (L)

AJ \(218 \quad\) Field Training Officer
2.5 units

45 lecture hours
letion of POST Academy or have A
Prerequisite
approval
Designed to provide the student with an understanding of
the goals and objectives of the California Commission on Peace Officer Standards and Training (POST) Field Training Officer course. The material presented will be directed to law enforcement personnel and is designed to satisfy course (FTO). The information will be addressed in 9 hour modules. Grades are P/NP. (L)
AJ 219A
Basic Requalification
4.5 units

4 lecture hours, 4
Prerequisite: CA Basic Police Course certification
Other: DOJ clearance; Medical clearance, Health/History, Par-Q.
This course is for the re-certification of persons who previously completed a POST certified Basic Course and who have a
three-year or longer break in service as a peace officer or level 1 reserve.
AJ 219B

\section*{Basic Requalification} Course
8 lecture hours, 30 lab hours Prerequisite: CA Basic Police Course certification Other: DOJ clearance; Medical clearance, Health/History Par-Q.
This course is for the re-certification of persons who previously
 eve-year or 1 reserve This section is the Arrest Control and Firearm portion of the academy.
AJ 221
Investigation and Trial
80 lecture hours
Prerequisite: Students must have completed a POST Basic Police Academy or be sponsored by a law enforcement agency. Designed to orient peace officers who have been, or are about o be assigned to investigative staff of a District Attorney' omplete this course within one year of employment as a \(D A\) nvestigator. Successful students will receive a certificate of completion. Topics include: roles of the investigato professionalism and ethics, victimology, witness and informan and support, evidence search and seizure, civil process, investigative techniques, family support investigations, officer involved incidents, and other relevant topics. There is a \(\$ 200\)

\section*{Agriculture and Plant \\ Science}

At Yuba College we believe these are very exciting iimes for agriculture, agricultural business and for rura America. Within Yuba and Sutter Counties sustainabl of increasing relevance. Agriculturists are becoming more aware of the need for scientific farming to improv productivity and profitability. The close, friendly nature of Yuba College, combined with an integrated agricultural curriculum and remarkable access to hands-on education, creates a fertile learning environm the agriculture industry we serve.

Career opportunities in agriculture and plant science are many and varied. They include jobs in the food, fibe and nursery industries; jobs in air, land, water, and natura
resources; as well as jobs in pest management, veterinary technology, environmental regulation and protection- bio echnology; accounting, and farm management. Students planning to transfer to a four year learning institution should contacta counselor to ensure correct course placement.A apioneer in innovative curriculum programs for the Californ Communiy College system, Yuba College has developed and through jint input has developed a curriculum to help enhance and expand the local agriculture sector.
Today's expanding agriculture arena focuses on pro duction methodology that enhances existing resources The Yuba College Agriculture Program is about the local farming community. Our Agricultural Program provide both the small business and technical skills needed to develop and manage a profitable, environmentally sound

Students use their Yuba College education to develo farms, nurseries, green houses and ranches, while others seek employment at established agricultural operations Employment opportunities are found elsewhere throug
schools, parks and environmental centers. Jobs are available with non-profit organizations focusing on farmer advocacy. The agriculture degree is also useful for person desiring to serve in the Peace Corps or other humanitarian volunteer agencies

Yuba College Agriculture Program graduates are warded an Associate in Applied Science degree. The cur riculum, designed as a two-year diverse program, include classes in soil, plant and animal science, sustainable live stock management and greenhouse desig.

AGRICULTUR
(Associate in Science)
1. Identify and apply the principles sand techniques of modern crop, soil, and Demonstrage sent. as well as be proficient in laboratory procedures. 3. Describe fundamental practices in agriculture for livestock, crops, and sol

Required Courses
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A 14 Entrepreneurship..
G 45 or 45L Priniphip...............................................

```
PLSCI 20 or 20L Principles of Plant Science
LSCI 22 or 22L Introduction to Soils
omplete 9 units of Agriculture elective
tal units required for degree major
    Students earning an AAAAS degree must complete a minumun of 18 ............. 21
    General Education
    the health requirement, in addition to the program units isted here. Students
must complete a total of 60 degree applicable e

\section*{Agricultural Business}

The Yuba College Agricultural Business course of study is a fully on-line Certificate of Achievement that provide o prepare students or augment existing skills to develop knowledge and self confidence working in the field of agricultural business. Students learn effective communication chniques, agricultural accounting methodology, compute kills, agricultural marketing and entrepreneurship. You more specialized study. If you are considering transferring 0 a four year institution, this certificate prepares you fo arther training in agricultural economics and busines dministration, as well as other related fields.

Agricultural related internships provide students with pportunities to observe and develop management skills nd to gain professional experience. Internships are parficularly ymportant for students with limited rural/agricultura tudents will gain experience in marketing, production, management, and/or finance in an agricultural business or resource agency

With a Certificate of Achievement in Agricultural Busiess from Yuba College, you can enhance your efforts to ind a career with agricultural business firms in production management, or sales. Opportunities include farm rea state appraisal, agricultural finance, commodity brokerrokering, landscape contracting, feedlot management, and farm input sales.

AGRICULTURAL BUSINESS
(Certificate of Achievement)


\section*{54 lecture hours}

Basic principles of accounting as applied to agricultura business and farm operations. The class will develop the skill needed to create a general ledger, develop and analyze balance sheet, and understand a profi-and-loss statemen on both hand and computer applications. (LM)

AG 13
Marketing
units
54 lecture hours
Transferable to \(C S U\)
Principles and applications of marketing applied to entrepreneurial ventures including concepts, methods, tactics and strategies. Traditional methods of marketing as well marketing on the Internet will be included. Students will dever marketing for a business of their choice. (L)
AG \(14 \quad\) Entrepreneurship
3 units
Transferable to CSU
Principles of establishing and managing a small busines including the preparation of a business plan; emphasis on goaand permits, financing options, accounting aspects, lega requirements, managing the enterprise, and other aspects in usiness entrepreneu
taken MGMT 14. (L,M)

AG 45
Principles of Animal Science 3 units
Transferable to CSUIU
An overview of the principles of animal science and the Interrelationship of domestic animals and humankind
This course will investigate animal anatomy, physiology reproduction, nutrition, health, products and by-products a well as behavior and genetics from a scientific prospective Current topics on influences of humans on genetic potential
and productivity will be addressed. Experimental design and reporting, animal dissections, basic animal handling and husbandry practices, recognition of animal health, and use of biotechnology in animal science. Not open for credit to student with credit in AG 45L. (L)

AG 45L Principles of Animal Science 4 units 4 lecture hours, 54 lab hours
Transferable to CSUIU
An overview of the principles of animal science and the This course will investigate animal anatomy, physiology, reproduction, nutrition, health, products and by-products as well as behavior and genetics from a scientific prospective Current topics on influences of humans on genetic potentia
and productivity will be addressed. Experimental design and reporting, animal dissections, basic animal handling and usbandry practices, recognition of animal health, and use of iotechnology in animal science will also be addressed. Not on for credit to students with credit in AG 45. (L)

\section*{Plant Science}

PLSCI 20 Principles of Plant Science 3 units
4 lecture hours
Transferable to CSU/UC - UC Unit Limit
Principles of plant growth including structure, growth processes, propagation, physiology, growth media, and PLSCI 20L. (L,M)
LSCI 20L Principles of Plant Science 4 units 54 lecture hours, 54 lab hours
Transferable to CSU/UC - UC Unit Limit
Principles of plant growth including structure, growth processes, propagation, physiology, growth media, and iological competitors. Laboratory topics include microscop espiration and other aspects of plant growth and development. Not open to students with credit in PLSCI 20. (L,M)

PLSCI 22
54 lecture h
Introduction to Soils
Transferable to CSU/UC - UC Unit Limit
Physical, chemical, and biological properties of soils as
related to plant growth and soil formation of soil development, classification and characteristics; soil use and management including erosion, moisture retention structure, cultivation, organic matter and microbiology. No open to stude
option. (L,M)
PLSCI 22L Introduction to Soils
54 lecture hours. 54 lab hours
Transferable to CSUIUC - UC Unit Limit
, and hiological properties of soils as related to plant growth and soil formation. Including the study of so development, classification and characteristics; soil use and management including erosion, moisture retention, structure, cultivation, organic matter and microm
students with credit in PLSCI 22. (L,M)

\section*{Anthropology}

ANTHR
54 lecture hours
Introduction to Physical \(\quad 3\) units
Anthropology Transferable to CSU/U
This course examines human biological variation within evolutionary context. It includes an introduction to the history and molecular biology; the anatomy behavior, and ecology of our closest living relatives, non-human primates; the evolution of the human lineage through the hominid fossil record variation among modern human groups, past and present, and course, attention is paid to the complex interaction between biology, behavior, and culture.

\section*{54 lecture hours} Cultur
Transferable to CSUIUC
Investigates the diversity of cultures in regards to language economics, kinship, art, religion, technology, and cultura universals; functional aspects of culture and culural change
varieties of customs and institutions of different peoples significance of human culture.
ANTHR 3 \(\qquad\) introduction to Archaeology 3 units 54 lecture hours su/uc
Introduction to the methods and theories of modern archaeology, including site exploration and interpretation, Patterns of evidence for human behavior from the first human
to the beginnings of written history. (L)

\section*{Art}

Classes with " \(R\) " can be taken a total of four times but are subject to Family of lasses restrictions on page 86

\section*{ART}
(Associate in Arts)
Students who complete this program should be able to
2. Demonstrate skill in design and composition of various art forms
\begin{tabular}{l} 
Required Courses \\
\hline
\end{tabular}
ART 1 A History of Art or ART \(1 B\) OR ART \(1 C\). -......... 3 ART 4A-4B Drawing and Composition ART 6A-6B Basic Design ........................
Plus \(1-3\) units from the following
ART \(2,3 \mathrm{~A}, 3 \mathrm{~B}, 5,7 \mathrm{~A}, 7 \mathrm{~B}, 7 \mathrm{C}, 8 \mathrm{~A}, 9 \mathrm{~A}, 12 \mathrm{~B}, 14 \mathrm{~B}\), 15A, 15B, 18, 19A, 19B, 31
Total units required for degree major..................................................... 18 Students earning an AAAAS degree must complete a minimum of 18 units of
General Education requirements, the multicultural gradutution requirement and Generara Eucuacaion require emenst, the multiculturarargraduation requirement, ant
the heath
requirement, in addition to the program units sisted here. Students must complete a total of 60 degrree applicable units to earn an AA orAS. Pleas see your counselor f or additional information.

\section*{COMMERCIAL ART}

Associate in Science
studentis who complete this program should be able to:

\section*{media, art forms, and artists. \\ 2 Demonstrate specificists.} 2. Demonstrate specitib practicice and personal s sillil in various studio arts media. nd promote personal/professsional work.

\section*{Required Courses}

ART 2 Color Theory
ART 4A-4B Drawing and Composition
ART 6A-6B Basic Design
ART 19A Introduction to Commencricial At
Plus 3 -5 units selected from the following:
Art 1A, 1B, 1C, 8A, 8B, 9A, 9B, 12A,
12B, 14A, 14B, 15A, 15B, 3
Total units required for degree major.............................. 24 Students earning an AAAAS degree must complete a minimum of 18 units of
General Education requirements, the multicultural graduation requirement, and Generara Eaccation reauirements, the multiculutural fraduation requirement, and
the health requirement, in addition to the program units isted here. Students must complete a total of 60 degree epplicable units to earn an AA or AS. Pleas
see your cunsslor or ardditinal information.

\section*{PHOTOGRAPHIC IMAGING}
(Associate in Science)
Students who complete this program should be able to
1. Effective
photograp
photography.
2. Demonstratea



Required Courses
ART 31 Basic Photography
ART 31 Basic Photography.
ART 33 Advanced Photograp ART 35 Creative Photography Documentary ART 36A Digital Photography. ART 36 B Introduction to Photoshop ( 3 units each)
Plus 10 units from the following:
ART 32A \& ART 32 Int ART 32A \& ART 32B Intermediate B\&W Photography ........ 6
ART 2 2C Advanced Projects - Black \& White .............-6 ART 34C Advanced Projects - Colo ART 36C Advanced Projects - Digita Total units required for degree maj \(\qquad\) complete Students earning an AAAAS degree must complete a minimum of 18 units of 28
General Education requirements, the multicultural gradu General Education requirements, the multicultural graduation requirement, and
the heath requirement in addition to the program units listed here. Students must complete a total of 60 dedgree applicable units to earm an AA or AS. Please
see joir coanselor for adatitiona informatia
Additional Recommended Courses.
ART 5 Art Appreciation
ART 6A Basic Design
ART 27 LR Materials and Procecesses
ART 38 Field Workshop-Black and Whit
ART 39 Field Workshop-Color/Digital

\title{
STUDIO ARTS \\ (Associate in Arts in Studio Arts
} for Transfer)
Students who complete this program should be able to:
1. Atriculate and communicate a broad knowedge of both the histor and the 1. Atriculate and communicate a broad knowedge of both the history and the
practice of various studio arts media. practice of various studio arts media.
2. Demonstrate aspecific practice and personal skill of various studio arts media. 2. Demonstrate a speciic pracicice and personaiskilio ovariousstudioartsmeelia.
3. Engage in both community and professional practice in the exhibition of
personal work.

Required Courses Units
ART \(1 B\) History of Art Basic Desi...........
ART 6A Beginning Basic Design ..in
ART 6B Intermediate Basic Design
ART 4A Drawing and Composition..
ART 1 A History of Art...
ART 21 Asian Art History
RT 20 African, Oceanic, and Native Americ......................... 3 Survey.
RT Courses. Chose three ( 9 units):
ART 2 Color Theory.
ART 9A Beginning Painting
ART 12A Beginning Ceramics
ART 14A Beginning Sculpture.
ART 31 Basic Photography .
ART 36A Digital Photography
Total units required for degree major..
Students earning an AA-T/AS-T degree must comple............................. 24 courseworr eligibl for transfer to the CSU including the CSU GE-B or IGETC
CSU version). all courses int
It a minimum transferable cumulative GPA of 2.0 .

\section*{PHOTOGRAPHIC IMAGING}

\section*{Certificate of Achievement)}

Students who complete this program should be able to:
1. Effectively communicate using visual and technical language related to
photography
photography.
2. Demonstrate astrong
equipment and software.
3. Demononstrate an unurderstanding of photography's place in Art history and the
C. Contemporan At world
Required Courses
Required Courses
ART 31 Basic Photography ......................................... -
\(-\quad . \quad\).
\(-\quad 6\)
\(-\quad 6\) ART 33 Advanced Photography
ART 35 Creative Photography Documentary
ART 36A Digital Photography
ART 36B Introduction to Photoshop ( 3 units each................. 3
Plus 4 units from the following:
ART 32 C Advanced Projects
ART 32C Advanced Projects - Black and White 3-6
ART 36C Advanced Projects - Digital.............................................-3
Total units required..................
Additional Recommended Courses
ART 6A Basic Design \(\qquad\)
ART 38 Field Workshop-Black and W


ART 1A History of Art-I
3 units
Transferable to C
C-ID ARTH 110
Survey of Art history, painting, sculpture, and architecture Art from the Paleolithic period through the Early Christian World. (L)
ART 1B History of Art-II 3 units
54 lecture hours
sistory
Survey of European Art history, painting, sculpture an architecture from the Renaissance to the 20 th Century (L) ART 1L

Ceramics Laboratory v.5-1 unit
27-54 lab hours
V.5-1 unit

Prerequisite: Satisfactory completion of: Art 12A or concurren nrollment
Open laboratory for current ceramics students to increase skills through the use of the ceramics faciily at times other than their own class time. May require co-requisites and/or prerequisite based on the content of the course. Grades are P/NP.
ART 2
36
Color Theory
36 lecture hours, 54 lab hours
Transferable to CSU
C-ID ARTS 270
Study and application of color theory to solve studio problems and an analysis of the interaction color in a laboratory situation.
ART 3A
54 lecture hours Women in Art I 3 units

54 lecture hours
Transferable to CSUIUC
The role of women as artists in the western world, beginning in the middle ages and concluding in the Twentieth Century
art world. Not open for credit to students with credit in HUMAN 26A or WOMEN 26A. (L)
ART 3B Women in Art II
.
Transferable to CSUIUC
Role of women as visual artists in Europe and the Americas focusing on the Twentieth Century. Not open for credit to N 26B. (L)
ART 4A Drawing and Composition 3 units
Transferable to CSU/UC
Tansferable to CSU/UC
Drawing and composition using various materials. Basic
struction in perspective

ART 4B Drawing and Composition 3 units
Intermediate
lecture hours, 81 lab hours
Transferable to CSUIUC
C-ID ARTS 205
Students in this course will build on fundamental drawing skills o develop personalized solutions to content and materials approaches to drawing Grades are P/NP option. (L)
ART 5
Art Appreciation
3 units
54 lecture hours
C-ID ARTH 100
Introduction to art appreciation with an emphasis on basic 2D 3D, and film mediums and their relationships to humanities Historical and contemporary work with a multicultural focus in HUMAN 5. (L)
ART 6A
Beginning Basic Design 3 units
27 lecture hours, 81 lab hours
ransferable to CSUIUC
ntroduction to the concepts, applications, and historical eferences that apply to two-dimensional art, including the asic principles and elements as they relate to two-dimensiona problems. (L)

RT 6B Intermed
Prerequisite- Satisfactory completion of: ART 6 A
Transferable to CSU/UC
C-ID ARTS 101
Students will explore the concepts, applications, and historica references that relate to three dimensional design and spatial composition, including the study of elements and organizing and form. (L)

ART 8A Watercolor
81 lab hours
Prerequisite: Satisfactory completion of: Art 4A
Prerequisite: Satisfactory
Transferable to
Transferable to CSU/UC
Basic principles and elements of watercolor painting in various
techniques; wet on wet, washes, and drybush Concopts of form, color, content, and space are explored. Grades are P/NP option. (L)
ART 8B Watercolor Painting
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 8A
Transferable to CSUIUC
Basic principles and elements of watercolor painting in various echniques; wet-on-wet, washes, and drybrush. Advance echniques applied, portfolio /NP option. (L)

ART 9A Beginning Painting
3 units
Transferable to CSUIUC
C-ID ARTS 210
Introduction to the principles, elements, and practices painting. Focus on painting materials, perceptual skills and color theory, paint mixing and technique, as well as creativ respons
ART 9B Intermediate Painting 27 lecture hours, 81 lab hours
mpletion of: ART 9A
Transtebe to CSU/UC
Emphasis on painting from painting media and techniques, ART 11
Mural Painting
27 lecture hours, 81 lab hours
3 units
Transferable to CSU/UC
Studio course focused on the actual creation of a large mural Students will design the composition, prepare the wall and produce the mural. (M)

\section*{ART 12A \\ Beginning Ceramics}

27 lecture hours, 81 lab hour
Transferable to CSUIUC
Basic studio techniques and processes in hand building and use of the Potter wheel for creative and artistic expression ART 12B
27 lecture hours, 81 lab hours
ransferable to CSUIUC
Prerequist testactory completion of: ART 12A Intermediate techniques and processes; creative and artistic
expression through the use of clay and glazes. Grades are /NP option. (L)

\title{
ART 14A
27 lecture \\ 27 lecture hours, Sculpture
}

Transferable to CSUMC
ntroductory course in sculpture: using and exploring the media of clay, plaster, wood and armature building. Grades are PI
P option. (L)
ART 14B Intermediate Sculpture
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory
Transferable to CSU/UC
Further study of three dimensional form and use of materials
such as clay, plaster, wood, metal and armature building
Grades are P/NP option
ART 15A Printmaking

3 units
Transferable to 81 lab
Practice of printmaking, relief, stencil, intaglio processes. To Practice of prinmaking, reief, stencil, intagio processes. To

RT 15B
Printmaking
rerequisite: Satisfactory
Transferable to CSUIUC
Practice of printmaking, relief, stencil, and intaglio processes oxplore the visual and expressive potential of the fine print, neme
Beginning
36 lecture hours, 54 lab hours
Transferable to CSU
This course is an introductory overview of the technical oftware and aesthetic fundamental elements for creating will also include a study of "letterform", typeface, copy fitting, oftware and the creative application of all the above. Grades are P/NP option. (L,C)
ART 19A \(\begin{gathered}\text { Introduction to } \\ \text { Commercial Art }\end{gathered}\)
3 units
7 lecture hours, 81 lab hours
Transferable to CSU
hatroduce the student to a broad range of assignments to solve the needs of a client and use principles of computerized drawing and design. Using the basic concepts, drawing tools, nd vocabulary of Adobe CS6 Design \& Web Premium, which ncludes: Photoshop CS6 Extended, Illustrator CS6, InDesig S6, Acrobat X Pro, Bridge CS6, and Media Encoder CS6
Grades are P/NP option. (C)

ART 19B Commercial
Prerequisite: Satisfactory completion of: ART 19

\section*{Prerequisite: Satisfa}

Transferable to CSU
Studio practice in the basic concepts and techniques of commercial illustration, using typical projects that occur in
employment situations. Stress on various media, portfolio, and employment situations. Stress on various media, portin
camera ready work. Grades are P/NP option. (C)

ART 20 African, Oceanic, and Native 3 units 54 lecture hours

American Art History Survey
Transferable to CSU
This course is a survey of visual culture within select region in Africa, Oceania, and indigenous Americas. Grades are P/

ART 21
54 lecture hours
Asian Art History
Transferable to CSU
This course is a survey of the arts of China, India, Japan, Indonesia, Korea, and South East Asia from prehistoric times to the present. This course examines the wide variet historical contexts, with emphasis on function, meaning aesthetic concepts, mechanical aspects of art making, and the classification and criticism of these arts. Grades are P NP option. (L)
ART 25 Multimedia Design \& Writing 4 units 36 lecture hours, 108 lab hours
Transferable to CSU
Principles and practice of designing and writing multimedia presentations, reports, flyers, press releases, posters and web pages. Emphasis on applying art theory and effective writing echniques to individual and group projects.
ART 27 Photography Materials and
54 lab hours
Prerequisite: Satisfactory completion of. ART 31
Transferable to CSU
An additional laboratory experience for those interested in further refining and developing concepts attained in regula
course offerings in the photography emphasis in Fine Art.
ART 29 Individual Problems 3 unit in Design
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 6B
Transferable to CSU
Advanced principles and elements of art and their functioning design as related to all phases of art. (L)
ART 31 Basic Photography
36 lecture hours, 54 lab ho
Transferable to CSU/UC
An exploration into basic camera operation and black and
white processing and printing. History and develan white processing and printing. History and development of
photography. Emphasis is on personal expression. Adjustable photography. Emphasis
camera preferred. (L)

ART 32A Intermediate Black and
36 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: ART Transferable to CSU
Advanced darkroom processes, zone system, archiva processing, print and negative chemical manipulation troduction to the large format camera. Discussion and critica d. (L,M)

\section*{ART 32B \(\quad \begin{aligned} & \text { Intermediate Black and } \\ & \text { White Photography }\end{aligned}\) \\ 3 units}

36 lecture hours, 54 lab hours
rerequisite: Satisfactory completion of: ART 32A Transferable to CSU
Qualitatively oriented advanced black and white course ilowing further development of concepts attained in 32A mphasis on advanced zone system, large format camer -

\section*{Advanced Projects}

36 lecture hours, 54 lab hours
rerequisite: Satisfactory completion of: ART 36B Transferable to CSU
ndividual exploration of advanced black and white photography concepts such as refining the zone system, infrared hotography, large format camera, etc. within a structured but

ART 33 Advanced Photograph
36 lecture hours 54 lab hours
6 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: ART 36B le to CSU
raditional and digital based photography: further exploration within the student's area of interest. Assignments in creative解 \(A\) and certificate, designed to be a culmination of students xperience. Preparation of final portfolios and resume to target pecific photographic markets. (L)

\section*{ART \(35 \quad\) Creative Photo}

3 units
6 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: ART 31 or ART 36A ransferable to CSU
art
hotograph as it is used in social and personal commentary hdividual exploration and creativity will be deployed to creat focused photographic essay. Various presentation methods be explored. (L)

ART 36A
Digital Photography
6 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: ART 3
Transferable to CSU
htroduction to digital photography: exposure control, file Grades are P/NP option. (C)

ART 36B Introduction
54 lab hours
Srerequ lab hours Prerequisite: Satisfactory
ble to CSU
Introduction to the vast image editing possibilities of Adobe Photoshop. Global and local color/tonal/contrast controls
via selections, masks and adjustment layers to produce vel selections, masks and adjustment layers to produce
reproduction quality output. Creative retouching and montaging. Transmissive/reflective scanning
ART 36C Advanced Projects - Digital

> Advance 36 lecture hours, 54 lab hour

Prerequisite: Satisfactory completion of ART 36
Transferable to CSU
within a structured of advanced digital imaging concepts within a structured environment. Projects may include
advanced montaging, text layers, web authoring, integration with other 2D/3D mediums. Self-generated projects ar emphasized
ART 38 Field Workshop- v1-3 units
9 lecture hours, 27 lab hours (1 1 int
18 lecture hours, 54 lab hours ( 2 units)
18 lecture hours, 108 lab hours (3 units)
Prerequisite: Satisfactory completion of: ART 31 or MCOMM 11, or ART 36A.
Transferable to CSU
Intensive location field workshops covering specific topics in
black and white photography especially suited for the particular black and white photography especially suited for the particula of meals, lodging, transportation, and materials.
ART 39

\section*{Field Workshop
Color/Digital}
v1-3 units
9 lecture hours, 27 lab hours (1 unit)
8 lecture hours, 54 lab hours (2 units)
8 lecture hours, 108 lab hours (3 units)
Prerequisite: Satisfactory completion of: ART 31 or MCOMM 1 or ART 36A
Transferable to CSU
workshops covering specific topics in color/digital photography especially suited for the particular
season and geographic location. Student responsible for cos of meals, lodging, transportation, and materials. Grades ar /NP option

ART 40A Individual Problems 3 units
27 lecture hous, in Watercol
Prerequisite: Satisfactory completion of: ART 8B Prerequisite: Satisfac
Transferable to CSU
Advanced work in principles and elements of watercoler painting in various techniques. Exploration and development of personal style. Grades are P/NP option.
ART 40B Individual Problems

27 lecture hours, 81 lab hours
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 40A
ransferable to CSU
Advanced work in principles and elements of watercolor personal style. Grhiques. Exploration and developmen
ART 41A
in Painting: Beginning
3 units
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 9A and ART 9B Transferable to CSU/UC
Advanced painting in which students approach individual painting problems in consultation with instructor. Grades are PAP option.
ART 41B Individual Problems in Painting
27 lecture hours, 81 lab hours
rerequisite: Satisfactory completion of: ART 41A and ART 9A and ART 9B
Transferable to CSUIUC
Advanced painting in which students work on self directed painting and the development of creative portfolios. Grades e P/NP option. (L)

ART 42A
\[
\begin{aligned}
& \text { Individual Problems } \\
& \text { in Ceramics: Beginning } \\
& 01
\end{aligned}
\]

3 units
27 lecture hours, 81 lab hours
rerequisite: Satisfactory completion of: ART 12A and ART 12B
ransferable to CSUIUC
dvanced techniques and processes for creative expression Ceramics. Grades are P/NP option.
ART 42B Individual Problems
in Ceramics: Advanced

Prerequisite: Satisfactory completion of: ART 42A
Transferable to CSUIUC
Advanced techniques and processes in which students work self directed projects for the development of creativ portfolios. Grades are P/NP option.

ART 43A Individual Problems in Printmakin
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 15B Transferable to CSU
ocused exploration of a single printmaking technique. Grades
.
ART 43B Individual Problems
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory cors
dvanced exploration of a single technique in printmaking
\[
81 \text { lab hours }
\]

Transferable to CSU Grades are P/NP option.

27 lecture hours, in Drawing
Prerequisite: Satisfactory complotion of: ART
Transferable to csuluc
Development of a personal drawing style at an advanced leve working in series with the goal of a coherent group of works.
ART 46A
ndividual Problems

27 lecture hours, in Sculp
Prerequisite: Satisfactory completion of ART 14A and ART 14 Transferable to CSU/UC
Advanced techniques and processes; creative and persona expression in three dimensional forms
ART 46B Individual Problems in Sculpture: Advanced
27 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: ART 14A and ART 14B Transferable to CSU/UC
Advanced techniques and processes; creative and person

\section*{ART DESIGN:}

Family of Classe
No more than four classes can be attempted within each family of classes
listed below. See page 50 for details.)
ART 2-Color Theory
ART 6A-Beor Theory
ART 6B-Intermediate Basic Design 3D

\section*{CERAMICS:}

\section*{Family of Classe}

No more than four classes can be attempted within each family of classes
(isted below. See page 50 for details.)
ART 11-Ceramics Laberatoy
ART 1L-Ceramics Laboratory
ART 12A-Beginning Ceramics
ART 12B-Intermediate Ceramics ART 42A-Individual Problems in Ceramics
ART 42B-Individual Problems in Ceramics•Advancer

COMMERCIAL ART:
Family of Classes
No more than four classes can be attempted within each family of clases ART 19A-Introduction to Com ART 19B-Commercial Art: Illustration

\section*{DRAWING:}

Family of Classes
No more than four classes can be attempted within each family of classes
listed below. See page 50 for details.)
isted below. See page 50 for details.)
ART 4A-Drawing and Compositio
ART 4A-Drawing and Composition
ART 4B-Drawing and Composition
ART 44-Individual Problems in Drawing

\section*{PAINTING}

\section*{Family of Classes}

No more than four classes can be attempted within each family of classes
RT 80 . See page 50 for details.
ART 8B-Watercololor Painting
ART 9A-Beginning Painting
ART 9B-Intermediate Painting
ART 11-Mural Painting
ART 40A-Individual Problems in Watercolor
RT 40B-Individual Problems in Watercolor: Advanced ART 41B-Individual Problems in Painting: Advanced

\section*{PHOTOGRAPHY}

Family of Classes
(ivo more than four classes can be attempted within each family of classes
dited below. See page 50 for details.)
RT 27-Materials and Processes
ART 38-Field Workshop-Black and White
ART 39-Field Workshop-Color/Digital
ART 31-Basic Photography
ART 32A-Intermediate Black and White Photography A
ART 32B-Intermediate Black and White Photography B
ART 36B-Intermediate Digital Photography
ART 36C-Advanced Digital Photography

\section*{PRINTMAKING:}

Family of Classes
No more than four classes can be attempted within each family of classes
RT 15A-Printmaking
ART 15B-Printmaking
blems in Printmaking ART 43B—Individual Problems in Printmaking: Advanced

\section*{SCULPTURE:}

Family of Classes
(No more than four classes can be atten
listed below. See page 50 for details.)
ART 14A-Sculpture
ART 14B-Intermediate Sculpture
ART 46B-Individual Problems in Sculpture: Advance

\section*{Asian American Studies}

Asian-Americ
and Cultures
54 lecture hours
Transferable to CSUIUC
Survey of Asian-American cultures, including religion to students with credit in HUMAN 31. (L)

\section*{Astronomy}

\section*{Athletics}

ATHL 1.55R Sports Conditioning
ars, 13.5 lab hours (. 5 unit) 9 lecture hours, 27 lab hours (1 unit) 13.5 lecture hours, 40.5 lab hours ( 1.5 units) Transferable to CSU/UC - UC Unit Limit Preparatory conditioning necessary for intercollegiate endurance, agility, and flexibility as well as mental training techniques. Other: Repeatable may be taken four times only. Grades are P/NP option.

\section*{ATHL 2.01R Baseball Skills
3.5 lecture hours, 40.5 lab hours}

Transferable to CSU/UC - UC Unit Limit echniques of baseball and conditioning used in intercollegiate competition. Other: Repeatable may be take NP option

ATHL 2.03R Basketball Skills - Men
3.5 lecture hours, 40.5 lab hours
ansferable to CSU/UC - UC Unit Limit
echniques of basketball and conditioning used in preparing for three times. Grades are P/NP option.
ATHL 2.04R
Basketball Skills - Women Basketball Skill
40.5 lab hours
transferable to CSUIUC - UC Unit Limit
Techniques of basketball and conditioning used in preparing for intercollegiate competition. Other: Repeatable may be take three times. Grades are P/NP option

ATHL 2.07R Football Skills
13.5 lecture hours, 40.5 lab hours
Transferable to CSU/UC - UC Unit Limit
Preparatory skills necessary for intercollegiate competition ncluding passing, kicking, blocking and conditioning Other Repeatable may be taken three times. Grades are P/NP option.
ATHL 2.08R Soccer Skills
1.5 units
lecture hours, 40.5 lab hours
Transferable to CSU/UC - UC Unit Limit
reparatory skills necessary for intercollegiate competition soccer. Development in offensive and defensive systems, cluding passing, kicking, blocking, and conditioning. Other ATHL 2.09R Softball Skills - Women
1.5 units
13.5 lecture hours, 40.5 lab hours
ransferable to CSU/UC - UC Unit Limit
echniques of softball and conditioning used in preparing for three times. Grades are P/NP option

ATHL 2.10R Soccer Skills - Women
13.5 lecture hours, 40.5 lab hours
Transferable to CSU
ransferable to CS
Development of various collegiate level soccer skills and
strategies for women. This course will include analysis scouting reports and film reviews; as well as the practic application of various physical training concepts. Othe

ATHL 2.11R Track and Field Skills (Men/Women)
13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC -
Fundamental techniques and conditioning necessary for participation in intercollegiate track and field competition for men and women. Other: Repeatable may be taken one time. Grades are P/NP option
ATHL 2.11R Track and Field Skills (Men/Women)
Effective Spring 2019 -
13.5 lecture hours, 40.5 lab hours

Transferabe Fundamental techniques Unit Limit
for participation in intercollegiate track and field competition for men and women. Other: Repeatabl may be tak four only Grades are P/NP option.

ATHL 2.12R Soccer Skills - Men
13.5 lecture hours, 40.5 lab hours

Transferable to CSU
Preparatory skills necessary for intercollegiate competition in men's soccer. Development in offensive and defensive Other: Repeatable may be taken three times. Grades are P/ NP option.
ATHL 2.13R Volleyball Skills A3.5 lecture hours, 40.5 lab hours
Advanced skills and techniques necessary for competitive volleyball play including conditioning, rules of play, an advanced offensive and defensive strategies. Othe
ATHL 11R Intercollegiate Basketball - \(\quad 1.5\) units 81 lab hours Men

Transferable to CSU/UC - UC Unit Limi
Preparation and competition for Intercollegiate Men's basketball. Collegiate techniques and strategies will b mplement
ATHL \(12 R\)
\[
\begin{aligned}
& \text { Intercolegieg } \\
& \text { Field - Men }
\end{aligned}
\]

162 lab hours
Transferable to CSUIUC - UC Unit Limi
Preparation and competition for Intercollegiate Men's Track implemented. Other: Repeatable may be taken three times.

ATHL 15R Intercollegiate Football
162 lab hours
Transferable
Transferable to CSU/UC - UC Unit Limit
Preparation for intercollegiate competition. Daily practice olleges. Practice includes instruction in offensive and defensive systems, instructions with various techniques ssociated with the positions played either in the offensive or efensive systems, and condition Other: Repeatable ma taken three times.

THL 16R
ransfraurs to csuUc - UC Unit Limit
ransferable to CSUIUC - UC Unit Limit
tiercoliegiate soccer competition including: shooting, heading eeping. Practice and competition required. Other: Repeatab may be taken three times.

ATHL 17R Intercollegiate Baseball
62 lab hours
Iransferable to CSU/UC - UC Unit Limit
Preparation for intercollegiate baseball competition. Collegiate aseball techniques and strategies performed. Practice and competition require
times. ATHL 31 R

Intercollegiate Volleyball- 3 units
162 lab hours
Women
Transferable to CSU/UC - UC Unit Limit
Preparation for intercollegiate volleyball competition. Collegiate level game strategies and techniques performed. Practice nd competition required. Other: Repeatable may be taken hree times.

ATHL 32R Intercollegiate Basketball- 1.5 units
81 lab hours

\section*{Women}

81 lab hours
U/UC - UC Unit Limit
Preparation for intercollegiate women's basketball. Collegiate Preparation for intercollegiate women's basketball. Collegiate
evel techniques and strategies for competition will be performed. Other: Repeatable may be taken three times.
ATHL 33R
Women
62 lab hours
Transferable to CSU/UC - UC Unit Limit
Intercollegiate softball competition, individual skills, position
play, team play, and game strategy. Practice and competition required. Other: Repeatable may be taken three times.

ATHL 35R Intercollegiate Cross 3 units
162 lab hours

\section*{Country}

Transferable to CSU/UC - UC Unit Limit Preparation for intercollegiate Cross Country competition. Collegiate level course strategies and tech quired. Other: Repeatable may be competition is r

ATHL 36R Intercoilegiate Track 3 units 162 lab hours and Field - Women

Transferable to CSUIUC - UC Unit Limit
Preparation and competition in Intercollegiate Track and Field for Women. Advanced collegiate techniques and skills will be performed in each event. Other: Repeatable may be taken three times.

\section*{ATHL 37R \\ Intercollegiate Soccer-}

162 lab hours
Women -
Transferable to CSU/UC - UC Unit Limi
\[
\begin{aligned}
& \text { Intercollegiate soccer competition including: shooting, head- } \\
& \text { ing, controlling, dribbling, passing, tackling, scoring, and goa }
\end{aligned}
\] ing, controlling, dribbling, passing, tackling, scoring, and goa keeping. Practice and com
may be taken three times.

\section*{Automotive Technology}

The Automotive Technology Program is designed to provide tudents with the qualifications needed to fill entry-leve The Certificate program also provides additional training for those already employed who desire to improve thei skills and abilities. These programs can be completed in ne or more semesters. The various Certificates of Training arallel the national voluntary mechanics testing program offered by A.S.E. (Automotive Service Excellence) and e designedo . Alt sis.e. lests.

\section*{AUTO BODY AND REPAIR \\ Associate in Science)}
suduents who complete this program stound be able to
In the Auto Boody industry.
2. Demonstrate personal and professional health and safety practices requirea
for the Auto Body industry.
working in the Auto Body industy 4. Demonstrate the abilit to work independently as well as interciependenty to

\section*{Required Courses}

AUTO 20 Automotive Technical Skills
UTO 36 Air Conditioning and Heating System
AUTO 41 Alignment and Suspensions
AUTO 70 Introduction to Autobody Technology
AUTO 76 I-Car Autobody - Non-structural 1 \&
UTO 77 I -Car Autobody - Refinishing \(1 \& 2\).
ELD 30 Gas Welding
dal unts earinired for degree majo Stuenis earning an AAAAS degree must complete a minimum of 18 units the heath requirement in addition to the perooran graduation requirement, and ald 60 dion to the program units isted here. Studenc see your counselor for additional ifformation.

\section*{MASTER MECHANIC}
(Associate in Science)
Students who complete this program should be able
1. Demonstrate appropriate mathematical concepts and methods to measula and Calculate for needed repair and diagnosis
2. Demonstrate how to identify mechanical or component damage that is
either direct (you can see itf orindiricct the d
format. The complaint, the couse the correctioge you cannot see) in a 3 C 3. Utilize the appropriate diagnostice eevuipereatio do
principles on various automobile systems.
4. Identify and implement safety procedures involved in the diagnosis, servic,
and repair of all manor rutomobbile and light truck systems.
5 Itilize the enppor
5. Utilize the appropriate diagnostic equipment, documentation, and troubleshoo
principips on various automoitive systems.
6. Complete 85 percent of the tasks established by NATEF for the Master
Automobile Service Technology Certification
Required Courses
AUTO 20 Automotive Technical Skills
AUTO 21 Introduction to Automobiles AUTO 22 Hydraulics (Fluid Power) AUTO 31 Automatic Transmissions Gas Diesel Vehicles........ AUTO 33 Fuel Systems...... AUTO 36 Air Conditioning and Heating Systems AUTO 40 Brake Systems AUTO 41 Alignment and Suspensions ectrical Systems AUTO 61 Engine Diagnosis/Rebuilding Total units required 62 -B OR 63 series Students earning an AAAS degree must complete a minimum of 18 units 42 the health requirement, in addition to to the program units listed here. Stude must complete a total of of 6 degree applicable units to eearn an AA or AS. Pleas see your counselor for additional information.

\section*{TUNE-UP AND DRIVEABILITY}

\section*{(Associate in Science)}

Students who complete this program should be able to:

\section*{1. Do colculate approp riate mathematical conco}
2. Demonstrate how to identity mechancical or component dame
either diricct (yyu can see it) or indiricct (the damage you cannot see) in a 3 C
format. The complaint, the cause, the correction.
3. Utilize the appropriate diagnosicic equipment, documentation, andtroublesho
pinncipestify and implement safiety proceculures involved in the diagnosis, service
and repair of all manor automobile and light truck systems. Required Courses
AUTO 20 Automotive Technical Skills AUTO 33 Fuel Systems..
ning and Heating Systems AUTO 55 Advanced Tune-U
AUTO 61D Engine Performance Experience AUTO 95 State Emission Control
Total units required for degree major
Total units required for degree major..........................................
Students earning an AAAA degree must complete a minimum of 18 units. Studenits earling an AAAAS degree must complete a minimum of 18 units of
General Elu caction requirements the multicultural graduation requirement, and
the heath requirement, in addition to the prooram units sisted here. Students the health reauirement, in addition to the program units listed here. Students
must complete atotal of 60 degree applicable units to earn an AA A AS. Please must complete a total of 60 degree applicable units to earm an \(A A\) or AS. Plea
see your counselor for additional information.

\section*{AUTO BODY REPAIR}
(Certificate of Achievement)
1. Demonstrate the job ready skills needed to obtain entry level employment
in the Auto Body industry.
2. Demonstrate personal and professional health practices required for the 2. Demonstrate pers
Auto body Industry.
rofessional work ethics and standards that ree expected whe
Required Courses
AUTO 20 Automotive Technical Skills Units

郎
AUTO 41 Alignment and Suspensions.
UUTO 70 Introduction to Autobody Technolog
AUTO 76 I-Car Autobody - Non-structural 1 \&
AUTO 77 I -Car Autobo
AUTO 271 Unibody Technology
*AUTO 278 I-Car Autobody Shop Experience
otal units required

\section*{AUTOMOTIVE DRIVE TRAINS}

Certificate of Achievement)

> Students who complete this proaram should be able to

\section*{1. Demonstrate the job}

2 Demonstrate persi
Auto body Industry. \(\qquad\)
working in the Auto oody industry.
Required Courses
Units
20 Automotive Technical Skills
UUTO 22 Hydraulics (Fluid Power).
AUTO 30 Manual Drive Trains-Gas and Dies...................... UTO 31 Automatic Transmissions Gas and Venicles .... 3

AUTO 62B Manual Drivetrain and Axles
1 additional unit of AUTO classes
lis
Total units required.

\section*{MASTER MECHANIC}

Certificate of Achievement)
Students who complete this program should be able to
1. Demonstrate appropriate mathematical concepts and methods to measure
and calculate for needed repair and diagnosis.
2. Demonstrate how to identify mechanical or component damage that
either dinet
either direct (you can see it) or indiriect the damage you cannot see) in a 3 C format. The complaint, he eause, ,he correction
3. Utirize the approoriate diagnostic equipment, doo 3. Utilize the appropriaie cilignosicicequif
principles on various automobile systems
4. Identify and implement safety proceedures involved in the diagnosis, servic

Required Courses
AUTO 20 Automotive Technical Skills
AUTO 21 Introduction to Automobil
AUTO 30 Manual Drive Trains-Gas and Diesel............................... AUTO 31 Automatic Transmissions Gas and Diesel Vehicles. 4 AUTO 33 Fuel Systems.
AUTO 36 Air Conditioning and Heating Systems
AUTO 40 Brake Systems
Suspensions AUTO 44 Electrical Systems AUTO 45 Engine Diagnosis/Rebuilding
AUTO \(61 A-B ~ O R ~ 62 A-B ~ O R ~\) AUTO 61A-B OR 62A

TUNE-UP AND DRIVEABILITY
(Certificate of Achievement)
Students who complete this riogram should be able to
1. Demonstrate appropriate mathematical concepts and methods to measure
and calculuate for needded repair and diagnosis.
2.Demonstrate how to odentity mechanical or component damage that is eith
direct you can see it or indiriect the damage you cannot see) in a 3 's' fodirect You can see itf or indirect the damage
mat. The complaint, the cause, the correction.
3. Utilize the appropriate diagnostic equipment dor principles on varius automobile syctemm
4. Identify and implement safety procecuures involved in the diagnosis, senice

AUTO 20 Automotive Technical Skills
AUTO 33 Fuel Systems
AUTO 36 Air Conditioning and Heating Systems AUTO 44 Electrical Systems AUTO 61D Engine Performance Experience AUTO 95 State Emission Control License. Total units required.

AUTO 20 Automotive Technical Skills 3 units 36 lecture hours, 54 lab hous
Transferable to CSU
Includes bas technical skills used by all automotive service and repair technicians, including tool selection, use and
maintenance, practical measuring skills and useful bolt, nut and thread repair techniques. Also includes electrical circuit Aving techniques. Grades are P/ NP option.

AUTO 21 Introduction to Automobiles
36 lecture hours, 54
36 lecture hours, 54 lab hours

Transferable to CSU
SU

A comprehensive study of the automobile, including analysis, major design theories, systems function, systems service, minor repair procedures, major repair complexities, urrent laws and regulations, political action, and persona conomics/decision making. Grades are P/NP option.

AUTO 22
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Hydraulics (Fluid Power)

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3 units
Transferable to CSU
The course covers the application of hydraulics (fluid power) and agriculture. It is recommended that a student has an understanding of pre-algebra before enrolling in this course. Grades are P/NP option.

AUTO 33
36 lecture hours, Fuel Systems
108 lab hours
Transferable to CSU
n in-depth study of ystems. A strong emphasis is placed on electronic fuel dditional and computerized fuel management systems. Additional study in 5 -gas analyzers and combustion theory is Grades are P/NP option

AUTO 41 Alignment and Suspension 4 units 54 lecture hours, 54 lab hours
Transferable to CSU
Basic operating principles of automotive suspension and teering systems with an emphasis on 4 -wheel alignment and balancing, operating replacement of all suspension and steering components, rebuilding of steering gears and pumps, nd front and rear whee alignment Grades are P/NP option

AUTO 44 Electrical Systems
6 units
Transferable to CSU
A comprehensive study of current automotive electrica ystems with a strong emphasis on diagnosis, service and mport computer management systems. Involves usage of manuals, meters, scanners, and state-of-the-art tes quipment. Recommend enrollment in AUTO 33. Grade are P/NP option

AUTO 45 Engine Diagnosis and
36 lecture hours, 108 lab hours
Transferable to CSU
ncludes engine theory of operation, pre-tear down diagnosis, disassembly techniques, engine cleaning methods, measurement tools, component identification, lubrication
systems, and assembly break-in procedures. Alternative fuels d hybrid engine drive train will also be presented Grade are P/NP option.

AUTO 46
Engine Machining and
3 units
36 lecture hours, 54 lab hours
Transferable to CSU
Transferable to CS
Appled principles of engine machining and reconditioning echniques with a strong emphasis on high performance
production machining. Intended for students who desire further study and skills working with automotive machining and assembly methods. Grades are P/NP option

\section*{AUTO 50B \\ Advanced Engine}

27 lecture hours, 27 lab hours
Advanced study with current automotive/diesel diagnostic tools and methods used to troubleshoot and repair complex proble related in fuel, electrical, and emissions control. Activities include diagnostic skills in driveability, onboard diagnostics I II, including scan tools, meter usage, lab scopes, computerize
analyzers and dynamometer five-gas emission diagnostic equipment and other related equipment as it pertains to gas or diesel electronic engine management systems. Bureau of Automotive Repair \(\mathrm{L}-1\) certification is offered upon successfu completion of final test. Grades are P/NP option.

\section*{AUTO 52.30 \\ Manual Drive Trains/G}

3 units
36 lecture hours, 54 lab hours
This course will cover basic operating principles of manual drive trains which consist of clutches, standard transmissio transaxles, drive shafts, drive axle assemblies, and transfer cases. Emphasis on related gear, bearing, and lubricatio theory; normal maintenance service, and adjustment opera tions; problem diagnosis; and over had procedures for gasoliz

\section*{AUTO 52.36}

Air Conditioning and
3 units
36 lecture hours, 54 lab hours
This course covers basic operating principles of automotive air conditioning, heating, and ventilating systems. Includes air conditioner and heater operation, engine cooling system, sys em operation with normal service and adjustment procedure problem diagnosis, reparr procedures, and an introduction aged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.
AUTO 52.40 \(\qquad\) \begin{tabular}{l} 
Brake \\
\hline
\end{tabular}
54 lecture hours This course covers basic operating principles of automotive braking systems incluaing brake theory, hydraulic operation hydraulic control valves, power brake units, electron standards and practices for the inspection, diagnosis, servic and repair of automotive and light truck braking systems wil also be covered. Students are strongly encouraged to hav college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP option.

AUTO 53.31 Automatic Transmission Gas/ 4 units 54 lecture hours, 54 lab hours
This course covers basic operating principles of automatic ransmissions and transaxles. Topics include planetary gea sets, hydraulic operation, electronic controls, and torque merations; prmal maintenance, service and adjustmen perations; problem diagnosis procedures; and overhau are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/N option.
AUTO 55
36 lecture hours, 162 lab hours
rerequisite: Satisfactory completion of: AUTO 33 and AUTO 4
dvanced automotive tune-up emphasizing problems ertaining to fuel ignition, emission, computers, wiring systems, and mechanical engine diagnostics. Latest diagnostic, tune-u, Guipment, and services

\section*{UTO 61A Engine Repair Experience \\ 1 unit}
completion of: AUTO 45 Porcurrent enrollment.
Individualized activities intended to meet the specific needs of advanced students through specialized training in automotive ngine repair. Activities include in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical exper Grades are P/NP option.

\section*{AUTO 61B Engine Machining/ 1 unit \\ 1 unit}

4 lab hours
Perequisite: Satisfactory completion of: AUTO 46 o concurrent enrollment.
dividualized activities intended to meet the specific needs of advanced students through specialized training in automotive gene machining and reconditioning. Activities include initended primarily for students with prior practical experience automotive engine machining and reconditioning. Grades are P/NP option.
AUTO 61C Electrical Systems Experience 1 unit 4 lab hours Satisfactory completion of: AUTO 44 or oncurrent enrollment.
ndividualized activities intended to meet the specific needs of dvanced students through specialized training in automotive normally covered in the basic course. Intended primarily fo tudents with prior practical experience in automotive electrica ystems. Grades are P/NP option.

AUTO 61 D
54 lab hours 54 lab hours
ngine Performance Experience 1 un Prerequisite: Satisf
concurrent enrollment

\section*{concurrent enrollment}
advanced students thro intended to meet the specific needs of uel, emissions and hrough specialized training in automotive depth operations nelectrical systems. Activities include inIntended primarily for students with prior in the basicic course. in automotive engine performance. Grades are P/NP option.

\section*{AUTO 62A Auto Transmiss}

1 unit
54 lab hours
Transaxle Exp
Corequisite: Con
of: AUTO 53.31 he specific needs individualized activities intended to mee training in automatic transmissions and trans-axles Activitie nclude in-depth operations not normally covered in the basic course. Intended primarily for students with prior practical experience in automotive automatic transmission and trans reading, basic mathematics, and computer literacy skill. Grades are P/NP option.
AUTO 62B Manual Drivetrain and
1 uni
54 lab hours
Axles Exp

\section*{of: AUTO 52.30}

This course includes individualized activities intended to meet the specific needs of advanced students through specialize training in automotive manual drive-trains and axles. Activities course. Intended primarily for students with prior practica experience in automotive manual drive-trains and axles ,

\section*{AUTO 62C}

Suspension and Steering
1 unit
Experience
Corequisite: Concurrent enrollment or satisfactory completion of: AUTO 41
Other: It is also recommended that students have alread needs of advanced students through specialized training in Alignment and Suspension.
This course includes individualized activities intended to meet the specific needs of advanced students through specialized training in automotive suspension and steering. Activitie course Intended primarily for students with prior practical experience in automotive suspension and steering. (L,M,C)

\section*{AUTO 62D Brakes Experience
54 lab hours}

4 lab hours
Corequisite: C
of: AUTO 40
of: AUTO 40
ther.: It is also recommended that students have already號 needs of advance
Brake Systems.
This course includes individualized activities intended to meet the specific needs of advanced students through
specialized training in automotive brakes. Activities include in-depth operations not normally covered in the basic course Intended primarily for students with prior practical experience automotive brakes. (L,M.C)

\section*{AUTO 62E \\ Experienc}

54 lab hours
Corequisite: Concurrent enolmotion AUTO 52.36
This course includes individualized activities intended to meet
the specific needs of advanced students through specialized training in automotive heating and air conditioning. Activities nclude in-depth operations not normally covered in the basic course. This course is intended to meet the specific needs of advanced students through specialized training in Air
onditioning and Heating Systems. Grades are P/NP option (L,M,C)
AUTO 63 Basic Auto
utobody Restoration 3 units 6 lecture hours, 54 lab hours
ther: Students must provide own repair and refinish materials. tudents working on their own vehicles are required to supply the materials needed
This course is designed for the student who wants to learn th his course is designed for the student who wants to learn the
basic techniques needed to restore a student-provided classic car or contemporary vehicle. Topics covered in this course will include equipment and tool safety, the different types of automotive paint and materials available, how to determine if sequence, paintless dent repair tools, and what is the best welding equipment and technique to use in the repair, decoding in number information, engine and transmission identification tudents are strongly encouraged to have college-level reading, basic mathematics,
Grades are P/NP option. (L)

\section*{AUTO 70}

54 lecture hours, 54 lab hoogy
Introduces the student to the fundamentals of Autobody oollision repair. Topics include hazardous material regulations cluding handling, storage, and disposal of hazard wastes,
 ehicles, vehicle design and collision energy managybid ool identification usage, and maintenance. Grades are \(P\) NP option.

AUTO 72 Collision Repair and Refinishing 15 units 180 lec This course is designed to develop entry level job skills in the use of trade equipment and hands-on activities are used to perform practical repair operations. Students who complete the course will be eligible to take I-CAR Non-Structural and
Refinish tests to earn ProLevel 1 points. Grades are P/N option.
AUTO 75 I-Car Structural Steel I-Car Structu
54 lab hours
This coure wil covers the principal and theor of a collision repair including component alignment, component replacement, structural panel repair or replacement and chassis/frame alignment. Sectioning and full-pane replacement techniques and procedures are covered. Practical Body Technology program at Yuba College (YC) may be eligible to apply for Inter-Conference on Automotive Repair (I-CAR) points. This YC/I-CAR alliance course also prepares students for Automotive Service Excellence (ASE) testing (NATEF) training standards. Grades are P/NP option. (L)
AUTO 76 ICar Autohody -Car Autobody - 1 and

4 units 54 lecture hours, 54 lab hours
This course provides the technical information and hands on experience needed to perform cosmetic straightenin of steel and aluminum panels. Topics include: removal and of bumper facias; removal and replacement of headlight and tail lamp assemblies; removal, replacement and adjustme of movable glass; introduction to steel GMA-MIG welding and squeeze-type resistance spot welding; and achesively bond

\section*{AUTO 76}

I-Car Autobody
2 lecture hours, 54 n-Struc
- Effective Spring 2019

This course provides the technical information and hands on experience needed to perform cosmetic straightening of
steel, aluminum and plastic repair. Topics include: remova and replacement of bolted on panels; removal replacemen and repair of bumper facias; removal and replacement of headilight and tail lamp assemblies; removal, replacement an
adjustment of movable glass. Introduction to steel GMAW-MIG welding, aluminum GTAW-TIG welding, STRSW- squeeze type resistance spot welding, MIG Brazing, nitrogen plastic welding, plasma arc curing and adhesively bonded pane will be covered. Grades are P/NP option. (L)
\(\begin{array}{ll}\text { AUTO } 77 & \begin{array}{l}\text { I-Car Autobody - } \\ \text { Refinishing } 1 \text { and } 2\end{array}\end{array}\)
54 lecture hours, 54 lab hours
This course includes the principles and theories of pain adjustments, color mismatch problems, finish inspection, removal of finish defects, refinish equipment, surface prep, nd masking. Other topics include paint application techniques, and emerging paint technologies, color identification, and hterpreting vehicle color codes. This course also addresse compliance with OSHA, and EPA rules. Students enrolled may be eligible to apply for Inter-Industry Conference on liance course also prepares student for ASE testing Grades are P/NP option. (L)

\section*{AUTO 77 I-Car Autobody - \\ Refinishing}

Effective Spring 2019
This course includes the principles of paint finish application, inting/blending, color adjustments, color mismatch problems, nish inspection, removal of finish defects, interior and exterio detailing, refinish equipment, surface prep, and masking
Other topics include paint application techniques, corrosion protection, new paint technologies, color identification, and vehicle color codes. This course will also provide the information needed to start a home based detailing business. The course also addresses compliance with OSHA and EPA ndustry Conference on Automotive Collision repair (I-CAR) oints. This YCCD/I-CAR alliance course also prepare student for ASE testing. Grades are P/NP option. (L)

AUTO 81 Hybrid/Alternative Fuels 2 units 27 lecture hours, 27 lab hours
dvanced study of hybrid and alternative fuel vehicles to equip and fild technicians with tis inforition and skills necessary to service and repair current automotive ybrid vehicles to manufacturer's safety procedures. Students etrongly encouraged to have coliege-level reading, basic option. (C,L)

UUTO 95

\section*{State Emission Contro}

17 lecture hours. 30 lab hours
Prerequiste: Satisfactory completion of: AUTO 55 Emphasis on preparing individuals who desire to be qualified order to pass the State Emission Control License. Intended for \(A-6 \& A-8\) certified automotive technicians and majors. rades are P/NP.

\section*{Biology}

The Associate of Science Degree in Biology is designed pre-professional studies in medical, dental and pharmacy programs. The Biology program at Yuba College offers a range of courses that fulfill general education and transfer requirements and prepares students for further study Biology leading to \(B A, B S\), MA, MS andor Ph.D. degrees

\section*{BiOLOGY}
(Associate in Science)
Students who o omplete this rrogram mshould be able to:
1. Demonstrate an undedstanding of the e unddamentap priniples of Biology as in
relates to theird degree path. These fundamental principles include: : cell theorn relates to their degrree path. These fundamental prinipiples include:: cell theo
gene theory and homeostasis. Varied courses can assess these principles any level of fiological hierarchy from molecular structure through organisma structure to complete ecosystems.
2. Demonstrate an duderstanding itpics revolvingaround the interactionst
 including the folw and use of energy wirthin their envirionment. Students shoul
show knowledge of largers cele biolocicit to icsid dynamics, and compeefition within ecosystems.
3.Apply the scientificic mettod to orriginal or pre-designed biological expe ments. Students should be able to co create or aressess a hypothesis, condunct ments. stucents should be aboe to create or assess a hyporthesis, conduct while relating each step of the scientific method.
4. Show proficiency using hiologici (abortor
4. Show proficiency using biological laboratory techniques practiced within a given coursecurriculumm. Studentis should show \(k\) nowledgei in appliedtechniques
such as, but not limited to, microscopy, dissection sterie such ass, but not imited to, microscoppy, dissection, sterile techiniuue, sample
identifaction and hhemical assays. Sutuents wil use varied instrumentation to

\section*{Required Courses}

Units
BIOL 1 Principles of Biology
BIOL 3 General Botany.
CHEM 1A General Chemistry
CHEM 1B General Chemistry
PHYS 2A General Physics
PHYS 3A General Physics
PHYS 3B General Physic
OR
OHYS
PHYS 4A Mechanics ...

AND one of the following depending on where the student will
transfer:
MATH 1A First Year Calculus
MATH 1 A First Year Calculus ........................................ 5
MATH 9 Calculus for Business, Social and Life Science.... 4 STAT 1 Introduction to Statistical Methods
Total units required for degree major.......................................... \({ }^{35-36}\) Students earning an AAAAS degree must completete a minimum of 18 units of
General Education requirements, the multicultural 1 raduation requirement and General Education requirements, the multiculturala rraduation requirement, and
the health requirement, in addition to the program units isted here. Students
must complete a total of 60 derree applicable units to earn an A must complequite atotall ff f 60 adegegree applicable units to earm an AA or AS. Please see your counselor for additional informatio

Also recommended, but not require CHEM 18B Organic Chemistry

The Associate of Science Degree in Biology for Transfer is designed to prepare students for an automatic transfer to California State University institutions with Biol-
ogy degrees. The Biology program at Yuba College offers gy degrees. The Biology program at Yuba College offers equirements and prepares students for further study in iology leading to \(B A, B S, M A, M S\) and/or Ph.D. degrees.(Associate in Science for Transfer)
(Associate in Science for Transfer)
Students who completet this program should be able to: 1. Analyze datalififorn
2. Understand the purpose of scientific inquiry and the implications and applica3. Using the Scientific Method, students will be able to correctly interpreet experimental datita and e efectivively communicate the findings and implications
of that data in writing. Required \(C\)
IOL 1 Principles of Biology and
BIOL 2 General Zoology an
BIOL 3 General Botany
HEM 1A General Chemistry I
CHEM 1B General Chemistry II......
MATH 1A Single Variable Calculus 1-Early
Transcendentals ...............
PHYS 3A General Physics Lab and
PHYS 2B General Physics and
OR
PHYS 4A Mechanics and PHYS 4B Electromagnetism
otal units required for degree majo
Students earning an AA-T/AS-T degree mu...................................... 35 coursework eligible for transfer to the CSU ind cluding the CSU CSU GE-B or 6 IGETC a minimum transferable cumulative GPA of 2.0

\section*{BIOL 1 \\ Principles of Biology \\ ecture hours, 108 lab hours}
xam or MATH 52 or MATH 52B and CHEM 1 A
Other: Background in high school biology is recommended. C-ID BIOL 190
An introduction to biology for majors that emphasizes the molecular, cellular, and environmental processes that are common to most organisms. Topics include an introduction o biomolecules, cell structure, cell reproduction, enzymes, ermentation, respiration, photosynthesis, molecular genetics heredity, and evolution. (L,C)

BIOL2 General Zoology
Prereq
MATH
exam.

\section*{Transferable to CSU}

C-ID BIOL 150
Applies the concepts introduced in Biology 1 to the study of animals and evolution. Course includes a survey of anima phyla and non-phomosyos include: patterns of diversity
taxa. Specific animal topics ind and classification, morphology and physiology, life cycle and development, the significance of sexual reproduction and animal behavior. Evolution topics include speciation, phylogeny, macro- and microevolution, adaptation
environmental and social challenges, and natural selection Other topics include genetic drift, gene flow, mutation nonrandom mating, and basic population genetics. Designe for biology majors and related fields, but open to all qualifie students. Grades are P/NP option. (L)
BIOL 3 General Botany
36 lecture hours, 108 lab hours
Prerequisite: Satisfactory completion of: BIOL 1 and MATH Transferable to CSU/
C-ID BIOL 155
Applies the concepts introduced in Biology 1 to the study of plants and general ecology. Topics include morphology physiology, systematics, and evolutionary trends amon cyanobacteria, algae, fungi, and plants. Population,
community, and ecosystems dynamics of higher plants will b emphasized. Designed primarily for biology majors and related fields but open to all qualified students. (L)

\section*{BIOL 4}

4 Human Anatomy
36 lecture hours, 108 lab hours Prerequisite: Satisfactory
Transferable to CSUIUC
C-ID BIOL 110
An introduction to the gross, microscopic and organizational structure of the human body. Includes an emphasis upon
the interrelationship between structure and function of cells, tissues, organs, and systems. The course is primarily intended for nursing, allied health, kinesiology, and other health relate majors. (L,C)

BIOL 5
36 lectur
Human Phys
108 lab hours
36 lecture hours, 108 lab hours
Prerequisite: Satisfactory completion of: BIOL 1 or BIOL 15 Transferable to CSU/UC
C-ID BIOL 120
An introduction to the physiological principles, function, integration and homeostasis of the human body at the cellula
tissue, organ, organ system and organismic levels. Include physiological topics within the integumentary, skeletal muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, uring L,M,C)

4 units
108 lab hours
rerequisite: Satisfactory completion of: BIOL 1 or BIOL 15 ransferable to CSU/UC munology, agrite forms; their relationship to disease he development of t che, and industry. Laboratory emphasizes dentification of both harmless and pathocenic species, an

BIOL 10
General Biology
54 lecture hours
unit
Transferable to CSU/UC - UC Unit Limit
he science of life for non-science majors. Provides an lassification and unifying characteristics. Introduces basic biological processes such as homeostasis, photosynthesis, cellular respiration, DNA function, cellular reproduction, evolution, and ecosystem interactions with an emphasis on the living organisms. Lecture only Not open for credit to student with credit in BIOL 10L. Grades are P/NP option. (L)
IOL 10 L General Biology

4 units 54 lecture hours, 54 lab hours UC Unit Limit
the science of life for non-science majors. Provides an overview of the world of living organisms including thei classification and unifying characteristics. Introduces basic
biological processes such as homeostasis, photosynthesis, cellular respiration, DNA function, cellular reproduction, evolution, and ecosystem interactions with an emphasis on the elationship of structure to function and the interrelationships living organisms. Labs and lectures. Not open for credit to tudent with credit in BIOL 10. (L)
BIOL 11
General Biology Laboratory
1 unit
Cequisite Concurrent enrollment or satisfactory completion with a C or better in: BIOL 10
Transferable to CSU
Hands-on laboratory study of biology for non-science majors. Exploration of origin, characteristics, regulation, nergy utilization, respiration, and interrelationships of living rganisms. Not open for credit to students with credit in BIO BIOL 15

Bioscience
4 units
Transferable to CSU/UC UC Unit Limit
Introduction to the unifying principles of biology including the chemistry of life, cell structure and function, energy, genetics, evolution, and organismal structure. Grades are P/NP option, ,C)
\({ }_{54}\) BIOL 24
54 lecture hours
rransferable to CSU/UC - UC Unit Limit
An introduction to general biology of human beings. Emphasis
is placed on the concepts, mechanisms and terminolog used in anatomy, physiology and ecology. Topics include cell structure and function, human evolution, anatomy and physiology of the organ systems, genetics, and the huma

BIOL 24L Human Biology with 4 units 54 lecture hours, 54 lab hators
Transferable to CSU/UC
An introduction to the general biology of human beings. Emphasis is placed on the concepts, mechanism and erminology used in anatomy, physiology and ecology. Topic include cell structure and function, human evolution, anatom and physiology of the organ systems, geneirs, and he ure will
impact on the environment. The lab portion of the course will provide an introduction to general biology laboratory with an emphasis on humans. Topics include microscopy, cell structure and function Grades are P/NP option
BIOL 25 Human Genetics
54 lecture hour Su/uc
Transferable to CSUIUC
Designed for non-science majors to provide an understanding genetics, and the influence of genes and the elvivironment determining human characteristics. Grades are P/NP option. (L)

BIOL 34 Active Anatomy
Active Anatomy
18 lecture hours
Active Anatomy is designed to engage students in the process of learning human anatomy. Students will work corroboratively
to learn, review and discover the anatomy of the human body. Students will participate in activities and games to build anatomy knowledge and understanding. (L)
BIOL 35
roblem Solving in
18 lecture hours
Physiology
Transferable to CSU
A companion course to BIOL 5, Human Physiology; appropriate for those wishing additional review in Physiology. Lectures
discussions, and case histories used to explore difficult concepts such as osmolality, nervous system function, acid base balance, hormonal control, immunity. Time will be allowed for consideration of topics chosen by students. (L)

\section*{Business}

\section*{Accounting}

\section*{ACCOUNTING}
(Associate in Science)
Students who complete this program should be able to
Create accurate, professional, and appropriate accounting documents an
2. Compute financial data usingaccounting concepts andm
analyze, and communicate issues in uantitative terms.
analyze, and communicate issues in quantititive terms.
3. Analyze accounting datalinformation in addressing a
3. Andalyze accounting data(information in addressing and evaluating problems and issues in making informed business decisions.
4. Demonstrate effective use of technology applicable to the accounting field Required Courses Units
ACCT 11 Principles of Accounting - Financial. \(\ldots . . . . . .4 .5\)
ACCT 2L Principles of Accounting - Manageria CCT 3 Computerized Accounting.

CA 17 Business Computer Applications - Advanced.
BCA 34 Advanced Exc
GNBUS 10 Introduction to Global Business
GNBUS 18A Business Law.
OA 22 Machine Calculation.
Total units required for degree major

General Education requirements, the multiculturule graduation requirement, and the heath requirement, in addition to the program units isted \(h\) here. Students see your counselor for additional information.
Adational Recommended Courses:
ICCT 6 Individual Income Taxes-Federal/Stat
ACCT 9 Business Payroll Procedures
ACCT 10A General Accounting
INTRN 46 Internship.
ECON 1A Elementary Economics - Macro OA 15A Elementary Typewriting.

BUSINESS ADMINISTRATION (Associate in Science for Transfer) Students who complete this program should be able to.
1. Demonstrate skills to produce business communications and documents.,
2. Solve complex business situations through the application of business, 2. Solve complex business situations
mathematical, and technoloigcal skill.
mathematical, and tecchnoloigcal skill.
3.hnalyze both intermaland extermaldatainiformation inaddressin
 4. Formulatic solutions to tousininess problems us using current and emerging com-
puter apolications, Required Courses Unit

ACCT 1
and
and
ACCT 1
ACCT 1A Principles of Accounting - Financial Lab.............. 4 ACCT 2L Principles of Accounting - Managerial. GNBUS 18A Business Law. ECON 1 A Elementary Economics - Macro List A Courses. Choose \(3-4\) units ( 3 unit STAT 1 Introduction to Statistical Methods..i. List B Courses. Choose two ( 6 units): BCA 15 Business Computer Applications - Be GNBUS 10 introduction to Global Busines Total units required for degree major
 coursework ligible for transerer to the CSU including the CSU GE-B or IGETC
(CSU version). al courses in the maio with "CCo or beter grades. (CSU version), all courses in the major with "C" or better grades, and achie a minimum transferable cumulative GPA of 2.0

\section*{BUSINESS ADMINISTRATION}

Associate in Science)
1. Demonsstrate skills so p producuce business com munications and documents. 2. Solve complex business situations through the application of business,
mathematical and technololical skil. 3.Analyzeboth inintemalandoldextermaldatal problems and issues in making informed business decisions
4. Formulate solutions to businiess probblems using currisent and d merging com-

\section*{Required Courses}

ACCT 1
72 lecture hours

\section*{2 lecture hour} Pinciples
inancial

Prerequisite. Satisfactory completion of: ACCT 10A or BCA 15 examination.
Corequisite: Concurrent enrollment or satisfactory completion of: ACCT 1 A and BCA 15 or BCA 33A
Transferable to ESUCT -UC Unit Lim
This is the tudy of 18 ACT
examining why it is important and how it is used by system, creditors, and others to make decisions. The course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting principles, the financial statent and statement analysis. Includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, interna controls, and ethics. (L,M,C)
ACCT 1A Principles of Accounting- . 5 unit Financial Lab
Corequisite:
 of. ACCT 1
Transferable to CSUIUC - UC Unit Limit
C-ID ACCT 110 (ACCT \(1 \&\) ACCT 1A)
Laboratory to accompany Principles of Accounting
Financial (ACCT 1). Students use the computer as a Financial (ACCT 1). Students use the computer as a too in solving accounting problems. Includes spreadsheets and
computerized accounting system. Each student is required to have some type of storage device to save their files on. Grade are P/NP option. (L,M)
ACCT 2 L
Principles of Accounting
5 units 72 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: BCA 15 and ACCT and ACCT 1A or ACCT 1 L
Transferable to CS
C-ID ACCT 120
Emphasizes accounting principles and tools used by management in decision-making, planning, ile toncents, cost behavior, cost structure and cost-volume-profit analysis Includes budgetary techniques, issues relating to cost systems, for manufacturing and service environments; and utilizing computer applications as a tool in preparing and analyzing managerial related accounting reports. (L,M,C)
ACCT 3
3 Computerized Accounting 3 units
Prerequisite: Satisfab hours Perequisite: Satisfactory
1 or ACCT 1L or ACCT 2 L
Transferable to CSU
Computerized accounting using QuickBooks Pro. Basic hrough intermediate features for small and medium size and vendors, inventory, reports and graphs. Application of all aspects of accounting cycle.

ACCT 6 Individual Income taxes-
4 units
72 lecture hours
Federal and State
ther: ACCT 10A and/or prior tax experience recommended Transferable to CSU
usiness and professipeparation, forms and computations ndividual Income Taxes TEC approved course which fulfills thate (ACCT 6) is ducation" requirement for tax preparers. Alisting of additition ducation" requirement for tax preparers. Alisting of addition requirements to register as a tax preparer may be obtained by
contacting CTEC at P.O. Box 2890 , Sacramento, CA 95812 2890 , toll-free by phone at (877) \(850-2832\), or on the Interne at www.ctec.org (L,M)
ACCT \(9 \quad \begin{aligned} & \text { Business Payro } \\ & \text { Procedures }\end{aligned}\)
3 units
\begin{tabular}{l} 
Procedures \\
\hline
\end{tabular}
Transferable to CSU
Introduction to payroll terminology, procedures, calculations, cord-keeping, timelines, percentages, limitations, and laws hat relate to maintaining payroll for business firms in California omputerized payroll procedures will also be presented. Prior

ACCT 10A General Accounting
4 units
72 lecture hours
Introductory accounting course covering accounting principles Introductory accounting course covering accounting principles of financial reports. Use of proper procedures in the General Journal and Special Journals, General Ledger and Subsidiary Ledgers. Include

ACCT 10A General Accounting
4 units
- Effective Spring 2019 -

72 lecture hours
Transferable to CSU
Introductory accounting course covering accounting principles and practices, the complete accounting cycle, and creatio Journal, Special Journals, General Ledger and Subsidiary edgers. Includes payroll processes, and proper financia reporting. (L,M)

Business Computer Applications

\section*{BUSINESS COMPUTER APPLICATIONS} (Associate in Science)
Students who complete this program should be able to.
1. Demonstrate skills to produce business communications and documents. 2. .athe compitiex and business situation

\section*{3.Analyze both intermaland extermaldatalinformation inaddressin
problems and issues in making informed business decisions \\ problems and issues in making iffirmed d business decicions.
4. Formulate solutions to busininss problems using}
4. Formulate solutions to business problems using current and emerg puter applications, records management, and standard business procedures

\section*{Required Courses}

\section*{Units}

ACCT 3 Computerize \(A\)
ACCT 3 Computerized Accounting ACCT 10A General Accounting BCA 15 Business Computer Applications - Beginning.... BCA 17 Business Computer Applications - Advanced BCA 37A Introduction to Acces BCA \(37 B\) Advanced Acces
BCA 41B Windows XP..
GNBUS 56 Business Mathematics Total units required for degree majo
 Generial
the health reauirement, in addition to the provilam raduation requirement, and the heath requirement, in addition to the program units listed here. Studenis
must complete a total of 60 degree applicable units to earn an AA orAS. Ple must complete a totar of 60 degree appicicabie
see your counselor for additional information
Additional Recommended Courses:
BCA 42 I Internet Literacy and Safety.......
GNBUS 10 Introduction to Global Busines
OA 15C Advanced Keyboarding
OA 17A Word Processing I.
OA 21 Business Communications.
OA 52/GNBUS 52 Business Englis

BUSINESS COMPUTER APPLICATIONS (Certificate of Achievement)

\section*{Students who complete this program should be able to. \\ 2. Solve complexils tup proaice business communications and documents. mathematicall, and buschnespoligcal sitationsill. \\ problems and issues in makeking informataed businiosss decisions. \\ 4. Formulate solutions to busininess probblems using current and \\ Required Courses \\ Units \\ ACCT 3 Computerized Accounting \\ Acer Applications - Begin................... 3 . \\ CA 34 Advanced Microsoft Word. \\ BCA 34 Advanced Excel.. \\ CA 37A Introduction to Access \\ BCA 37B Advanced Acces \\ OA 22 Machine Calculation \\ Plus 13 units from the following: \\ ACCT 10A General Accounting \\ BCA 26 Microsoff PowerPoint. \\ GNBUS 10 Introduction to Global Business \\ GNBUS 56 Business Mathematics... \\ total units required.}

\section*{BUSINESS COMPUTER APPLICATIONS}

\section*{Certificate of Training)}

\section*{students who complete this program should be able to:}
. Demonstrate skills to produce business communications and documents. mathematical, and technololigcal skill.
3.Analyze both intermalandextermald datalifformation inaddress
problems and issues in making informed business decisos
problems and issues in making informed business decisions.
4. Formulate Solutions to business probblems using current and emerging com.

Required Courses
R 15 Business Computer Applications - Beginning......... 3 BCA 22B Advanced Microsoft Word.
BCA 23 Microsoft Outlook
BCA 34 Advanced Excel......
BCA 37B Advanced Access.
BCA 41B Windows XP.
BCA 42A Internet Literacy and Safe.........
COUNS 52 Pre-Employment Skills Training
Plus at least 3 units from the following:
ACCT 1LPrinciples of Accounting
ACCT 2L Principles of Accounting - Mancial.
ACCT 3 Computerized Accounting
ACCT 10A General Accounting
CA 25 Desktop Publishing..
CMSC 10L Computer Literacy
Total units required ...

BCA 1
Eransferable to CSU Examination of information systems in business. Focus working, e-commerce, ethics and security, computer system hardware and software components. Application of these concepts and methods through projects developing compute based solutions to business p
BCA 15
Business Computer
Applications - Beginning
45 lecture hours, 27 lab hours
Transferable to CSU
Develop beginning to intermediate skills using the Microsoft Office Suite. Basic features of Word, Excel, Access and Pow erPoint are covered. Hands-on activities will focus on creating simple, integrated documents for business, personal
17 RUS

\section*{CA 1}

\section*{usiness Computer}

3 units
36 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: BCA 15
Transferable to CSU
Develop an intermediate/advanced level of skills using the Microsoft Office Suite. Advanced features of Word, Excel, Access, and PowerPoint are covered along with how to use
Object Linking and Embedding (OLE) to create integrated Office documents. Prior experience using Windows, the Internet, and MS Office Suite is assumed. (L,M)

\section*{BCA 22A}

Introduction to
Microsoft Word
1 unit
9 lecture hours, 18 lab hours
Transferable to CSU
Overview of the basic features of Microsoft Word. Creating editing, and saving documents, file management, basic tex oations; tables and columns. Grades are P/NP. (L)
BCA 26 Microsoft PowerPoint

Transferable to CSU
Learn the basics of PowerPoint and more: create presentations, add visuals, include elements and data from other sources, modify master slides and timings. Customize, prepare fo distribution and grads are P/NP. Familiarity with keybo

BCA 33A
Introduction to
Microsoft Excel
1 unit
12 lecture hours, Microsoft Exc
Transferable to CSU
Learn basic features of Microsoft Excel. Including: using the interface, working with text labels, values, formulas, functions editing and formatting. Spreadsheets designed for decision making, creating chars, ist and daca management. Hands-o applications. Grades are P/NP. (L,M,C)

BCA 34
12 lecture hours, 18 labanced Microsoft Excel
Prerequisite: Satisfactory completion of: BCA 33A
Transferable to CSU
Covers advanced features of Microsoft Excel spreadsheet oftions, financial functions, 3 -D formulas, and other advanced data functions. Hands-on exercises emphasizing business applications. Grades are P/NP. (L,M,C)
BCA 37A
Introduction to
Microsoft Acces
1 unit
2 lecture hours, 18 lab hours
Transferable to CSU
se Microsoft Access to develop simple to complex databases a Windows environment. Design databases, sort and filte records, create input forms and custom-formatted reports. rades are P/NP. (L,M,C)
CA 37B Advanced
18 lab hours
rerequisite: Satisfactory completion of: BCA 37A
Transferable to CSU
Explore advanced capabilities of Access and build omprehensive knowledge of relational databases. Includes subforms to input data; use Query by Example (QBE) to extract ata; create reports from related tables; and use macros to manipulate files. Grades are P/NP. (L,M,C)

\section*{41A \\ Windows 7}

Iransferable to CSU
Gain a comprehensive understanding of Microsoft Windows , including the new features of the operating system. This files, customizing the workspace, fine-tuning performance, maintaining and protecting your computer. Additional topics nclude using the internet, basic e-mail skills, performing earches and networking. Students are challenged to apply hat they learn to realife tasks, preparing them to easily

BCA 42A
Internet Literacy and Safety 3 units 4 lecture hours
Exposes the student to a wide range of topics related to the Internet. Students will learn how to perform basic searches, work with email, manage and tune the web browser, and make the Internet a practical and functional part of everyday ife. Designed to ease the fears of the novice and enhance credit in IT 42A. (L)

BCA 61 Desktop Operating Systems

\section*{18 lecture hours, 18 lab hou}

Transferable to CSU
Gain a comprehensive understanding of Desktop Operating and organizing files, customizing the work space, fine-tuning performance, maintaining and protecting your compute Additional topics include using the internet, basic e-mail skills, performing searches and networking. Students are challeng
to apply what they learned to real-life tasks preparing the to easily transfer skills to new situations. Grades are P/NP.

\section*{General Business}

\section*{GENERAL BUSINESS MANAGEMENT}

\section*{(Associate in Science)}

Students who complete this program should be able to:
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of buse mathematical and and technnololigcal skill
 problems and issues in making informed business decisions
4. Formulate solutions to business problems using current and emerging com-
puter applications, records management, and standard business procedures.

Required Courses Units
BCA 15 Business Computer Applications - Beginning.......
GNBUS 10 Introduction to Global Business..
GNBUS 18A Business Law.
GNBUS 56 Business Mathematics
ECON 1 A Elementary Economics-Macro
MGMT 5 Introduction to Supervision OR.
MGMT Introduction to supervision OR...
MGMT 10 Principles of Management
Plus 3 units from the following:
ACCT 1L Principles of Accounting - Financial
ACCT 2L Principles of Accounting - Managerial ACCT 2 L Principles of Accounting
ACCT 6 Individual Income Tax.
GNBUS 25 Career Planning.
MGMT 35 Management Psychology
OA 52/GNBUS 52 Business Englis
SPECH 1 Public Speaking OR
SPECH 1 Public Speaking OR
SPECH 6 Group Communica
Total units required for degree major
Total units required for degree major................................................
Students earning an AAAAS degree must complete a minimum of 18 units of
General Education requirements, the multicultural lyaduation requirement the heath requirement, in addition to the program units listed here. Student ere atala of 60 degree applicable units to earm an AA orAS. Pleas see your counselor for additional information.

NBUS 10
54 lecture hours
Transferable to CSU/U
C-ID BUS 110
Survey of the diverse activities of businesses operating in a changing global environment. Examines how culture and customs, global economic systems, technology, lega and human reations instract to affect \(U S\) business policies and practices. Covers factors that affect a business' ability to achieve its organizational goals and competitive advantage ncluding entrepreneurship, organizational design and ructure, leadership, human resource management and marketing and consumer behavior, e-business, legal issues, accounting, financial management and investing options.(L)
GNBUS 18A Business Law
3 units
Transferabe to Csu
C-ID BUS 125
Law and its relationship to business. Laws and regulations affecting managerial decisions. Dispute resolution, torts, contracts, government regulations and other area of concepts explored include ethics, employment, consumer ransactions, competition, the environment, agency, and usiness organizations. (L)

GNBUS 21 Business Communications 3 units
Prerequisite: Satisfactory completion of: ENGL 1A
ther: Word processing and keyboarding skill: no handwritten ransferable to CSU
pplication of principles of ethical and effective communication o the creation of letters, memos, e-mails, and written and oral reports for a variety of business situations. Development and refinement of written and oral business communication kills including planning, composing, editing, and revising written documents and presentation software to create and deliver professional oral reports. This course is designed for tudents who already have college-level writing skils. Not ope or credit for students with creditin OA 21. (L)

\section*{GNBUS 52 \\ Business English \\ 3 units}

54 lecture hours
review of English grammar with applications for written and ral business communications. Not open for credit to students with credit in OA 52. (L)
GNBUS \(53 \quad\) Records Management 3 units 5 lecture hours, 27 lab hours
his course introduces students to the increasingly complex mportance of effective records management for all type of documents from their creation or receipt, through the rocessing, distribution, organization, storage, and retrieval
their ultimate disposition. Students will investigate their ultimate disposition. Students will investigate th management program effectively. (L)

\section*{RETAIL MANAGEMENT}
(Certificate of Achievement)
1. Demonstrate skills to poroduce business communications and documents. 2. Solve complex business situations
mathematical and technololigal skill
3.Analyze both internaland extermaldatalinformationinaddressing
probblems and issues in making informed business decisions.
4. Formulate solutions to business probbems using current and emerging com-

Required Courses Units
ACCT 10A General Accounting .................................... 4
BCA 15 Business Computer App
GNBUS 56 Business Mathematics...............
GNBUS 10 Introduction to Gio
GNBUS 18A Business Law .............
MGMT 15 Human Resource Managem
MGMT 35 Management Psychology
MKT 82 Marketing Management.
OA 21 Business Communica
SPECH 1 Public Speaking

\section*{Small Business Managemen}

The Small Business Management Associate in Science Degree is primarily for students who plan to manage a small business or work in a small business en vironment. The Small Business curriculum provides sturactices. Students will be able to understand and apply he principles of business ethics, social responsibilitie of a business, basic functions of management, and the qualifications required in business management and/o

\section*{SMALL BUSINESS MANAGEMEN}
(Associate in Science)
Students who complete this program should be able to: 1. Demonstrate skills top oproauce business communications and documents. mathematical, and technololigcal skill.
3.Analyze both intemaland extermal datalaifformation in addres

4 Formulate sosulutions to to business problems busing current and enern
a

\section*{Required Courses}

Units
ACCT 3 Computerized Accounting..

NBUS 10 Introduction to Global Business
GNBUS 18A Business Law
GNBUS 52/OA 52 Business English
GNBUS 56 Business Mathematics..
Total units required for degree major............................................. 3 Students earning an AAAAS degree must complete a minimum of 18 units on. 18 Generalatducation requirements, the multicultural graduation requirement, and nust complete a totall of 60 degree a poplicable units units sisted here. Students see your counselor for or additional information.

Additional Recommended Courses
BCA 33A Introduction to Ex
BCA 34 A Introduction to
MGMT 10 Principles of Manageme
MGMT 35 Management Psychology

\section*{SMALL BUSINESS MANAGEMENT}
(Certificate of Achievement)
Students who complete this program should be able to:
1. Demonstrate skill to produce business communicaions and documents.
1. Demonstrate skills to produce business communication and documents,
2. Solve complex busisess situations through the application of business. mathematicall and technosoligcal stilill.
3.Analyzze obth internalandextexterald datatariformation inaddressing and evaluating
problems and issues in making informed business decisions.
4. Formulate solution sto tusiness probblems using current and emerging com-
puter applications, recordd management, and standard business procedures

Required Courses Units
BCA 15 Business Computer Applications - Beginning.......... 3
 MGMT 10 Principles of Management .........................


Plus 15 units from the following
ACCT 10A General Accounting-Financial OR GNBUS 10 Intro. to Global Busines
GNBUS 25 Career Planning.
GNBUS 56 Business Math
OA 52 Business English
A 52 Business Engli

\section*{SMALL BUSINESS MANAGEMENT} (Certificate of Achievement)
Students who complete this program should be able to.
1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business 2. Solve complex business situations
mathematical and technoligcal skill.
a Analyze ofdhin

problems and issues in making informed business decisions.
4. Formulate solutions to businiss probbems using current and dmerging com-
puter applications, records menagement, and standard business procecdure

Required Courses Units
BCA 15 Business Computer Applications - Beginning......... 3
GNBUS 10 Intro. to Global Business. GNBUS 18A Business Law ..............
MGMT 5 Introduction to Supervision OR MGMT 35 Management Psychology Total units required.

\section*{MGMT 5}

Introduction to Supervision 3 units 54 lecture hours

Introduction to the role of the supervisor and understanding of the basic fundamentals of supervision. A practical course designed for the potential working supervisor. (L)

MGMT 10
Transferable to CSU
Managerial and organizational theory and practice; planning, organizing, influencing, and controlling. Focusing on the ontemporary organization. (L)

54 lecture hours
Entrepreneurship
3 units
Transferable to CSU
Principles of establishing and managing a small business, ncluding the preparation of a business plan; emphasis on goal setting, types of business organizations, obtaining license requirements, managing the enterprise, and other aspects in business entrepreneurship. Not open for credit to students with credit in AG 14. (L,M)
MGMT 15 Human Resource
3 units
4 lecture hours
ansferable to CSU
Foundations for the contemporary theory and practices relating o the management of people, managing human resources ization, and basic personnel processes. (L)

MGMT 35 \(\qquad\) anagement Psychology 3 units
54 lecture hours
Assists students in understanding and applying theories of management and psychology to human behavior in he workplace. Increases awareness of individual and orgap behavioulional dynamics ( \((\mathbf{L})\) organizational dynamics. (L)



OA 22 Machine Calculation
Transferable to CSU
Skill development in the operation of the electronic display and multiplication, division, memory, percentages, and interest calculations to solve typical business problem
accuracy by touch method emphasized. (L,M)

OA 55 54 lab hours

\section*{or GNBUS 5}
documentation/voice processing and transcription fro physician dictation. Course work will encompass general medicali/surgical fields and specialities such as oB-GYN

\section*{54 lecture hours}

Prerequisite: OA 15A
nformation systems necessany nanauomaled office. Office elecommunications, information processing, mail and phone systems, time manage ment, pubicr cerations, human relations
skills, and ethics. Not open for credit to students with credit in

OA 61
OA 61
54 lecture hours
Advanced Office Procedures 3 units
Prerequisite: Satisfactory completion of: OA 15A
and kill a assistant skills such as analysis, communication, decision making, and supervision principles. Not open for credit to

OA 63 Legal Office
54 lab hours
Oter 15A3 are recommended
This class explores the legal office office technology. (L,M,C)

OA 65 Medical O
36 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: OA 15A or OA 17A assistant by mastering medical office duties and becomin proficient in the \(c\)

\section*{Chemistry \\ TheAssociate of Science Degree in Chemistry is designed} to prepare students for transfer to four-year colleges or universities. The Degree is designed for pre-professional studies in meet course requirements for Bachelor's of Science Degree with emphasis in environmental chemistry, forensic science nd pharmaceutical chemistry. In all cases, studens shoul admission and transfer requirements.

\section*{CHEMISTRY}

Associate in Science)
Students who complete this program should be able to:
1. Recognize and implement chemical symbolism, notation, nomenclature
and vocabular.
3. Apply chemisisty conceppts; demonstrtate inductive reassoning reasoning.

Required Courses Units
CHEM 1 A General Chemistry
HEM 184 Oranic Cemistry..... 1 ............ 5 CHEM 18B Organic Chemistry for Heath \& Life Sciences II... 4 MATH 1 A Single Variable Calculus - Early Transcendentals... 4 Calus - Early sendentals... us the following:
PHYS 3A General Physics
PHYS 2B General Physics.
HYS 3B General Physics Lab OR
PHYS 4A Mechanics.
PHYS 4B Electromagnetism
otal units required for degree major............................................................ 34
Students earning an AAAS degree must complete a minimum of 18 units of The heath requirement, in addition to the the procram Il units sisted hequire St, and must complete atotal of 60 degree applicable

CHEMISTRY
(Associate in Science for Transfer) students who complete this program should be able to 1. Recoonnize a

2 Pefform chemisty 2. Perform chemistry calculations and demonstrate quantitative reasoning.
3. Sort and apply chemical data and information; demonstrate deductive reasoning.
4. Apply chen
4. Apply chemistry concepiss; demonstrate inductive reasoning.
5. Conduct chemisty laboratory operations and demestan

Required Courses
CHEM 1A General Chemistry Units
\(\qquad\) CHEM 1B General Chemistry.. CHEM 18 A Organic Chemistry for Health \& Life Sciences I....
CHEM 18B Organic Chemistry for \(H\) Hel PHYS 4A Mechanics.
PHYS 4B Electromagnetism
MATH 1 A Single Variable Calculuc................................... 4 MATH 1 A Single Variable Calculus - Early Transcendentals...
MATH \(1 B\) Single Variable Calculus - Early Transcendentals... MATH 1 B Single Variable Calculus -
Total units required for degal

courseevork ligigile for transser to to the CSU includinine the CSU GE-B or IGETC
(CSU version), all courses in the maior with "C" or better grades, and achiev (CSU version), all courses in the major with "C" "
a minimum transferable cumulative GPA of 2.0 .

\section*{CHEM 1A} General C
解 108 lab hours Prerequisite: Satisfactory completion of: MATH 52; CHEM 2A Transferable to CSU/UC
C-ID Cum
Students will explore the fundamental principles of inorganic
chemistry including the nomenclature of inorganic componds chemistry including the nomenclature of inorganic compounds,
chemical formulas, equations and reactions; stoichiometry; structure of atoms, ions, and molecules and the periodic lable; oxidation-reduction and acid-base reactions; gas laws;
thermochemistry and equilibrium. Laboratory techniques in the investigation of these chemical systems will be extensively developed including experiments utilizing calorimetry to determine the enthalpy change associated with physica and chemical processes, fundamental gas laws analyzing
pressure, volume, and temperature relationships, and acidbase chemistry utilizing titration analysis. (L,M)

\section*{HEM 1A \\ General Chemistry \\ Effective Spring 2019 -}

54 lecture hours, 108 lab hours
rerequisite: Satisfactory completion of: MATH 52; CHEM 2A assing score on the Chemistry Assessment Examination Transferable to CSUIUC
C-ID CHEM 110 \& C-ID CHEM 120S (CHEM 1A \& CHEM 1B) Students will explore the fundamental principles of inorganic hemistry incluaing the nomencla aure of inorgantic compounds, hemical formulas, equations and reactions; stoichiometry; tructure of atoms, ions, and molecules and the periodic hermochemistry and equilibrium. Laboratory techniques in he investigation of these chemical systems will be extensively developed, including experiments utilizing calorimetry to and chemical processes, fundamental gas laws analyzing pressure, volume, and temperature relationships, and acidbase chemistry utilizing titration analysis. (L,M)

\section*{CHEM 1B 1 General Che
54 lecture hours, 108 lab hours}
rerequisite: Satisfactory completion of: CHEM 1 Transferable to CSU/UC - UC Unit Limit
-ID CHEM 120 S (CHEM 1A \& CHEM 1B)
ontinuation of the exploration and application of the Topics include intermolecular forces, solutions, colligative properties, kinetics; further aspects of equilibrium including cid-base and solubility equilibrium, thermodynamics lectrochemistry, descriptive chemistry, and qualitative introduction to organic chemistry. Laboratory techniques in he investigation of these chemical systems will be extensively developed. (L,M)

Introductory Chemistry
4 lecture hours, 108 lab hours
Transferable to CSU/UC - UC Unit Limit
ntroduction to fundamental principles of inorganic chemistry and reactions, stoichiometry acids, bases, and equation equilibrium, redox, gases, solutions, and nuclear chemistry. Not pen for credit to student with creatt in CHEM 1 A or equivalen. MATH 50 with a "C" or better strongly recommended. (L,M) CHEM 2B Introductory Chemistry 4 units 54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: CHEM 1A or CHEM 2A
Transferable to CSUIUC - UC Unit Limit
ntroduction to fundamental concepts of organic and bomenclature, and reactions of some organic compounds an drugs, (2) stereochemistry, (3) structure and metabolism of arbohydrates, Ipids, protern, enzyme activity and innibition this course along with CHEM 2A is designed to satisfy th requirements of those allied-health career programs which equire two semesters of chemistry. (L,M)

CHEM 10
54 lecture hours
Concepts of Chemistry

Transferable to CSUIUC - UC Unit Limit
Designed for non-science majors practices of chemistry. Designed for non-science majors desiring an introduction to
fundamental chemistry concepts and skills. Not intended for students who will enroll in subsequent chemistry coursework. (L)

\section*{CHEM 18A \\ Organic Chemistry
and Life Sciences}

54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: CHEM 1 B Transferable to CSU/UC
C-ID CHEM 150 \& C-ID CHEM 160 (CHEM 18A \& CHEM 18B) The first semester of a one-year course in organic chemistry
designed for students planning professional school studies in health and life sciences. A rigorous, in-depth presentation of basic principles with emphasis on reaction mechanisms,
multi-step synthesis, stereochemistry and spectroscopy and preparation and reactions of nonaromatic hydrocarbons, haloalkanes, reactions of alkenes and alkynes, alcohols, ethers and organometalic compounds. E1 and E2. (M)
CHEM 18B Organic Chemistry for Health 4 units 54 lecture hours, 54 lab hours
54 lecture hours, 54 lab hows
Prerequisite: Satisfactory completion of: CHEM 18A
CID CHEM 160 S (CHC
A continuation of CHEM 18A. Designed for students planning professional school studies in health and life sciences with emphasis on reactions of aromatic hydrocarbons; aldehydes and ketones; the preparaion, reacions and idencicaion B-dicarbonyl compounds; and various classes of naturally occurring, biologically important compounds. (M)

COMMUNICATIONS (see Speech)

\section*{Computer Science}

The AS degree program in computer science is de igned for students transferring to a four-year educational istitute. The study of Computer Science provides the and information processing combined with skills needed for system design implementation. Course work cover programming fundamentals, data structures, discret
mathematics and computer architecture.

\section*{COMPUTER SCIENCE \\ \\ Associate in Science} \\ \\ Associate in Science}

Use appocomplee this program should be able to:
1. Use appropriate mathematical and OOP (object oriented programming
concepps and methods to understand, analyze, and communicate issues in quantitative terms.
OPO (object orientefted programmming) topic requirements.
3. Analyze datarintormation in addressing
3. Analyze datalifformation in addressing and evaluatu), in making decisions as applied to mathematical and OOP (obiecct orient sed pro desktop design and migration to mobile devicice technology.
Required Courses
Units
COMSC 9A C++ Programming and
9B Data Structures or...................................... 4
COMSC 11 Advanced C++ Programming.
Plus 12 units from the following:
COMSC 2 Computer Assembly Language
COMSC 5 BASIC Programming....
COMSC 7 Intro. to Visual Basic Programming
OMSC 8 Digital Logic Fundamentals.
COMSC 9B Data Structures.
COMSC 11 Advanced C++ Programming
COMSC 12 JAVA Programming.
COMSC 15 Discrete Structures for Compute.......................... 3 Total units required for degree major...............................20
Students eanning an AAAS degree must complete a minimum of 18 units or Students earning an AAASS degre must complete a minimum of 18 units
General Education requirements, the multicultural graduation requirement and the heath requirement, in addition to the program units listed here. Studen
must complete a total of 6 o degree applicable units to earn an A A or AS. Pleas must complete a total of 60 degree apppicable
see your counselor for additional information

Recommended Courses for Degree:
STAT 1 Introduction to Statistical Methods.................... 4 MATH \(1 B\) Single Variable Calculus - Early Transcendentals 4 MATH 25 Finite Math

The Computer ScienceAS-T degree curriculum focuses on computer architecture and object oriented programming sis, system design, and testing. The Computer Scienc sis, syd degree targets four-year university transfer students interested in software system design and programming as well as those students seeking marketable programming nd innovatio
COMPUTER SCIENCE
(Associate in Science for Transfer)
Students who complete this program should be able to
1. Demonsstrate analysis, specification, desigin, implementataion, and testing skilis resulting in quality computer software solutions. Studdents will use datastructure algorithms, programming languages, and sis.
implement significant programning projeccs.

\section*{2. Demononstrate the e abiliy to analyzze relevant data,
oriented program}
oriented programming design and data structures. 3. Clearly and effectively communicate program designs and demonstrate the
 organize and communicat.
code and design format.
Required Courses
COMSC 9A C++ Programming OR
COMSC 12 JAVA Programmin
COMSC 9B Data Structures
COMSC 2 Computer Assembly Language MATH 1A Single Variable Calculus - Early Tran Science. MATH \(1 B\) Single Variable Calculus - Early Transcendentals PHYS 4A Mechanics
PHYS 4B Electromagnetism..
Total units required for degree major...................................................... \(29-30\)
Students earning an AA-TAS-T degree
studenis earning an AA-TAAS-T degree must complete 60 semester units of
(CSU version). all courses in the meior with "C" org the CSU GE-B or IGET a minimum transferable cumulative \(G\) GPA of 20 "

\section*{COMPUTER SCIENCE}

\section*{Certificate of Achievement)}
students who complete this program should be able to
1. Use appropriate mathematical and OOP (object oriented programming)
concepts and methods to understand, analyze, and communicate issues
OOP (object oriented programming) topic requiriements
3. Analyze dataidintormation in addressing and evaluating
in making decisions as applied to mathematical and OOP P (object oriented isu pro yramming topip requirements. This SLO applies to issues
deskhtop design and
nigration to mobile device technology.
Required Courses
Units
COMSC 9A C++ Programming
Plus 15 units from the following:
COMSC 2 Computer Assembly Language
COMSC5 Introduction to UNIX Operating
COMSC 6 Basic Language Programming .....
COMSC9B Data Strual
COMSC 10L Computer Literac
COMSC 11 Advanced C++ Programming
COMSC 12 JAVA Programming....
OMIS units required for degree major Computer Science....................................
otal units required for degree major...................................... 19
COMSC 2 Computer Assembly 3 units
36 lecture hours 54 Language
ransferable to CSU/UC
C-ID COMP 142
Basic operating principles and structure of digital computers, including addressing modes, stack manipulation, interrupt processing, fixed and floating point formats, subroutines, Programs are written using typical operating systems and machine language for typical modern processors. (L,M)
COMSC 5 Introduction to UNIX
42 lecture hours, 36 lab hours
Prerequisite: Satisfactory completion of: COMSC 9A Transferable to CSU
Comprehensive introduction to the UNIX operating system. opics to include system programming and managemen make files and source code control conce and Us. Creation of ystem calls and dynamic memory allocation. System libraries elocation, and linking concepts including handling of symbe ables. I/O redirection, network utilities, managing processes, ins are P/NP option.

54 lecture hours suluc
Introduction to programming using object-orientated programming techniques, including problem solving, algorithm development, coding solutions, program life cycle, and sourc
comsc Introduction to Visual Basic 3 unit 54 lecture hours Programming

\section*{Transferable to CSUIUC}
ntroduction to event-driven programming in the Windows environment using Microsoft Visual BASIC.Net. Intended for formal programming language. Includes objects, propertie user interface, forms, event procedures, custom control graphics, data
methods. (L,M)
comsc 8 Digital Log
60 lecture hours, 36 lab hours
Prerequisite-Satisfactory completion of: COMSC 9A and MATH 52
Transferable to CSU/UC
Properties of switching algebra. Minimization of algebraic function using Karnaugh maps and DeMorgan's theorem logic devices including flip-flops, registers, and counters. Analysis and applications of digital devices. Analysis and design of synchronous and asynchronous sequential state machines, state table derivation and reduction. Use HD ampilers, schematic cap Una, 1 L circuit implementation, and logic simulations tools. Logic design implemen,
PLD, FPGA, and TTL. Grades are P/NP option.
COMSC 9A C++ Programming
60 lecture hours, 36 lab hours
Transferable to CSUIUC
C-ID COMP 122
Introduction to the C++ programming language. Emphasis on structured programming methods, object-oriented design, problem-solving to debugaing is programming cycle fro recommended. (L,M)

\section*{COMSC 9B \\ Data Structure}

4 units
00 lect hours 36 lab hours
Prerequisite: Satisfactory completion of COMSC 9 A
Transferable to
C-ID COMP 132
A continuation of Computer Science 9A using Object Oriented Programming techniques. An introduction to abstract data ypes, algorithm analysis, data structures including lists, has ables, trees, and graphs. Required for Computer Scien
\(\underset{36 \text { lecture hours, } 54 \text { lamputer Literacy }}{\text { COMS }}\)
36 lecture hours, 54 lab hours
Transferable to CSUIUC
the history of computers, hardware applications. A survey of the history of computers, hardware, software, social aspects, object oriented programming will be examined. (L)

4 lecture hours
Advanced C++ Programming 3 unit
Prerequisite: Satisfactory completion of: COMSC 9A Transferable to CSU/UC
Topics in object-oriented programming using the C++ programming language, including C++ programming
techniques, streaming input/output, dynamic memory allocation, classes and data abstraction, operator overloading, inheritance, and polymorphism. (L,M)
COMSC 12 Java Programming
3 units
Transferable to C
C-ID COMP 122
Introduction to Java Programming. Intended for those with prior experience or coursework in at least one formal programming language, preferably C or C++. Topics include: Java and
HTML, Applet user interfaces, graphics and multimedia objects, classes and methods, input and output and outpu treaming, networking, threads, packages, the Java AWT
and (L)
COMSC 15 Discrete Structures for 3 units
36 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: MATH 20; COMSC Prerequisite: Satis
9A or COMSC 12

\section*{to CSU/UC - UC Unit Limit}
-ID COMP 152
htroduction to the essential discrete structures for computer science with applications. Topics include: proof techniques, countion rules, elementary formal logic and set theory, circuits, real number representation, regular expressions, and finite automata. Grades are P/NP option.
COMSC \(20 \quad \begin{gathered}\text { Beginning Web Publishing } \\ \text { with HTML }\end{gathered} 3\) units
54 lecture hours
Transferable to CSU
Fundamentals of web publishing using HTML, covering design, writing, and maintenance of web pages. Emphasis on realillife infrmational and interactive presentation to include testing, Wide Web.

\section*{Cooperative \\ Work Experience Education}
\(\begin{array}{lll}\text { CWEE 44A } & \begin{array}{l}\text { 1st Semester General } \\ \text { Work Experience }\end{array} & \text { 1-6 units }\end{array}\)
60-450 lab hours
Corequisite: Must
都 Transferable to CSU
Coordination of introductory on-the-job learning with college experience to develop desirable work habits, attitudes and career awareness through supervised "paid" or "volunteer
employment. A maximum of sixteen (16) semester units cain employment. A maximum ors Experience during a student's
be earned in General Work enrollment within Yuba Community College District, with a six (6) unit maximum in any one semester. Students enrolled in this class are not eligible for other Cooperative Work Experience
Internship classes during the same semester. Students may not exceed sixteen (16) units in the combination of program (CWEE 44A/44B/44C/44D, CWEE 45A/45B or INTRN 46A/B) Grades are P/NP. (L)
CWEE 44B
2nd Semester General
60-450 lab hours
Corequisite: Must have a PAID or VOLUNTEER position Transferable to CSU
Coordination of intermediate level on-the-job learning with college experience to develop desirable work habitit,
attitudes and career awareness through supervised "PAID" attritdes and career awareness through supervised "VOLUNTEER" employment. A maximum of sixteen (16) semester units can be earned in General Work Experience during a student's enrollment within Yuba Community College
District, with a six (6) unit maximum in any one semester Students enrolled in this class are not eligible for other Cooperative Work Experience/Internship classes during the same semester. Students may not exceed sixteen (16) units in the combination of programs (CWEE 44A/44B/44C/44D
CWEE 45A/45B or INTRN 46A/46B).(CWEE 44A/B, 45A/45B CWEE 45A/45B or INTRN 46A/46B).(CWEE 44 A/B, 45A/45
or INTRN 46A/46B). Grades are P/NP. (L) CWEE 44C 3rd Semester Genera 60-450 lab hours Work Experience
Corequisite: Must have a PAID or VOLUNTEER position. Transferable to CSU
Coordination and continuation of the development of more advanced level skills, work habits, attitudes and caree awareness through supervised "PAID" or "VOLUNTEER"
employment. A maximum of sixteen (16) semester units can be earned in General Work Experience during a student's enrollment within Yuba Community College District, with a six (6) unit maximum in any one semester. Students enrolled in this class are not eligible for other Cooperative Work Experience
Internship classes during the same semester. Students may not exceed sixteen (16) units in the combination of programs (CWEE 44A/44//44C/44D, CWEE 45A/45B or INTRN 46A/B
Grades are P/NP. Grades are P/NP.

\section*{60-450 lab hours} Work Experience
Crequisite: Must have a PAID or VOLUNTEER position. Transferable to CSU
vel skills and final development of proficient and advanced level skills, work habits, attitudes and career awareness
hrough supervised "PAID" or "VOLUNTEER" employment A maximum of sixteen (16) semester units can be earned in General Work Experience during a student's enrollment within in any one semester. Students enrolled in this class are not eligible for other Cooperative Work Experience/Internship classes during the same semester. Students may not exceed sixteen (16) units in the combination of programs (CWEE are P/NP option.
CWEE 45A Occupational Work 1-4 units 60-240 lab hours Occupational Work
Experience-Volunteer
orequisite: Must have a Volunteer position. Transferable to CSU
Coordination of on-the-job learning within career path and college major to improve employment skills and career goals sixteen (16) semester units can be earned in Occupational Work Experience during a student's enrollment within Yuba Community College District, with a four (4) unit maximum in any one semester. Students enrolling in this class are not classes during the same semester. Students may not exceed sixteen (16) units in the combination of programs (CWEE \(4 \mathrm{~A} / 44 \mathrm{~B} / 44 \mathrm{C} / 44 \mathrm{D}\), CWEE \(45 \mathrm{~A} / 45 \mathrm{~B}\) or INTRN \(46 \mathrm{~A} / 46 \mathrm{~B}\) ). Grades are P/NP. (L)

CWEE 45B Occupational
\(1-4\) units
75-300 lab hours
5-300 lab hours
have a Paid position.
Transferable to CSU
Coordination of on-the-job learning within career path or occupation choice to improve employment skills and career goals, through supervised "PAID" employment. A maximum of sixteen (16) semester units can be earned Occupational Work Experience during a student's nrollment within Yuba Community College District, with four (4) unit maximum in any one semester. Students Work Experience/Internship classes during the same semester. Students may not exceed sixteen (16) units in he combination of programs (CWEE 44A/44B/44C/44D CWEE 45A14B or NTTN 46A46B). Grades are P/NP. (L)

\section*{CORRECTIONS}
(see Administration of Justice)

\section*{Cosmetology}

Yuba College, in cooperation with Sutter Beauty Colleg in Yuba City offers an associate degree in Cosmetology The academic requirements for the degree are completed at Yuba college, and the vo
ments at the beauty college
All beauty colleges are licensed and governed, under the State of California Cosmetology Act, by the Departmen of Professional and Vocational Standards, and provide a complete course of 1600 hours of training. Yuba Colleg training. Upon successful completion of additional academic course work satisfying General Education graduation requirements, students receive the associate degree. Th academic course work may be taken before, during, or afte completion of the vocational training. Students must be evel or equivalent to be eligible to take the California State Board of Cosmetology Examinations.

The vocational course work will include theory, model ing, reception or desk work, laboratory, wet hairdressing, shampoo and comb-out, hair cutting and shaping, permatreatment, facials, makeup and arching, manicuring, an miscellaneous studies. Academic work at Yuba College w meet the requirements for the associate degree as listed elsewhere in this Catalog
The Cosmetology program is in operation throughout he academic year including the summer months. In ad tion, a 400-hour Manicuring program is offered.

\section*{COSMETOLOGY}
(Associate in Science)
Students who completet this program should be able to:
1. Demonstrate pasic skills of Cosmetology so that the student may take and
1. Demonstrate basic skill of Cosmetology so that the student may take and
pass the Califoria State Board Exammile researching continuing education to
2Find employment in the industry whil pass the Califormia State Boardexam.
2. Find employment in the industry while researching continuing education to
sol stay abreast of all current trends and applications.
3. Recognize and analyze ifformation dealing with problems and issues in the
Cosmetology field reararding clients senvices and formulations
\[
\begin{aligned}
& \text { Required Courses }
\end{aligned}
\]

Units
Total units required for de....................................................... 40
Additional Required Unitg
18
General Education Requirements \(\qquad\)
Total units required for degree
\(\qquad\) Tota units required for degree.
Students earning an AAAS degree Students earling an AAAAS degree must complete a minimum of of 18 units of
General Education requiremeys the the health requiriement, in additition to thite program grauduation requirements, and
musted herem. Students must complete a total of 60 degree applicable
see your counselo ror additional information.

\section*{COSMETOLOGY}

Certificate of Achievement)
Sudents may earn a Certificate of Achievement upon successful cy
Cosmetology
\[
\begin{aligned}
& \text { Students who complete this program should be able to: } \\
& \text { 1. Demonstrate basicic skills of Cosmetology so that the student may ta }
\end{aligned}
\] 1. Demonstrate basic skills of
California state board exam.
2. Demonstrate the necessary skills to find employment in the industry while
researching continuing education to stay abreast of all current trends and
applications. applications \({ }^{\text {3. Recognize }}\)
3. Recognize and analyze information dealing with problem
metology field regarding client services and formulations.

Required Courses
Costal units require
COSMT 50 Introduction
164 lab hours
36 lecture hours, 164 lab hours
htroduction to theory, techniques and technical equired for employment as a licensed cosmetologist and how chemicals relate to salion cosmetology products California Board of Barbering and Cosmetology
 sanitation. Grades are P/NP option. (L,M)

COSMT 51 Beginning C
6 lecture hours, 164 lab hours
rerequisite: Satisfactory completion of: COSMT 50
nsiruction structures of the hair and scalp and its disorders. to salon services, learning how to evaluate facial shapes and hair characteristics for selection of complimentary cosmetology services, basic haircutting skills, hair design and techniques,
\(\underset{\text { Beginning }}{164 \text { lab }}\)
Cosmetology II 5 units 66 lecture hours, 164 lab hours
requist. Introduction to the principles of infection control and
procedures, anatomy of the skin and its diseases and disorders, hair coloring procedures and techniques and the chemical composition related to coloring services, Analine Derivative tints (color) and processing agents, and accurate
mixing ratios according to manufacture specifications. Grades mixing ratios acco
are P/NP option.
COSMT 53 Intermediate 36 lecture hours, 164 lab hours
Prerequisite: Satisfactory comp 5 units structure and growth, nail disease and disorders, manicuring and pedicuring services. Grades are P/NP option.
COSMT 54 Intermediate
\(\mathrm{s}, 164\) lab hours Prerequisite: Satisfactory completion of: COSMT 53 introduction to human anatomy. Includes, but is not limited to, physiology and the body's organs and functioning systems.

COSMT 55 Advanced C
164 lab hours
36 lecture hours, 164 lab hours
Prerequisite: Satisfactory completion of: COSMT 54 introduction to the basics of chemistry and electricity and how
they are related to cosmetology. Grades are P/NP option COSMT 56 Advanced C
164 lab hours 36 lecture hours, 164 lab hours
Prerequisite: Satisfactory completion of COSMT 55 Introduction into hair removal, facials, and facial makeup. Grades are P/NP option.
COSMT 57 Cosmetology State Cosmetology
Board Prep
164 lab hours
36 lecture hours, 164 lab hours
Prerequisite: Satisfactory completion of: COSMT 56 Focuses on California State Board written and practical exam preparations. Covers all information listed the California Cosmetology Practical Examination Candidate Inform
Bulletin and the written exam. Grades are P/NP option.

\section*{Counseling}

COUNS \(10 \quad\) College Success 3 units 54 lecture hours
Transferable to CSUIUC
Study skills and knowledge necessary for college success, taking, reading skills, test-taking skills, critical thinking writing, learning styles, diversity, communication skills, career planning, assessment, use of technology and other resources. (L)
COUNS 15 Orientation to College 1 unit 18 lecture hours
Transferable to CSU
Designed to provide students with information and skills Io facilitate their transition to college. Familiarize students
with the college community rules, regulations, Introduces the use of student and campus services. Develops a thorough understanding of program requirements and the knowledge necessary for sound educational planning.
COUNS 22 Peer Advising Seminar v1-2 units 18 lecture hours (1 unit)
36 lecture hours (2 un
Transferable to CSU
Designed for Peer Advisors. Methods of working with students from a wide variety of backgrounds, with the emphasis on
individualized assistance to help in all areas of counseling orientation to materials and resources; development of interpersonal skills. Grades are P/NP. (L)

\section*{Culinary Arts \\ Culinary Arts}
(Associate in Science)
Students who complete this program should be able to: .Understand and demonstrate the ability to clean, oragnize and sanitize ac2. Understand and utitize the appropriate cooking mettrods and techniques ccording to industry standards.
3. Demonstrate professionalism in appearance, teamwork and promptress.
4. Understand and be able to create an employee handbook according industry standards.
Required Courses
UL 2 Introductory Purchasing for Food Service and Hospitality.
UL 3A Basic Food Preara......................................... 1 CUL 3B Professional Baking.
L 54 Sanitation, Safety, and Storage
ULL 59 Restaurant Operations (take twice)
CUL 60 Advanced Foods and Catering.
CUL 64 Beverage Control and Operations............................ 2 Total units required for degree major
Students earning an AAAAS degree must completete a minimimum of 18 units on. 24.5 General Education requirements the multicultural graduation reauirement, an the health requirement, in addition to the program units listed here. Students
must complete a total of 60 degree applicable units to earm an A A orAS. Pleas see your counselor for additional information.

\section*{Culinary Arts}
(Certificate of Achievement)
Students who complete this program should be able to:
cording to industry standerds in food handling and, restarizant and sanitize a cording to industry standards in food handling, and restaurant service.
2. Understand and utirize the appropriate cooking methods and tech. 2. Unoerstand and utilize the according to industy standards.
\begin{tabular}{l} 
Required Courses \\
Units \\
\hline
\end{tabular}
CUL 3A Basic Food Preparation (take twice) \(\begin{array}{r}\text { Units } \\ \hline 6 \\ \hline\end{array}\) \(\cdots\)
CUL 3B Professional Baking.
CUL 54 Sanitation, Safety, and Storage....
CUL 59 Restaurant Operations (take twice)
CUL 60 Advanced Food/Catering.

Total units required.........................................................
CUL 2 Introductory Purchasing for
8 lecture hours
Transferable to CSU
Supervisory control procedures, food and labor costs, receiving accurate records for food service and hospitality professionals. (L)

CUL 3A Basic Food Preparation
18 lecture hours, 108 lab hours
Transferable to CSU
Basic modern restaurant cooking techniques such as sauce and operation of food service machines and equipment. (L)
cul 3 Adved Food Prearation 3 (L) 18 lecture hours, 108 lab hours

Completion of: CUL 3 A Transferable to CSU
Advanced modern restaurant cooking methods, such as Garde Manger, French stock and sauce making, advanced principle of meat cookery, advanced meat \& seafood fabrication and dentification, and advanced vege

CUL 4A Beginning Bakin

\section*{18 lecture hours, 101
Transferable to CS}

Modern basic baking techniques that include bread making, modern basic desserts, and pastries techniques. Preparatio takes place in the student-operated restaurant kitchen. (L)
CUL 4B Advanced Baking
3 units

\section*{Prerequisite: Satisfac}

Modern advanced baking techniques and methods including French pastry and dessert making, artisanal bread making and savory baking items in which preparation takes place
the student-operated bake shop. (L,M) he stuc
CUL 54 Sanitation, Safety, and Storage 5 unit 9 lecture hours

ServSafe Certification course and examination. The ServSafe program trains both managers and employees to guard against food borne illnesses. Meets the State of California (Campbell Bill) requirement for Certifie Food Handler Grades are P/NP. (L)

CUL 54 Sanitation, Safety, and Storage Effective Spring 2019
9 lecture hours
Preparation for the ServSafe Certification course and examination. The ServSafe program trains both manager
and employees to guard against food borne illnesses. Meet the State of California (Campbell Bill) requirement for Certifie Food Handler. Grades are P/NP. (L)
CUL 59A Basic Restaurant Operations 4 units 18 lecture hours, 162 lab hours
Set-up and operations of the campus restaurant, including planning, preparing, cooking, and serving food in the studen operated restaurant. (L)
CUL 59A Basic Restaurant Operations 4 unit Effective Spring 2019 -
8 lectur hous 22 lab hours
planning preparing, cooking and serving fod in operated restaurant.

\section*{Early Childhood Education}

The Associate in Science in Early Childhood Education ECE) is designed for students desiring an occupational or transfer course of study, providing more depth then the ECE transfer degree (ADT). This occupational course of study prepares students to work with children from birth
hrough age eight in a variety of settings.

\section*{EARLY CHILDHOOD EDUCATION}

\section*{Associate in Science)}
1. Graduate from ECE with program should be able to: .- Graduate from ECE with a clear understanding of developmentally and chidren, families, and the cocommunity in an early care and education setting Students seeking a baccalaureate in a similiar riscipline in Early Childhoo to a four year institution.
2. Proficienty design developmentally appropriate curriculum and demonstrate effective implementation using intentional teaching methods that scaffold chidreres'sco-consstruction ofknowledge through exploration, risk-taking, 3. Build pantreershivisp with local nal national and intremanational resource erganciza to grow in professional skills.
methods that support the uniquue develolopment of every of child
Required Courses
CE 1A Principles and Practices of Teaching Youth ........... 3 CE 1 B Introduction to Curriculum.
ECE 10 Health, Safety and Nutrition...
ECE 11 Observation and Assessment..
ECE 27 Teaching in a Diverse Societ
ECE 31 Child, Family, Community ECE 17 The Exceptional Child.
ECE 46 Practicum-Field Experience-preschool or
ECE 46A Practicum-Field Exp-Infant/Toddler. or ECE 46B Practicum-Field Exp-Schol Agr............ 3 or ECE 46C Practicum-Field Exp-Children With Special Needs..
Total units required for degree major.................................... 30 Students earning an \(A\) AAAS degree must complete a minimum of 18 units of General Education requirements, the multicultural yraduation requirement, and
the health requirement, in addition to th program units listed here. Students the heath requirement, in addition to the eprogram units listed Aere. Students
must complete a totat of fo 60 degree applicable unist to eam an AA orAAS. Pleas see your counselor for additional information.

TheAssociate in Science in Early Chilahood Educatio or Transfer degree provides the opportunity for students to complete theifr's degree in ECE with the California State University System.

EARLY CHILDHOOD EDUCATION (Associate in Science for Transfer) Stom ECE with a clear understanding of develon culturally appropriate practices and what it means to successstully work with children, families, and the community in an early care and education setting Students seeking a baccalaureate in a simiar discipipine in Early Chilaho
Education or Child Development will successtully complete the transterproces to a four year institution.
2. Proficienty design developmentally appropriate curriculum, and
demonstrate effective indlementation using
demonstrate e effective implementation using gitentional t teaching methods thal
scaffold dahidren'sco-construction ofnownedgot scaffold chidrern's co-construction ofknowledge through exploration, risk-t-taking
reflection, and the respectul inclusion and supporto findividual life experiences
 tions in ordertio advocate effectively for the needs of chidrren and familes and to grow in professional skills.
methods that support the unique development of every child.
Required Courses
Units
ECE 1A Principles and Practices of Teaching Youth ECE 1 B Introduction to Curriculum..
ECE 10 hid Growth and Developmen
ECE 11 Observation and Assessment
ECE 27 Teaching in a Diverse Society
ECE 31 Child, Family, Community
Total 4 Practicum-Field Experience-Preschool Total units required for degree major.
Students earming an AA-T/AS-T degree must completete 60 semester units
coursework eligibe for transfer to the \(C S U\) ind coursework eligible for rranster the the CS " indudumg the CSU GE-B or IGETC
(CSU version), al courses in the majo with "C" or better grades, and achien

\section*{Director of Private Day Care Center} Preschool Options
Requires 15 postsecondary units, the same 12 units as listed in above, plus ECE 2A Administration of C
- High school graduation or GED, and at least fourye
d child care orcomparable group child care program; or
- Associate degree with a major or emphasis in early childhood education or child development and at lea two years of teaching experience in a licensed child care center; or
- Bachelor's degree with a major or emphasis in early childhood education or child development and at leas ne year of teaching experience in a licensed child

To apply for a license to operate private day care center write to: State of California Health/Welfare Agency Department of Social Services, Community Car Licensing.

CHILD DEVELOPMENT TEACHER Certificate of Achievement)
These programs are required to possess the California Child Development (Teacher) Permit issued by Commission on of 40 total units and 175 days of experience, apply for the permit at local county schools office.

\section*{Students who complete this program should be able to: \\ 1 Demonstrate the skills needed in to tor the ECF workforce as}
2. Demonstrate their ability to identifit the theories and practices of the social emotional, creative, cogntitive and physical development of young children 3. Compore and contrast the skills necessary in working with and supporting
families, diversity and program practices.
. Demonstrate an awareness of and evaluate immortant factors in plamning in
Required Courses
ECE 1A Principles and Practices of Teaching Youth ......... CE 1B Introduction to Curriculum.
ECE 3 Child Growth and Development
ECE 7A Creative Materials.................. 10 Health, Safety, and Nutrition
ECE 11 Observation and Assessmen
CE 16 Preschool Music Activities..
ECE 27 Teaching in a Diverse Society
ECE 31 Child, Family, and Community
Total units in major required
Note on Permitthrough Credentialing:At Note on Permit through Credentialing: After completing 175 days of 3 or more hours per day of experience, you may apply for the California Child Development (Teacher) Permit issued by Commission on Teacher Credentialing through your opment Permit Matrix for required course work.

ECE Specialization Certificates of解 ent can be used as ECE Specializations when combined EE 37 (The Mentor Teacher) when applying for the Child evelopment Master Teacher Permit issued by Commission on Teacher Credentialing. For the Master Teacher Permit 350 days of 3 or more hours per day of experience is required Aply for the permit at your local County Office of Education.

\section*{CHILD DEVELOPMENT ASSOCIATE}

\section*{TEACHER}

Certificate of Training)
Students who complete this program should be able to:
1. Exhibit cultural conpotene
with respect to diversity and the ind husion of dill chidtref fintentional practice communties
2. Proficiently design developpmentally approopriate curriculum, and demonstrate
effective implemen effective implomentation using intermational teaching methods that scaffold chidrrens co-construction ofknowledge through hexploration, risk-taking,
and the repectul inclusion and supportof tind ividual life experience.
 3.Promoterigherevevesof chidieariningtrioughthe use ointerm.
methods that support the unique development of every child. 4. Use understanding of cogntitive developmment and apply it to their roles as

\section*{Required Courses}

ECE 1A Principles and Practices of Teaching Young Children.
 ECE 3 Child Growth and Developm Total units required..

\section*{ARTS SPECIALIZATION}
(Certificate of Achievement)
Students who complete this program should be able to
1. Recognize the importance of early childhood as a uniquue time in children's development that requires specialize
routines, interactions, and guidance
2. Plan and implement an arts curriculum based on ablend of foutine caregiving
and play exploration activitise
3. Learm and practice professional ethics, personal and social responsibility, and 3. Learn and practice professionale ethics, personal and social responsibility, and

Required Courses
ECE 1A Principles and Practices of Teaching Youth ECE 18 Introduction to Curriculum CE 3 Child Growth and Development CE 7 A Creative Materials..
ECE 10 Health, Safety, and Nutrition. ECE 11 Observation and Assessment ECE 27 Teaching in a Diverse Society ECE 31 Child, Family, Community
ECE 46 Practicum-Field Experience-presc.......... or ECE 46A Practicum-Field Exp-Infant/Toddler.............. or ECE 46C Practicum-Field Exp-Children With Specia. Needs...
Total units required............................................................................................. 30

\section*{CHILDREN WITH SPECIAL NEEDS}

SPECIALIZATION
(Certificate of Achievement)
1. Recognize the importance of early childhood as a u unique time in chidrren's development that requires specialized developmentally appropriate activities,
2. Platines, interd impliomementa a curriciclucum for chidren with special needs based on a
blend of routine caregiving and play'exploration activitiecis
3. Learn and practice professional elthics, personanal and social
3. Learn and practice professsional ethicic, personal and social responsibility, and
affective team membershio in their work as child care professionals

Required Courses
ECE 1A Principles and Practices of Teaching Youth ........... 3 CE 1B Introduction to Curriculum ECE 3 Child Growth and Development
ECE 10 Health, Safety, and Nutrition.
ECE 11 Observation and Asses
CE 17 The Exceptional Child

ECE 27 Teaching in a Diverse Society
CE 31 Child, Family, Community

total units require \(\qquad\)

\section*{DIVERSITY IN ECE}
(Certificate of Achievement)
Design, implempent, and evaluate eftective program practices to successtully molement culturally appropriate practicices and curriciclum in in an early childhood classroom
2. Discuss the diverse needs, characterisicics and multiple influences on the
development of chidren, bitith through age eight. as related to high puality development of chidren, birth through age eight, as related to high qualif are and education.
familial need for in intormation and support that respects and values diverss ultures, values, beliefs and behavio

\section*{Required Courses}

ECE 1A Principles and Practices of Teaching Youth
CE 18 Introduction to Curriculum.
CE 3 Child Growth and Developmen
CE 10 Creative Material
CE 11 Observation and Assessmen
CE 16 Preschool Music Activities.
ECE 27 Teaching in a Diverse Socie
ECE 31 Child, Family, Community ..
Total units required.....

\section*{NFANT AND TODDLER}
(Certificate of Achievement)
Students who complete this program should be able to:

 2. Recoognize the importance of early chichhood (emphasis on infancy) as uniqueve time in chidreren's developmenent thatrequires specialized developmenta appropriate activities, routines, interactions, and guidance
3. Plan and implement a curriculum based on a blend of routine caregiving and playyexpioration activities
4. Learn and pracacice professional ethics, personal and social responsibility, and effective team membershipsinit their work as child care profeessionals.

Required Courses

\section*{ \\ ECE 3 Child Growth and Developm.}

ECE 10 Health, Safety, and Nutrition
ECE 11 Observation and Assessment
ECE 27 Teaching in a Diverse Society.
ECE 43 Care and Education for Infants and Toddlers. ECE 33 Infants and Toddlers or
ECE 46A 42 Infant/Toddler Development
ECE 46A Practicu

\section*{PEDIATRIC FIRST AIDICPR}

\section*{(Certificate of Training)}

Students who complete this program should be able to
1. Effectively respond to common childhood injuries and illnesses.
2. Quickly assess which childhood injuries and illnesses are minor and which carry the urgency of life-threatening emergency.
3. Demonstrate critical fistaid

an epinephrine epen, bites, stings, drowning, burns, asthma, and morere
4. Demonstrate an ability to conduct CPR for chidreren and infants.
Required Courses
Units
ECE 210 California Child Care Health Safety Course........ 5

SCHOOL AGE SPECIALIZATION
(Certificate of Achievement)
Students who complete this program should be able to:
1. Design, implement, and evaluate effective school age program practices to
 2. Recognize the importance of early childhood (emphasis on school-age years) as a unique time in chidren's development that requires specialize jevelopmentally appropriate activities, routines, interactions, and guidance 3. Plan and inplement a curriculum based on a blend
versus inferiority as a guide to routines and activities

Required Courses
Units
ECE 1A Principle Practices of Taching Youth
CE 1B Introduction to Curriculum
ECE 3 Child Growth and Developmen
ECE TA Creative Materials.
ECE 10 Health, Safety, and Nutrition
ECE 14 The School Age Child
CCE 27 Teaching in a Diverse Societ
CE 31 Child, Family, and Communit
CE 46B Practicum-Fild Exp Schoo ............................... 3
Total units required...

\section*{SITE SUPERVISOR}

Certificate of Achievement)
students who complete this program should be able to:
offective implemenntation using intentintiopal teaceaching metthods that scaffostd chi ren's co-construction of knowledge through exploration risk-takkina reflecection
and the respectulu inclusion and support of individual life experiences.
2. Build partherships with local, national and intermational resource organiza
to grow in professional skills.
3. Promote higherlevels of child learning through the use of
metho 1 s that support the unique development of every child

\section*{Required Courses}

CE 1A Principles and Practices of Teaching Youth........... 3 CE 1B Introduction to Curriculum
CE 2A Administration I: Programs in Early Childhood Education.

CE 10 Health
CEE 11 Obsernation, Safy, and Nutrition
27 Teaching in and Assessmen
CE 27 Teaching in a Diverse Socie
ECE 37 Adult Supervision
ECE 46 Practicum-Field Experience-preschool or
ECE 46A Practicum-Field Exp-Infant Toddller.............. 3
or ECE 46B Practicum-Field Exp-School Age Children....

Total units required...

\section*{TRANSITIONAL KINDERGARTEN AND} EARLY EDUCATION

\section*{Certificate of Achievement)}

Students who complete this program should be able to
1. Recognize the importance of early childhood as a unique time in children's development that requires specialized de 2. Pan and implementa a curricu

\section*{playlexploration a activities
3. Learnand}
3. Learm and practice professional ethics perser

Reque teambership in their work as child care professsionals
Required Courses
ECE 1 A Principles and Practices of Teaching Youth ........... 3
 ECE 3 Child Growth and Development ECE 11 Observation and Assessm ECE 17 The Exceptional Child ECE 31 Child, Family, Community Total units required.

ECE 1A Principals and Practices o 54 lecture hours Teaching Young Children

\section*{Transferable to CSU \\ Transferable to
C-ID ECE 120}

An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-chidinteractions, and feaching strategies in supporing physical, socia, development for all children. This course includes a revie of the historical roots of early childhood programs and the evolution of the professional practices promotion advocac

Introduction to Curriculum
3 units
54 lecture hours
Prerequisite: Satisfactory completion of: ECE 1A and ECE 3 Transferable to CS
\(C-I D E C E 130\)

This course presents an overview of knowledge and skils related to providing appropriate curriculum and environments for young children from birth to age six. Students will examine jeacher's role in supporting development and fostering the assessment strategies emphasizing the essential role of play An overview of content areas will include but not be limited to: Language and literacy, social and emotional learning, sensory earning,
ECE 1C Positive Social Development

\section*{54 lecture hours}
in Young Child
ins

\section*{Transferable to CSU}

Designed to help teachers and caregivers of young childre to establish relationships with children and apply principles of behavior management. Basic principles include helping young children develop positive self-esteem, enter into group play form friendships and learn prosocial behavior. (L)

ECE 2A Administration 1: Programs
54 lecture hours
Introduction to the administration of early childhood programs, Covers program types, budget, management, regulations, laws, development and implementation of policies and procedures. Examines administrative tools, philosophies, and are and education program.

Children's Center
3 units
ure hours
rerequisite: Satisfactory completion of: ECE 2A
Transferable to CSU
This course examines administrative skills, knowledge and echniques needed for effective supervision to organize, nanage and operate a child development center. Thi emphasis on the role of program director, site supervisor or wner while studying management theory, budget, personne policies, procedures, regulatory laws, working with families

CE 3 Child Growth and Development 3 units Transfferable to CSU/U
C-ID CDEV 100
This course examines the major physical, psychosocial and cognitive/language developmental milestones fo hildren, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions
between maturational processes and environmental factors. While studying developmental theory and investigative esearch methodologies, students will observe children valuate individual differences and analyze characteristics development at various stages. Designed as a foundation and related fields. (L)
ECE 5 Physical Activities for
1 unit
18 lecture hours
Designed to give adults working with preschool and schoolge children a variety of hands on activities useful in creating equipment like bean bags and hula hoops as well as becoming tamiliar with games from diverse ethnic groups. Not open for edit to student with credit in PE 5. (L)

\section*{ECE 6 \\ Early Childhoo
Development}

54 lecture hours
Transferable to CSU
Language development and influences in early childhood of growth, stages of development, and appropriate curriculum or enhancing speaking, listening, pre-reading, and pre-writing for en
skills.

ECE 7A Creative Materia

\section*{45 lecture hours, 27 Ia
Transferable to CSU}

Creative activities for young children ( \(2-8\) years old) including the planning and implementation of painting, drawing printmaking, weaving, stitchery, batik, collage, sculpture puppet-making, and modeling materials. Not open for cre to student with credit in ART 7 or ART 7A. (L)

\section*{ECE 8 Children's Nutrition}

Basic concepts of nutrition and health issues with emphasis on nutritional needs of young children as well as planning and
implementing good nutrition programs for young children birth through eight-years-old.
ECE 9 Chile
18 lecture hours
18 lecture hours
Transferable to CSU
Process of cooking as it relates to the developmentally oriented early childhood curriculum; cooking activities that
promote language acquisition, cognitive development, psych motor skills, and social and emotional growth. Includes the importance of good nutrition education and how to prepare
nutritious snacks and simple meals. Grades are P/NP. (L)

ECE 10 Health, Safety, and Nutrition 3 units 54 lecture hours
Transferable to
\(C-I D E C E 220\)
Introduction to the laws, requlations, standards, policies and procedures and early childhood curriculum related to child health, safety, and nutrition. The key components that ensure physical heaith, mental heaith, and safety for both children an staff will be identified along wint he importance of collaboratio
with families and health professionals Focus on integrating the concepts into everyday planning and program development for all children. (L)
ECE 11 Observation and Assessment 3 unit 54 lecture hours
Transferable to CSU
C-ID ECE 200
This course focuses on the appropriate use of assessmen and observation strategies to document developmen
growth, play and learning in order to join with families and professionals in promoting children's success. Recording strategies, rating systems, porffoios, and multiple assessment tools are explore analyzed. (L)
ECE 12 Science for Young Children

\section*{18 lecture hours}

Designed to provide teachers and caregivers of young childre with principles of appropriate science curriculum. Emphasis o informal science experiences and the cognitive connection made by young children as they observe, manipulate, proces and com readily-found materiass and connections with other curriculum areas are also included.

ECE 35 Parents as Partners in ECE
54 lecture
An in-depth study of the relationship between parents, teachers and children in the education process. Topics include communication skills necessary for parent-teacher
conferences, increasing parent volunteer involvement, conferences, increasing parent volunteer involvement, family lifestyles, families with special needs, leader
advocacy. Intended for experienced teachers. (L)
ECE 37 Adult Supervision
36 lecture hours
Transferable to CSU
Methods and principles of supervising student teachers in the ECE classrooms. Emphasis is on the role of experienced classroom teachers who function as mentors to new teachers while simultaneously addressing the needs of children, parents, he State Department of Social Services. (L)

ECE 39
Children's Literature
3 units
54 lecture hours
An introduction to children's literature: history, elements, and ypes of books of interest to children from birth through twelve ears old. Students will read, share, and evaluate classical, cultural, and award-winning books. Methods of selecting an
evaluating books will be applied. (L) evaluating books will be appled. (L)
ECE 42 Infant/Toddler Developme
transferable to CSU
Astudy of infants and toddlers from pre-conception to age three including physical, cognitive, language, social, and emotiona growth and development. Applies theoretical frameworks to iterpret behavior and interactions between heredity an in development. ( \(L\) )
ECE 43 Care and Education for Infants 3 units
and Toddlers
54 lecture hours
Transferable to CSU
Study of current theory and research to the care and education of infants and toddlers in group settings. Emphasis will be placed on the essential policies, principles and practice
hat lead to quality care and developmentally appropriate curriculum for children birth to 36 months. (L)

\section*{- Preschool
18 lecture hours, 108 lab hours}

Prerequisites: Satisfactory completion of: ECE 1A and ECE 3 and ECE 1B and ECE 3
Transferable to
\(C-I D E C E 210\)
A demonstration of developmentally appropriate early Students will utilize practical classroom experiences to mak connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriente
approaches to teaching, learning and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences hat promote positive development and learning for all youn children. (L)

ECE 46A Practicum - Field Experience 3 units 18 lecture hours 108 Infant/Toddler
Prerequisites: Satisfactory completion of: ECE 1A and ECE 1 B and ECE 3 and ECE 31 and ECE 33
Transferable to Co
C-ID ECE 210
A demonstration of developmentally appropriate early childhood teaching competencies under guided supervisio connections between theory and practice, develop profession behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriente approaches to teaching, learning, and assessment and student teachers design implement and evaluate experiences that promote positive development and learning for Infants and Toddlers. (L)
ECE 46B Practicum - Field Experience - 3 units 18 lecture hours, 108 Age Childre
Prerequisites: Satisfactory completion of: ECE 3 and ECE 1 and ECE 1B and ECE 14 and ECE 31
Transferable to
C-ID ECE 210
A demonstration of developmentally appropriate early childhood teaching competencies under guided supervisio Students will utilize practical classroom experiences to mak behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment and knowledge of curriculum content areas will be emphasized that promote positive development and learning for all schoo age children. (L)

CE 46C Practicum - Field Experience
18 lecture hours, 108 lab hours
Prerequisites: Satisfactory completion
Transferable to CSU
C-ID ECE 210
demonstration of developmentally appropriate early tudents will utiing competencies under guided supervision connections between theory and practice, develop professiona chaviors, and build a comprehensive understanding children and families. Child centered, play-oriented knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences hat promote positive development and learning for all young

ECE 51 Speci
v. 5 to 2.5 units
, vis 2.5 unt the Early Childhood area indluding: curriculum caregivers位t, legislation and advocacy, licensing regulations, and ther related subjects. Students will apply the principles to seting and age groups. Grades are PNP. (L)

8 lecture hours
evelopment of effective parent-child relationships.
opics include behavior, emotions,
mmunication. Grades are P/NP. (L)
ECE 75 Play: Key to Positive Grow
Play: Key to Positive Growth \(\quad .5\) unit
ming medium; cognitive, social/emotional, and
lecture hours
Play as a learning medium; cognitive, social/emotional, an physical factors directly involved in play and child growth,
Multiple theories of play and development will be studied and analyzed. Grades are P/NP. (L)
ECE 83 Techniques of Story Telling 1 unit
18 lecture hours
hniques of Story Telling

Methods of effec
ways to develop stories. Students will produce at least one tory. Grades are P/NP. (L)

\section*{ECE 210 California Child Care}

9 lecture hours
Designed to meet the requirements of Assembly Bill 962 Subject matter relates to child day care and is appropriate or anyone dealing with children on a regular basis where
knowlegge of CPR, Pediatric First Aid, and Health and Safety Training may be needed. Satisfies all requirements of the merican Red Cross California Childcare course. Not open fo

\section*{Ecology}

Environmen
and Issues
54 lecture hours
Transferable to CSU/UC
Ecology studies the interaction and interdependence among fundamental scientific principles in examining how natural ecosystems function and how human actions affect natura ecosystems. Emphasis is placed on the role of science determining causes and in contributing solutions to local and cal
ECOL 11
54 lab hours
Environment Lab
Prerequisite: Satisfactory completion of: ECOL 10
Corequisite: Concurrent enrollment or satisfactory
ransferable to CSUIU
Laboratory and field studies demonstrating the systematic study of both the biological and physical components of ecosystems, especially as seen in local organisms and
ECOL 12 \(\qquad\) Marine Ecology
54 lecture hours
SUIUC
An introduction to the physical marine environment marine life and the interactions between the two. Course also includes are PN are P/NP option. (L)

\section*{Economics}

ECON 1A
Elementary Economics -Macro
54 lecture hours
Prerequisites: Satisfactory completion of: Math 101 or Math 101B or qualifying score on the placement test.
Transferable to CSU
C-ID ECON 202
C-ID ECON 202
An introduction to macroeconomic concepts and principles of economic analysis. Topics include: foundations of economic e, national income and employment, financial systems, policy economic growth and stability, public finance policy, economic growth and stability, public finance,
nternational trade and the position of the U.S. within the context of the global economy, World Trade Organization policies, International Monetary Fund, World Bank structure and global agricultural subsidies. (L)
ECON 1B -Micro
54 lecture hours Micro

3 units
Prerequisites: Satisfactory completion of: Math 101 or Math 01B or qualifying score on the placement test.
C-ID ECON 201
An introduction to Microeconomic concepts, principles, carcity problems and policies. Theories include: equilibrium price, supply and demand, elasticity, marginal utility, cost comparative economic systems and pricing the factors of production. Students learn to use economic principles to nalyze the economic challonges facing the individual an business organization. (L)

\section*{Education}

EDUC 1 ntrodu
With Fie

3 units
36 lecture hours, 54 lab hours
Transferable to CSU/UC
Prospective teachers are placed in selected \(K-12\) schools tha have been recognized for exemplary practices and whos content includes a review of California Standards for the Teaching Profession, review of cognitive and learning studies, current issues in K -12 education, characteristics of successfiu teachers, and eff
profession. (L)
EDUC 1

\section*{Witroduction to Teaching}

3 unit
- Effective Spring 2019

36 lecture hours, 54 lab hours and research paper. Students must be able to articulate information in a written format. Course has additiona nrollme clearance.
Transferable to CSUIUC
This course introduces students to the concepts and issues related to teaching diverse learners in today's contemporar schools, Kindergarten through Grade 12 (K-12). Topic and philosophical foundations of the American educatio system, contemporary educational issues, California content standards and frameworks, and teacher performance standards. In addition to class time, the course requires minimum of elementary classrooms that represent California's divers student population, and includes cooperation with at leas one carefully selected and campus-approved certificated

EDUC 20
1 unit
18 lecture hours
Transferable to \(C\)
,
Tutor training involving the role and function of tutoring, the phases through which each tutoring session should progress, the behaviors of tutors and tutees during tutoring activities and
the principal strategies earning is handled in tutorials. (L)

\section*{Emergency Medical \\ Technician}

The Emergency Medical Technician class prepares students to take the certification exam ards. In addition, th lass provides for review and updating of information and kills necessary for recognition and pre-hospital care of medical emergencies, satisfying State EMT-1 Refresh requirement

\section*{MT 1}

\section*{Certificate of Training) \\ Exino complete this program should be able to \\ both emergency medical care and operational aspects of the iob \\ . Demonstrate an ability to evaluate patients and dapplyll emergency yreatmen \\  required to accomplish hisher job as an EMT. \\ 4. Demonstrate knowledge of anatomy, physiology, and pathoophysilogy or
sudden illess or injury; and of the mechanics of injury for patient evaluation.}

EMT 61 Emergency Medical Technician

EMT 61
Emergency Med
Technician
cture hours, 54 lab hours
Prerequisite: Current CPR certification.
The EMT program is a comprehensive curriculum that provides nowledge and critical thinking skilis necessary to provid cademic rigor encompasses legal and moral aspects, cene safety, primary and secondary patient assessments, tervention and stabilization skills, proper use of emergency edical equipment, awareness of blood-borne pathogens and and pathophysiology of medical emergencies and traumatic jjuries. Practical skills training includes hands-on skills training and interactive simulations. This course meets EMT curriculum requirements of the California Code of Regulations Title 22, he Californa eMs Authority and the National Registry
Emergency Medical Technicians (NREMT). Upon successful completion, students are eligible to take the National Registry EMT certiffing examination and qualify for a California State

EMT 61
Emergency Medic
- Effective Spring 2019 -

112 lecture hours, 58 lab hours
Prerequisite, Satisfactory completion of: EMT 510 The EMT program is a comprehensive curriculum that provides knowledge and critical thinking skills necessary to provide Emergency Medical Care in a pre-hospital environment. and secondary patient assessments, interventions, proper use of emergency medical equipment, recognizing signs and symptoms, and pathophysiology of medical emergencies and traumatic injuries. This course meets EMT curriculum Upon successful completion, students are eligible to take the National Registry EMT certifying examination and qualify for a California EMT License (L)

\section*{EMT-1 REFRESHER}

Certificate of Training)
Students who complete this procram should be able to
1. Explain and applythe overall roles and responsibilities of fan EMT inperforming
both emergency yedical care and operational aspects of the job.
2. Demonstrata an a ability toe evaluate patients sand applyall emergency ytreatment
procedures, shot of those rendered by physcian.
procedures, short of those rendered by physicians.
3. Demonstrate an ability to use and maintain all eq
required to accomplish hisher job as an EM.
4. Demonstrate knowledge of anatomy, physiology, and pathoohysiology of

EMT 252 (EMT-1 Refresher)
Units

EMT 252 EMT- Refresher 1 unit
16 lecture hours, 8 lab hours
Prerequisite: Satisfactory completion of: FIRTC 64 or EMT 61 or current certification as EMT-1 or current CPR Certification for Healthcare Provider or Professional Rescuer
Designed to provide the student with review, up-date care of medical and traumatic emergencies. Includes AED instruction. Satisfies National Registry instruction and State requirements for EMT-1 refresher certification. Must meet above prerequistes or possess current cerlicalion as an EMT-1, current CPR
Professional Rescuer.

\section*{Engineering}

ENGR 3 Plane Surveying

4 units
54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: MATH 21
Transferable to CSU/UC Transferable to CSU/UC
This is the foundation course in surveying and geomatics fo students to the theory and practice of surveying. (L,M)
ENGR 4

\section*{Engineering Graphics}

3 units
7 lecture hours, 81 lab hours
Transferable to CSUIUC
his course covers the principles of engineering drawings in visually communicating engineering designs and an introduction to computer-aided design (CAD). Topics
iclude the development of visualization skills; orthographic projections; mechanical dimensioning and tolerancin practices; and the engineering design process. Assignments develop sketching and 2-D and 3-D CAD skills. The use of SolidWorks Engineering Design and Analysis software is an
tegral part of the course . Students will be expected to pass the CSWA exam as part of this course. (C,M)
ENGR 6 Computational Problem
3 units
6 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: MATH 1A ransferable to CSU/UC
This course focuses on numerical methods with computer application programs such as MATLAB and EXCEL to solve MATLAB is a key skill developed in this course. Problems and applications from applied math, electrical circuits, biology, and other engineering and science fields are used. Grades re P/NP option.

6 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: MATH 50 Prerequisite: Satisfactory
Transferable to CSU/UC
Exploration of the Science, Technology, Engineering and Mathematics (STEM) fields, particularly engineering, for both he decided engineering/STEM majors and others who may be curious about engineering. This course will provide the
student with added college success skills which will improve his/her chances of succeeding in a technical field such as ngineering. The course surveys the contemporary role of STEM professions in society, the engineering approach to roblem solving, the design process, and ethics/responsibilitie hands-on activities and interactive laboratories. (L,M)

ENGR 17 \(\qquad\) Circuits for Engineer

Corequisite: Concurrent enrollment or satisfactory completion of: MATH 2
This course covers introductory laws and theorems of electrical circuits; DC circuit analysis; natural and forced respons analysis of first and second-order systems; and solution the use of phasors, \(A C\) power calculations, power transfer, and energy concepts. Introduction is given to circuit devices and systems incluaing resistors, capacitors, inductors, depende sources, opera-selective circuits. (LM)
ENGR 17L

\section*{Circuits Laboratory for}

1 uni

Concurrent enrollment or satisfactory completion of: ENGR 17
Electronic and electrical experiments to reinforce the principles taught in Engineering 17 Grades are P/NP option (LM)

ENGR 35
54 lecture hour Statics
Prerequisite: Satisfactory completion of: PHYS 4 A
Corequisite: Concurrent enrollment or satisfactory completion of: MATH 1 C
Transferable to CSUIUC
This is a first course in mechanics as used in engineering with emphasis on force systems and equilibrium condition in two and three dimensions incluaing moments, couple machines centers of gravity moments of inertia, distributed forces, internal forces, friction and methods of virtual work are covered. Trigonometric and vector methods are used in this course. Understanding and application of the concep to engineering problems is a key compone
Optional topics include cable systems and Mohr's circle (L,M) ENGR 45 Propertie 54 lecture
Prerequisite Satisfactory \(C-4\) unt Transferable to CSUIUC
An introductory course in properties of materials used in engineering; emphasis on the theory underlying the behavio of engineering materials. Includes a face-to-face laborato composites, wood, and other materials. (L,M)

\section*{English}

ENGLISH
(Associate in Arts)
nho complete this program should be able to
Wake effective rhetorical choices based on an accurate analysis of hetotor-
2. Analyze and interpret works from difierent historical and cultural tradition using appropriate conventions of fiterary analysis.

\section*{3. Apply reading strategies in order to critically analyze texts.,
4. Gather, evaluate, and effectively integrate research materials}

\section*{Required Courses}

Units
NGL 1A College Composition and Reading
ENGL 1A College Composition and Reading..................... 4
ENGL 30A Introduction to American Literature I OR
ENGL 30 B Introduction to American Literature II......... 3 NGL 46A Intro to English Literature I OR
6 units from the following:
ENunts from the following:
ENGL \(1 \mathrm{C}, 22,23,30 \mathrm{~A}, 30 \mathrm{~B}, 31 \mathrm{~A}, 31 \mathrm{~B}, 36\) ENG, \(37,39,42,43,44,46 \mathrm{~A}\) or 46 B .
Tal units required for degree major................................. 6 Students earning an AAAS degree must completete a mininu................. 19 General Education requirements, the multicultural graduation requirement, and the health reauirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable
The Associate in Arts in English for Transfer degree gives students a broad based background in writing, litrature, and language analysis. It prepares students for he further study of English or a related field at a four-year school. As such, a bachelor's degree in English is a good gateway towards a career in teaching, law, technical writg, creative writing, editing/publishing, marketing, and any occupation requiring clear communication skills.

\section*{ENGLISH}
(Associate in Arts in Transfer)
1. Make effective thetoricalcl chooices based on an accurate andlys sis of hetorical context
2. Analyze and interpret works from different historical and cultural tradition using appropriate conventions of literary analysis.
3
3 Apply reading strategies in order
3. Apply yeading strategies in order to contitcally analyze texts.

\section*{Required Courses}

ENGL 30A Introduction to American Literature I OR
ENGL 30B Introduction to American Literature II......... 3
ENGL 46A Intro to English Literature I OR
List B (3 units: choose 1):
ENGL 31A Creative Writing OR
ENGL 36 American Ethnic Voices OR
ENGL 37 Women's Voices, OR
List C (3 units: choose 1):
List C ( units: choose 1):
SPECH 2 Oral Interpretation of Literature ENGL 19 News Writing and Reporting OR MCOMM 19 News Writing and Reporting OR
ENGL 34 Introduction To Film OR
THART 34 Introduction To Film OR
Total units required for degree major..
Total units requred for degree major...................................... 3
Students earming an AA-T/AS-T degree must complete 60 semenester units of
coursework eligibl for transfer to the CSU including the CSU GE-B
(CSU version), all courses in the maior with "c"" or better r rades and achiove
a minimum transferable cumulative GPA of 2.0 .


\section*{ENGL 1A \\ College Composition
and Reading}

72 lecture hours and Reading
Prerequisite: Satisfactory completion of: ENGL 51 or ENGL 56 or satisfactory score on placement exam.
Transferable to
C-ID ENGL 100
Development of analytical reading and the writing of college level essays, including critical analysis, rhetorical forms, and
collegiate research. (L)
ENGL 1B \(\left.\quad \begin{array}{l}\text { Critical Thinking \& Writing } \\ \text { About Literature }\end{array}\right) 3\) units
54 lecture hours
About Literature
Prerequisite: Satisfactory
ransferable to CSU/UC
Transferable to
C-ID ENGL 120
Critical thinking and writing about literature; develops critical hinking, reading, and writing skills applicable to the analysis of prose, poetry, drama, and criticism from diverse cultura
sources and perspectives; emphasis on the techniques and principles of effective written argument; some research equired. (L)
ENGL 1C Critical Thinking/Advanced 3 units
54 lecture hours
Prerequisite: Satisfactory completion of: ENGL 1A
ransferable to CSUIUC
ID ENGL 105
Principles of critical thinking, reading, and writing beyond feshman composition; focuses on the principles of, and argumentative writing, and on the principles of rhetoric (invention, arrangement, style, memory, delivery, modes of discourse, audience). (L)

ENGL 19 New
4 lecture hours
News Writing and Reporting 3 units
requisite: Satisfactory completion of: ENGL 51
erable to CSU/UC
CID JOUR 110
Recognizing, gathering, and writing the news in accepted journalistic style, learning to conduct personal interviews and cover speeches, meetings, and other events, understanding he legal and ethical issues related to reporting; emphasis on language and style, accuracy in news gathering, and research to students with credit in MCOMM 19. (L)
ENGL 20A News Med
81 lab hours
Prerequisite:
for ENGL 1 A
or ENGL 1A
Transferable to CSU
Weekly production of the Yuba College student online news source and quarterly production of the Yuba College student
news magazine. Students will learn journalistic standards media ethics, researching, reporting, writing, and copy editing for basic news stories, features, and opinion, as well as basic page layout and design for both print and online publications.
(L) 27 lecture hours, 81 lab hour
Prerequisite: Satisfactory completion of: ENGL 20A or Transferable to CSU
Weekly production of the Yuba College student online news source and quarterly production of the Yuba College studen news magazine. Students will learn journalistic standards, media ethics, researching, reporting, writing, and copy editing
for specialized and in-depth news stories, features, and opinion; advanced page layout and design for both print and online publications, and editorial leadership. (L)
ENGL 20C News Me
1 lab hours Prerequisite:
MCOMM 20B
Transferable to CSU
Weekly production of the Yuba College student online new nours magazine. Students will nof the Yuba College stude media ethics, researching, reporting, writing, and copy editing for investigative news stories, features, and opinion journalistic use of
leadership. (L) ENGL 30A

54 lecture hours Introduction
Literature I
54 lec
Prerequiste: Satisfactory completion of: ENGL51 or eligibility
for ENGL 1A Transferable to CSU/UC
C-ID ENGL 130
A survey of American Literature from its beginnings in 1620
to 1865 . This course evolution of literary traditions, contexts, and genres during that time period. Writers include, among others, Bradstreet, Taylor, Franklin, Emerson, Thoreau, Hawthorne, Melville, Poo Whitman, Dickenson. Special atertion wh be paid to maj ENGL 30B

\section*{Introduction to American 3 units} 54 lecture hours

\section*{Literature II}

Prerequisite:
for ENGL 1 A
or ENGL 1A Satisfactory completion of: ENGL51 or eligibility
Transferable to CSU/UC
C-ID ENGL 135
A survey of American Literature from 1865 through the early Twenty-first Century. Writers covered include, amone
others, Clemens, DuBois, James, Wharton, Frost. Faulkner Hemingway, Hughes, Brooks, Wright, Roth, Rich, and Morrison. (L)

ENGL 46B Introduction to English
54 lecture hours
Prerequisite: Satisfactory completion of: ENGL 51 or eligibility for ENGL 1A
Transferable to CSU/UC
Cransferable to
Survey of English Literature from the end of the 18 th Century to the present; writers include, among others, Blake, Wordsworth,
Coleridge, Tennyson, Arnold, Joyce, Yeats, and Eliot; special attention paid to major literary genres. (L)
ENGL 51
Preparatory Composition 4 units
and Reading
72 lecture hours
and Reading
sfactory completion of: ESL 105 or ENGL or by placement exam
mproving reading skills and writing pre-college level essays; cludes basic writing elements, rhetorical modes, and a review of sentence structure and mechanics. (L)

ENGL 56
Accelerated Preparation for 5 unit
0 lecture hours College Composition and Reading
Accelerated preparation for College Composition and Reading English1A). Intensive instruction in the academic mindsets, asocing, reasoning, and writing expected in transfer and cademic reading of college-level texts and write a minimum f 10,000 words. Successful completion allows students to enroll in English 1A.
ENGL 105
Pre-Collegiate Composition
4 units
72 lecture hours
and Reading
his pre-collegiate course, two levels below College composition (English 1A), requires students to develop strategies for reading, analyzing and responding to texts in
order to write coherent essays. Students will practice academic reading strategies, using rhetorical strategies, and writing as a process. Students will also learn to edit their writing according ostandards of written English

\section*{English as a Second Language}

ESL 40A
4 lecture hours
Low-Advanced Grammar 3 units Transferable to CSU/UC - U/C Unit Limit
Low-advanced grammar for ESL students. This course troduces students to a theme-based grammar and teache hem to read, write, and speak English with grammatical accuracy and fluency in real-life contexts. Includes a functiona \(516 \mathrm{~A} / \mathrm{B}\), or ENG \(105 / 51 / 56 / 1 \mathrm{~A}\) is highly recommended.
SL 40B
Advanced Grammar
4 lecture hours
Advanced Grammar 3 units
Prerequisite: Satisfactory completion of: ESL 40A or ESL 540A or by placement exam.
ransferable to CSU/UC - U/C Unit Limit
dvanced grammar for ESL students. This course introduces ead, write, and speak English with grammatical them to and fluency in reallife contexts. Includes a functional study of both nominal and adjectival phrases and clauses, articles, ESL 116AB ESL 516 A/B, or ENG 105/51/56/1A is highly recommended.

ESL 40C
54 lecture hours
Prerequisite:Satisfar 3 units or by placement exam
Transferable to \(C S U\)
High-advanced grammar for ESL students. This course introduces students to a theme-based grammar and teaches hem to read, write, and speak English with grammatica accuracy and fluency in real-life contexts. Includes gerund Concurrent enrollment in ESL 116A/B, ESL 516A/B, or ENG 05/51/56/1A is highly recommended.
ESL 116A
Academic Reading and
72 lecture hours Writing for ESL 1 enrollment in 40A, 40B, and/or 40C recommended.
ESL 116B
Academic Reading

4 units
72 lecture hours Writing for ESL 2

Prerequisite:Eligibility for ESL 116B on Placement Exam Score This course emphasizes the development of reading and and clauses and clauses, grammar and mechanics, paragraphs, summary response short essays, the writing process, and small group
and whole class work to strenthen basic reading skills and to make inferences and to read critically.

EVELS OF SEQUENCE OF
ENGLISH AS A SECOND LANGUAGE (ESL) COURSES


ESL \(212 \begin{aligned} & \text { Low-Beginning } \\ & \text { Listening and Pronunciation }\end{aligned} \quad 3\) units \(\left\lvert\, \begin{array}{llll}\text { ESL } 224 & \begin{array}{c}\text { English Conversation, } \\ \text { Level 2 }\end{array} & 2 \text { unit }\end{array}\right.\)
54 lecture hours \(\qquad\)
Listening and pronunciation for low-beginners. Emphasis on increased listening comprehension and oral fluency of simple spoken English in common daily personal communication. Novice vocabulary and structures. Concurrent enrollment in
ESL 213/513, 214/514, and \(215 / 515\) is highly recommended

ESL 213
Low-Beginning Grammar 3 units
The first course in basic grammar for low-beginning ESL students. This course introduces students who have very containing the verbs BE and HAVE, simple present tense, and present continuous tense. Concurrent enrollment in SL 215/515, ESL 212/512, and ESL \(214 / 514\) is highly ecommended.
ESL \(214 \underset{\substack{\text { English Conversation, } \\ \text { Level } 1}}{ } \mathbf{2}\) units
36 lecture hours
Pair, small and large group discussion for Limited English roficient students, including personal and family information, daily activities, and other subjects of interest; relevant courses. Grades are P/NP.

ESL 215
Integrated ESL
5 units
0 lecture hours
anguage development for low-beginning, limited English peakers. Concentration on all language skills--reading, course in a series of six. Prepares students for ESL 225/525
and other level two ESL courses.
ESL 222
Beginning Listening
and Pronunciation
3 units
54 lecture hours
Prerequisite: Satisfactory completion of: ESL 212 or ESL 512 or by placement exam.
This course covers listening and pronunciation for beginners, and oral fluency of simple spoken English in common daily personal and academic communication. Concurrent enrollment ESL 223/523, 224/524 commended.

ESL 223
Beginning Gramma
3 units
54 lecture hours \(\qquad\)
Prerequisite: Concurrent enrollment in ESL 225
222/522, and/or \(224 / 524\) is highly recommended. Beginning grammar for ESL students. This course introduces students who have little background in English to basic simple sentences and short paragraphs in simple present, present
continuous, and simple past tenses.

36 lecture hours Level 2
Prerequisite: Satisfactory completion of: ESL 214 or ESL 514 The second course in conversation for low-beginning ESL students. Builds on basic listening and speaking skills using everyday conversation in small groups and one-on
one. Emphasis on listening comprehension, pronunciation, intonation, and role-playing simulations. Students will furthe develop English vocabulary and grammar necessary for successful communication. Topics include comparison of students' and American cultures, geographic directions,
clarification techniques, and other subjects of interest. Concurrent enrollment in ESL 225/525, 222/522, 223/523 and \(226 \mathrm{~L} / 526 \mathrm{LR}\) is highly recommended.
ESL 225

\section*{Integrated ESL
Skills, Level 2}

5 units
90 lecture hour
\[
\begin{aligned}
& \text { Integrated ES } \\
& \text { Skills, Level } 2
\end{aligned}
\]

Prerequisite: Satisfactory completion of: ESL 215 or ESL 51 or by placement exam.
Language development for beginning, limited English listening, speaking, and grammar. This is the second course in a series of six. Prepares students for ESL 235/535 and other level three ESL courses.
ESL 226L
English as a Second
54 lab hours
Language Lab, \(1 \quad 1\) unit
54 lab hours
Supplements English as a Second Language Levels 1 through 3 courses by providing additional academic support, practice,
and exercises in grammar, reading, writing, vocabulary listening comprehension, pronunciation, speaking and conversation. Students receive individualized and group instruction under supervision as needed. Grades are P/NP. ESL 229AC Computer Skills for 3 units
54 lecture hours
Provides students with basic computer and word processing skills necessary to type simple documents, use software and
perform research related to employment. Additionally students will work on English skills, such as reading, vocabulary development and pronunciaion, using vocationally-relate software in such fields as auto, healthcare, office, clerical
food service and construction. Intended for non-native English speaker with at least low-intermediate English proficiency Concurrent enrollment in Level 3 ESL courses (e.g., ESL 232 235) is highly recommended

ESL 233
54
lecture hours
High Beginning Grammar 3 units Prerequisite: Satisfactory completion of: ESL 223 or ESL 52 or by placement exam.
High-beginning grammar for ESL students. This course simple sentences and short paragraphs in simple past and past continuous tenses. Concurrent enrollment in ESL 235/535, 232/532, and/or 234/534 is highly recommended.

90 lecture hours
Integrated ESL
Skills, Level 3
5 units Prerequisite: Satisfacto
or by placement exam.
Language development for high-beginning limited English speakers; concentration on all language skills: listening speaking, reading, writing, and grammar. This is the third ESL level four courses.
ESL 239ECE English Skills for Parents 5 units 90 lecture hours
and Child Care Providers
90 lecture hours
tory completion of: ESL 225 or ESL 525 or by placement exam.
This high-beginning course develops oral and written communication skills in standard English within the context of child care, child rearing, and parenting. Students develop and practice the listening, speaking, reading, and writing skills stages of development on topics including day-to-day care, health, and safety. This course is intended for non-native peakers of English who are parents, grandparents, child are providers, preschorse is recommended for non-native peakers at high-beginning level. It is recommended that tudents enroll in or have successfully completed ESL \(235 / 535\). ESL 239MAT The Language of Arithmetic 5 units

90 lecture hours
for ESL Students
rerequisite: Satisfactory completion of: ESL 223 or ESL 25 or ESL 523 or ESL 525 . Other: (Placement Exam Score) ESL 223/523 and/or 225/525 that they have achieved a high eginning competency of English to better their chances success in this course. Not open to students who have placement exam
This course is intended to develop the abilities of speakers of other languages and cultures to (1) read and comprehend, (2) write in words, numbers, and notations, and (3) verbally xpress the language of arithmetic necessary for appropriate omputations using whole numbers within standards of the limited to addition, subtraction, multiplication, and division. ESL 243 Low Intermediate Grammar 3 units 4 lecture hours Prerequisite: Satisfacto
or by placement exam.
exam. N-intermediate grammar for ESL students. This course ompound and complex sentences in past, present, and future enses. Concurrent enrollment in ESL 242/542, 244/544, and SL \(245 / 545\) is highly recommended.

ESL 245
Integrated ESL
Skills, Level 4
36 lecture hours (2 units)
54 lecture hours ( 3 units)
90 lecture hours (5 units)
Language development for intermediate limited English speakers. Concentration on all language skills-listening speaking, reading, writing, and grammar; preparation
continue college course work. (Last in a series of four courses.)
ESL 246L
English as a Second
1 unit
54 lecture hours Language Lab, 2 6 courses by English as a Second Language Level 4 through exercises and oviding additional academic support, practice, writing, vocabulary, listening comprehension, pron, uncaation, and conversation. Students receive individualized and grou instruction under supervision
ESL 249COM Computer Skills for
3 units

\section*{54 lecture hours} Computer Skilis for

Provides students with the basic computer and word processing skilis necessary to format, type, retrieve, and revise perform basic research related to their academic needs and tuture employment using the internet. Additionally, students wil work on English skills, such as reading and following direction (both reading and listening), and development of vocabula related to computers. Intended for non-native English speake enrollment in Level 4 ESL courses (e.g. 245,243 ) is strong recommended.
ESL 253
54 lecture hours
Intermediate Grammar 3 unit Prerequisite: Satisfact
or by placement exam
mpletion of: ESL 243 or ESL 543 intermediate grammar for ESL students. This course introduce complex sentences in praphs containing compound and complex sentences in present, past, and future tenses
Concurrent enrollment in ESL \(255 / 555\) or \(258 / 558\), and ESL \(252 / 552\) is highly recommended.

\section*{ESL 255}

Integrated ESL Skills, Level \(5 \quad 5\) units 90 lecture hours
factory completion of: ESL 245 or by placement exam.
Language development for high-intermediate limited English speakers. Concentration on all language skills - reading writing, speaking, listening, and grammar. This course is
fifth in a series of six integrated skill courses (215, 225, 235, 245, 255, and 265) leading to a certificate of completion in English at the high-intermediate level.
ESL 258
Intermediate Writing
4 units
 or by placement exam.
Writing for intermediate ESL. Develops ability to write more detailed paragraphs using simple and compound sentence Concurrent enrollment in ESL 253/553 and 255/555 highly recommended.

\section*{SL 259 Language of Math
for ESL Students}

54 lecture hours arize speakers of other languages with the anguage of basic mathematics as needed in dealing with whole numbers, addition, subtraction, multiplication, divisio

ESL 259EMP English for Employment 3 units
54 lecture hours
repares students for vocational training and/or employment. hcludes vocabulary for the world of work and skill developmen native English speakers with at least intermediate Englis proficiency. Concurrent enrollment in ESL 252, 253, 257, 25 and/or 255 and above is highly recommended. (L,C)
ESL 259MAT The Language of Mathematics 3 units 54 lecture hours
\[
\begin{aligned}
& \text { The Language of } \\
& \text { for ESL Students }
\end{aligned}
\]

Prerequisite: Satisfactory completion of: ESL 233 or ESL 235 r by placement exam.
This course develops the English speaking abilities of nonnd vocabulary of mathematicaly in regards to the language educational system. Students will learn to read, write, and verbally express mathematical words, numbers, and notations.

ESL 263 \(\qquad\) High Intermediate Grammar 3 units
4 lecture hours
Thermate Grammar 3 units
Prerequisite: Satisfactory completion of: ESL 253 or ESL 553 by placement exam.
High-intermediate grammar for ESL students. This course compound and complex sentences in present, past, present perfect, and future tenses. Concurrent enrollment in ESL . 2 is highly recommended.

ESL 265 \(\qquad\) Integrated ESL Skills, Level 65 units
Prerequisite: ESL 255 or by placement exam
Language development for high-intermediate limited English writing, speaking, listening, and grammar. This course is the last in a series of six integrated skill courses ( \(215,225,235\), 245,255 , and 265 ) leading to a certificate of completion in English at the high-intermediate level. Prepares students for college-level courses.

ESL 268
High-Intermediate Writing
2 lecture hours
factory completion of: ESL 258 ESL 558
or ESL 255 or ESL 555 or by placement exam.
Writing for high-intermediate ESL students. Further develops ability to write longer, correctly formatted paragraphs and hort compositions with simple, compound, and complex sentences using proper grammar, speling and verb tenses recommended.

\section*{Ethnic Studies}

ETHN 1 Introduct
Studies
54 lecture hours Studies
Transferable to CSU/UC
Emphasizes an interdisciplinary analysis of historical, socio political, economic, educational, and cultural conditions relate to the Chicano population in the United States. The focus
on the past and contemporary Chicano social movements and the intersections of race/ethnicity, class, and gender. Not open for credit to students with credit in LARAZ 1. (L)

\section*{Fire}

\section*{Technology}

\section*{FIRE TECHNOLOGY}
(Associate in Science)
1 Apoly mocompliete his program sho
ting theories, principles, and concepts to
2. Analyze, inteppert, and evaluate
policies, practices, and procedurres to do develop strategies to prevent, contre
3. Discuss the role of the fire sevice in the community and the importance of
its Mission Statement

Required Courses
Units
FIRTC 1 Fire Protection Organization \(\begin{array}{r}1 . . . . . \\ -\quad 3 \\ \hline\end{array}\) FIRTC 2 Fire Prevention Technolog FIRTC 3 Fire Protection Equipment and System
FIRTC 4 Building Construction for Fin FIRTC 5 Fire Behavior and Combustion
FIRTC electives
Total units required for degree majo
\begin{tabular}{l} 
Studdnts earning an AAAAS degree majee must comple............................ 18 \\
General Eduction \\
\hline
\end{tabular}
General Education requirements the multicultural graduation reauirement, and
the health reauirement, in addition to the procram unis sisted dere Stud
the heath requirement, in addition to the program units listed here. Studen
must complete a total of 60 degree applicable units to earm an A A orASS. Plea
see your counselor for additional information
Additional Recommended Courses
BIOL 5 Human Physiology
BCA 15 Business Computer Application.............................. CHEM 2A Introduction to Chemistry...
CWEE 45 Occupational Work Experience
EMT 61 Emergency Medical Technician I

\section*{FIRST RESPONDER}

Certificate of Training)
Required Courses
FIRTC 205 Emergency Response.

\section*{FIRE TECHNOLOGY}

\section*{(Certificate of Achievement)}
studenis who complete this program should be able to.

\section*{address realllite sitioretectionfitive-figh}
2. Analyze, interpretet, and evaluate prevention/protectionfiriefighting theorie 2. Annalyze, ititepret, and evaluate prevention/protectectionfire fighting theories, and fight fires.
3. Discuss the role of the fire service in the community and the importance of

Required Courses
FIRTC 1 Fire Protection Organization
FIRTC 3 Fire Protection Equipment and Systems
FIRTC 4 Building Construction for Fire Protection
IRTC 5 Fire Behavior and Combustion
RTC Electives
Plus 6 units from the following:
AJ 10 Introduction to Criminal Justice System.... 3
ENGL 1 A College Composition and Reading OR ENGL 51 Preparatory Composition and Reading ........ 4 PECH 1 Public Speaking

\section*{FIRE FIGHTER I ACADEMY}

The Fire Fighter I Academy is an intensive training program which academically prepares students for entryevel jobs in the fire fighting field. The California State Fire Fighter I curriculum and Emergency Medical Technician guidelines are followed throughout the program and cove the basic skills and knowledge needed to work in the fir age may enroll in the academy they must be 18 years of ge or older to complete the EMT portion of the class and successfully complete the academy. Students must also provide a physician's approval to participate in the physical raining portion of the academy

Students who successfully complete the academy may be certified by the State of California after completing either one year as a volunteer fire fighter or six month assist graduates of the academy in obtaining the required experience at a California fire department, Yuba College also offers the Fire Technology Practicum

\section*{FIRE TECHNOLOGY-FIRE ACADEMY} Associate in Science)
1 Aucenis who complete this program should be able to.
1. Analyze the elements of firefighter safety and su
prevention, friefighting, and the types of fire apparatus.
2. Demonstrate the ability to analyze, appraise and evaluate fire and emergency
incidents and identify components of emergency management and fire fighter saferty.
3. Demon
Required Course
FIRTC 64A Fire Fighter 1 Academy Module A and
FIRTC 64B Fire Fighter 1 Academy Module B ................ 26 Students earning an AAAAS degree must complete a minimum of 18 units the heath requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Plea

\section*{FIRE TECHNOLOGY-FIREFIGHTER}

ACADEMY
Certificate of Achievement)
Students who comple Ahis neev
1. Analyze the elements of firefighter safety and sunv
prevention, firefighting, and the types of fire apparatus.
2. Demonstrate the ability to analyze, appraise and evaluate fio incident
safety.
safely. Demonstrate knowledge and understand of the fire service industry.
Required Course
FIRTC 64 Fire Fighter I Academy _._.................. 26
Other Certificates of Training that students may earn within the Fire Fighter I Academy include the following:

Basic Incident Command System - ICS 200 (Certificate
f Training)
Emergency Medical Technician I (Certificate of Training)

FIRTC 1 Fire Protection \&
54 lecture hours
transterable to CSU protection and related fields; philosophy and history of fire protection, fire loss analysis; organization and function of ublic and private fire protection services; fire department as fart of local government; laws and regulations affecting the unctions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics.
FIRTC \(2 \quad\) Fire Prevention Technology 3 units 54 lecture hours
Iransferable to CSU
Provides fundamental information regarding the history and philosophy of fire prevention, organization, and operation o
a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationship of fire prevention with fire safety education, detection, and suppression systems

FIRTC 3
Fire Protection Equipment 3 units
54 lecture hours
Transferable to CSU
Provides information relating to the features of design and peration of fire detection and alarm systems, heat and smoke ontrol systems, special protection and sprinkler systems, ater supply for fire protection and portable fire extinguishers.

IRTC 4

\section*{Building Construction}

3 units
54 lecture hours
Fundamentals of building construction that relate to fire safety. The elements of construction and design of structures are hown to be key factors when inspecting buildings, preplanning re operations, and operating at fires. The developmen and evolution of building and fire codes will be studied in
elationship to past fire and residential, commercial, and industrial occupancies. Not open for credit to students with credit in FIRSC 27. (L)
FIRTC 5 Fire Behavior

\section*{Fire Behavior
and Combustion}

54 lecture hours
Transferable to CSU
Theory and fundamentals of how and why fires start, spread and are controlled; an in-depth study of fire chemistry and and fire control techniques. Not open for credit to students with credit in FIRSC 13. (L)

\section*{FIRTC 6}

Principles of Fire and
54 lecture hours mergency Services Safety

Transferable to CSU
This course introduces the basic principles and history related oo the national firefighter life safety initiatives, focusing on he need for cultural and behavior change throughout the mergency servic
FIRTC 63A
36 lecture ho Driver/O
Other: Valid Class B driver's license
Designed to provide the suense
Designed to provide the student with driving technique
for emergency vehicles and includes basic inspalion maintenance of equipment. Course involves actual driving exercises under simulated emergency conditions. This cours is a componento hee Calformia sta
FIRTC 63B
Driver/Ope
36 lecture hours, 4 lab hours
Designed to provide student with the theory, methods, types of pumps, engine and pump gauges, maintenance unsafe pumping conditions, pressure relief devices, cooling systems, water supplies, drafting, field hydraulics and pumping operations. This course is a component of the California Sta

\section*{FIRTC 64}

Firefighter I A
222 lab hours
398 lecture hours, 222 lab hours
Other: Must be 18 years of age order portion of the class and successfully complete the academ. hysician's clearance is required
Provides student with the basic skills and knowledge to work and emergency medical tornia State FMrefignter I curriculu followed. Provides training in basic concepts including fire department organization, fire control, equipment operation, appevention, protection, hose, nozzles, and breathin

FIRTC 70 \(\qquad\)
40 lecture hours
Management \(1 \quad 2\) units
Designed to prepare or enhance the first line supervisor's ability to supervise subordinates in a fire service setting Course addresses decision-making, time managemen leadership styles and theories, developing teams, personne evaluations and counseling guidelines. This course is one of ten components of the California Fire Service Training an
Education System classes needed for Fire Officer certification (L)

FIRTC 71A \(\qquad\)
F
Fire Instructor 1A
2 units
Designed to prepare individuals to teach technical subje matter to fire service personnel. Course introduces types of learning, levels of instruction, testing, establishing cours objectives, and developing lesson plans. This course is on
of ten components of the California Fire Service Training and of ten components of the California Fire Service Training an
Education System classes needed for Fire Officer certification Education System classes needed for Fire Officer certificatio
Not open for credit to students with credit in FIRSC 71. (L)

\section*{FIRTC 71B
40 lecture ho \\ Fire Instructor 1 \\ 0 lectur}

Prerequisite: Satisfactory completion of: FIRTC 71A esigned to prepare individuals to teach technical subiect matter to fire service personnel. Course includes development job sheets, technical lesson plans, various types of xaminations, group instruction techniques, and methods to valuate instruction. This course is one of ten components the California Fire Service Training and Education Systed to students with credit in FIRTC 72. (L)
FIRTC 81 Basic Incident
8 lecture hours
Designed to provide the student with a basic understanding of the Incident Command System (ICS). This course cover CS. This course meets the State Fire Marshal's standards of
-200 training. (L)
FIRTC 82 Command
27 lecture hours
Prerequisite: Satisfactory completion of: FIRTC 8
esigned to provide the student with an expanded understand description and detaii of the organization and operation of the CS. This course covers modules 7-11 and includes: duties f all positions, developing the system within a Unified ComOperations support, and the principles involved in incident o vent planning. This course is one of the ten components of e California Fire Service Training and Education System

FIRTC 84

\section*{Low Angle Rope}

2 lecture hours, 12 lab hours
esigned primarily for those working in the fire service but is on to anyone. This course will equip the student with the echniques and methods for using rope, webbing, hardwar dich devices, and inters in low angle rescues. Areas covered clude: rope and related equipment, anchor systems, safet ystems along with single line and two line rescue systems pon successful completion of the course, students will receive State Fire Marshal certification. Grades are P/NP. (L)
FIRTC \(85 \quad\) Wildand Firefighting
24 lecture hours, 16 lor Volunt hours
Designed primarily for volunteer and local governmen firefighters who respond to wildland fires. Covers wildland strategies, tactics, and basic fire behavior. Students will participate in a simulated wildfire exercise/event. Grades are P/NP. (L)

FIRTC 206
\begin{tabular}{l} 
Hazardous lecture hours, 4 lab hours \\
\hline
\end{tabular}
Desinged pin fily fist Res of exposure to toxic subtancesponders who are at risk physiological effects of hazardous materials. Designed to develop new First Responder attitudes toward health and safety and to increase safe behaviors in responding to hazardous material incidents. Upon completion of the Specialized Training Institute). Grades are P/NP. (L)

\section*{French}

\section*{FRNCH Eleme}

72 lecture hour
Transferable to CSU
Introduction to the language and culture of the French speaking world It includes the development of listenin speaking, reading and writing French with an emphasis on the communicative skills, as well as the fundamentals French grammar. Th FRNCH 2

Prerequisite: Satisfactory completion of: FRNCH 1 or Othe Prerequisite: One year of high school French. or Placement exam: Students must score \(70 \%\) or higher on a placemen est administered by the Foreign Language Department. O by placement exam
Transferable to CSU
ransferable to CSU
A continuation of French 1 Provides further basic communication skills through listening, speaking, reading and writing. It includes practice at the intermediate level and review of the fundamentals of French grammar. (L)

\section*{GENERAL BUSINESS}
(See Business)

\section*{General \\ Education}

The General Education area major is approved by the California Community College Chancellor's Office and is designed to provide students with the opportunity to ear broad area of study. Students who wish to transfer to four-year college or university should consult with a counelor prior to begining one of these majors for appropriat ourse selection.

Note: These majors will be printed on the diploma ne of these General Education degrees may be earned

For the General Degree, you will need to complete ne of the five areas listed. You may select the genera education major of
1. ARTS \& HUMANITIES -- Associate in Arts Degree

SOCIAL AND BEHAVIORAL SCIENCES -- Associat in Science Degree
3. NATURAL SCIENCE -- Associate in Science Degree
4. COMMUNICATION -- Associate in Arts Degree

\section*{ARTS \& HUMANITIES}

Associate in Arts Degree):
This degree emphasizes the study of cultural, literary, humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people through the ages in different cultures hav artistic and cultural creation. Students will learn to value aesthetic understanding and incorporate these concepts when constructing value judgments.
Students who complete this program should be able to:
1. Demonstrate an awareness of diverse hum
them through artistic and cultural creation.

2 Evaluate and interret the ways in which. cultures have respon
and cultural creation.
and the world around them in artistic 3. Valte aestreicic understa
structing value iudgments.

Students must complete 18 units from at least thre the areas listed below. Couses must be complete with a "C" or higher grade.
Art 1A, 1B, 1C, 3A, 3B, 5, 3
Asian American Studies 31
Early Childhood Education 39
English 1B, 2, 30A, 30B, 31A, 31B, 33, 34, 36, 37, 42 46A, 46B
French 1, 10
History 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B Humanities \(3,5,10,11,12,15,20,26 \mathrm{~A}, 26 \mathrm{~B}, 31,33,34\) Music 1, 1A, 1B, 3, 8A, 8B, 12,15, 16
Philosophy 1, 2, 3, 20
Sign 1, 2, 3
Spanish 1, 2, 3, 4, 10, 20A, 20B, 35, 36
Speech 2
Theatre Arts 10, 33, 34
Students earning an AAAS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, and
the healt requirement , in addition to the program units sisted here. Students the heath reauirement, in addition to the program units listed here. Students
must complete atotal of 60 dedree applicable units to earm an AA orAS. see your counselor for addifitional information

\section*{COMMUNICATION}
(Associate in Arts Degree):
This degree emphasizes the content of communication as well as the form and should provide an understanding of the psychological basis and social significance of communication. Students will be able to assess communication as the process of human symbolic interaction. Students \(w\) also develop skils in the areas of reasoning and advocacy Students will be able to integrate important concepts critical thinking as related to the development of analysis, critical evaluation, to reason inductively and deductively that will enable them to make important decisions regarding their own lives and society at large.
Students who complete this program should be abl to:
1. Demonstrate the Ability to Accomplish Communicative
2. Create Messageses Appropriate to the audience, purpose, and contexx
2. Create MessagesApApropicial

Students must complete 18 units, selecting a east one course from each of the areas listed below. mpled with a "C" or higher grade.

English 1A, 1B, 1 C
Philosophy 12
Speech 1, 3, 6, 7, 9
Students earning an AAAS degree must complete a minimum of 18 units of General Education requirements, the multiculturala graduation requirement, and
 must complete a total of 60 degree applicable units to earm an AA or AS. Pleas
see your counselo f or additional information.

NATURAL SCIENC
(Associate in Science Degree)
This degree allows the student to take courses that will prepare them for possible majors within the fields of science, including the allied Health fields, nursing prepara-

\section*{ts who comple should be able el}
2. Communicate scientifici ideas and p priciopiles clearly and effectively.
3.Analyze and apply fundamental mathematical physical and chemicalconcel

\section*{and techniques to scientifici issues.}

Stuponits must complete 18 units stom trat least three of the areas listed belon Atleast one course MUSTbe selected from Mathematics or Statistics. Courss must be completed with a "C" or higher r rade.
Anthropology
Astronomy 1,11
Biology 1, 2, 3, 4, 5, 6, 10, 10L, 11, 15, 25
Chemistry 1A, 1B, 2A, 2B, 10
Ecology 10, 11, 12
Geography 1
Geology 10, 10L, 11
Mathematics 1A, 1B, 9, 10, 15, 16, 21, 25
Physical Science 10A, 10B, 10C
Physics 2A, 2B, 3A, 3B, 4A, 4B
Plant Science 20, 20L, 22, 22L

\section*{Statistics 1}

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirem ents, the multicuturaragraacuation requirement, and the health requirement, in addition to the program units isted here. Studenis see your counselor f for addlitional i information.

\section*{SOCIAL AND BEHAVIORAL}
(Associate in Science Degree)
This degree emphasizes the perspective, concepts heories and methodologies of the disciplines typically found Social and Behavioral Sciences. Students will study about hemselves and as members of a larger society. Topics and iscussion to stimulate critical thinking about ways people ave acted in response to their societies will allow student evaluate how societies and social subgroups operate.

\section*{Employ concents and research methodo bo able to}
.Employ concepts and research methodologies from a variety of social and
2. Demononstrate understanding of how the self is shaped by membership modem society.
3. Demonstrate understanding of and ability to delineate how different socia
subgroups have responded to thei socies suugroups s ave res
cutural conditions.

Students must complete 18 units from at least three of the areas iisted below. Courses must be completed with a "C" or higher grad
Administration of Justice 10
Anthropology 2, 3
Early Childhood Education 3, 31
Economics 1A, 1B
Ethnic Studies 1
Geography 2
History 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B Mass Communications 2
Political Science 1
Psychology 1A, 12, 22, 31, 33, 41, 46
Sociology 1, 2, 5, 10, 30
Speech 8
Students earning an AAAAS degree must complete a minimum of 18 units of Generara Education requirements, the multicultural graduation requirement, and
the heath requirement, in addition to the program units listed here. Studens at omplete atotal of 60 degree applicable units to earm an AA orAS. Plea see your counselor for additional information

\section*{Geography}

GEOG 1 Physical Geography
54 lecture hours
Transferable to CS
C-ID GEOG 110
A spatial study of Earth's dynamic physical systems and processes. Topics include maps, earth-sun relations, weathe climate, water, landforms, soils, and the biosphere. Emphasis is on interrelationships among systems and processes and
their resulting patterns and distributions. (L)
GEOG 2
\(\qquad\) SUIUC
Survey of human populations and their relationship with the physical environment; past and present development of cultures.

\section*{Geology}

GEOL 10L
hysical geology introduces the processes that are at work hanging the Earth today. Covers rocks and minerals, how water and wind shape the Earth's surface. Not open for credit to students with credit in GEOL 10. (L)
GEOL 11L Historical Geology
54 lecture hours, 54 lab hours
Transferable to CS
C-ID GEOL 111
Historical Geology is the study of the evolution of life and landforms through geologic time through the examination of of fossils, rocks, tectonic processes, and geologic structures an provide us with information regarding Earth's geologic and biologic history. (L)

GEOL 12
Oceanography
54 lecture hours CSU/UC
Transferable to CSU/UC
eneral introduction to the basic principles of oceanography chaing the study of geological, physical, and chemica ceanography. Topics will include the origin of Earth and the , ater tion and geochemical distributions, surficial and deep ater oceanic marine ecosystems, and human's effects on the oceans. (L)
54 lecture hours
Geology of California
Transferable to C
C-ID GEOL 200
General introduction to the geological sciences with emphasis on the geology of California. Topics covered will include the ectonic provinces, landforms, natural esouirces, geologic problems in the state. (L)
GEOL 40 Regional Geology
Sierra Nevada
v1-2 units
Effective Summer 2019
6. 2 lecture hours, 5.4 lab hours ( 1 unit)
32.4 lecture hours, 10
Transferable to CSU

This field course focuses on the geology of the Sierra Nevada, with an emphasis on the tectonic and erosional history of the area. The course includes study of the various intrusive rock and the minerals they contain, as well as the relative ages o the plutons. \(G\)
be discussed.

18 lecture hours (1ield Trip
36 lecture hours (2 units)
54 lecture hours ( 3 units)
This field course provides an opportunity to explore specific areas of geologic interest. Tectonic setting, sedimentary will vary depending on season band accessibility. Varving will vary depending on season and accessibility. Varying
amounts of hiking will be required depending on the location. Students are responsible for the costs of meals, transportation and camping or lodging
GEOL 42 Regional Geology
California Volcanoes
12 lecture hours, 12 activity hours (1 unit)
24 lecture hours, 24 activity hours (2 units)
36 lecture hours, 36 activity hours ( 3 units)
Transferable to CSU
site of volcanic interest an opportunity to explore a specific the tectonic setting, the rock cycle, weather and erosion, an lopics specific to volcanoes. Trip location will vary depending on season and accessibility. Varying amounts of hiking will b for the costs of meals, transportation, and camping or lodging
GEOL 43
Regional Geology -
v1-3 units
16.2 lecture hours, 5.4 lab hours ( 1 unii)
32.4 lecture hours, 10.8 lab hours (2 units)
48.6 lecture hours, 10.2 lab hours (3 units)

Transferable to CSU
This field course provides an opportunity to explore a specific the tectonic setting, the rock cycle, weather and erosion, and opics specific to coastlines. Trip location will vary depending on season and accessibility. Varying amounts of hiking will be equired depending on the location. Students are responsibe
for the costs of meals, transportation, and camping or lodging

GEOL 44
Regional Geology
California Deserts
1-3 unit
16.2 lecture hours 5.4 lab 19 Dis ( 1 un
32.4 lecture hours, 10.8 lab hours (2 units)
48.6 lecture hours, 16.2 lab hours ( 3 units)

Transferable to CSU
This course will explore one or multiple desert location specific to Califionia. Cont will include geographic features,
of geologic interest, and Historical climates will also be considered as well as human mpact and preservation

\section*{Health \\ Education}

HLTH 1

\section*{Health and Life Style Choices 3 unit}

Transferable to CSUIUC - UC Unit Limit
ssues include wellness, functioning optimally, and promoting ealthy behavior changes. Topics explore diet, exercise, stress, CVD, cancer, substance abuse, sexually transmitted isease, mental health, aging and analysis of available health information. (L)

HLTH 2 First Aid \& Cardiopulmonary
18 lecture hours
earn the skills needed for standard First Aid and Cardiopulmonary Resuscitation/AED. This course is highly commended forvolunteer coaches, parents, chila care giver and individuals who are interested in helping save lives. Upo certification card.
HLTH 3
First Aid and CPR for
3 units
54 lecture hours Kinesiology Majors

Transferable to CSU
-ID KIN 101
his course involves the theory and detailed demonstration f the first aid care of the injured. The student will learn to
ssess a victim's condition and incorporate proper treatment Standard first aid, CPR, and AED certification(s) will be granted upon successful completion of requirements. Grades are P NP option
HLTH \(4 \quad\) Psychosocial Health 3 units
4 lecture hours
Psychosocial Health
3 units
ransferable to CSU/UC - UC Unit Limit
Explores how attitudes and emotions affect physical health ong with emotional health. Additionally how psychosocia eall play a role in prevention of disease. This clas presents curren
the body. (L)
HLTH 5 Sport Psychology 3 units 54 lecture hours
rovides a concentrated study of human behavior in the context of participating in sport and how behavior (performance) is
affected by other sources. Includes study about motivation the brain's impact on performance, stress, goal setting, sport magery and current research into sport performance.

HLTH 10
54 lecture hours
Princi
SU/UC
ransferable to CSUIUC
n -depth study of nutrients and their functions, chemical topics such as weight loss, sports nutrition, food safety, the diet-disease relationship, global nutrition, and individual nutritional needs inroughout of the cyude are emphatiziod Coalth.

\section*{HLTH 13}

Nutrition and Life Fitnes
3 units
UIUC - UC Unit Limit
The analysis and evaluation of current practices and theories regarding nutrition and exercise and their relationship to weight control and physical fitness. Individualized exercis prescription, and nutritional analysis will be completed by

\section*{History}

The Associate in Arts in History for Transfer degree provides students with the opportunity to complete their freshman/sophomorelevel classes needed for a Bachelor's degree in History within the California State University System. Upon completion of the Associate in Arts in History
for Transfer degree, students will be able to use knowledge of the past and accumulated analytical and critical thinking kills to gain perspective on current social, political, an mic dynamics and apply any conctan national, and global societies.

History is a study of the past. The past not only defines our lives, society, and the world we live in today, but shapes he pathway to the future. Students of history study ind duals, groups, communities, nations, people, and culture from differenttimes and places. Many different methods are examine the past through different perspectives and apply various analytical techniques to raise questions and think critically about the past. In addition to learning about amaz g events, history provides us with a better understanding of our present lives.

\section*{HISTORY}
(Associate in Arts in Transfer)
Students who complete this program should be able to.
1. Demonstrate a breadth and depth of historical knowledge including but not key turing points in the human experience.
2. Examine the experiencces of various pee
heir significance to global development.
3. Demonstrate an understanding of the ways in which modem day people are profoundly impacted by historicial events and how an a
should inform how we approach contemporary issues.
Required Courses
Units
Required Courses ( 6 units)
HIST 17A United States History
HIST 17B United States History \(\qquad\)
List A: Must complete 6 units from one of the following: History of Western Civiilization 4A and 4B or World Civiilizations
5A and 5B Course Block Units: ( 6 Required):
HIST 4A Western Civilization
HIST 5A World Civilizations
List B: Must complete 6 semester units of any history course (including List A courses, if not used above) or any non-hisory course from the humanities or social sciences related to istory articulated as fulfiling CSU
HIST 14 Asian-American History.
HIST 15 Mexican-American History
位 16 African-American History to 1865
HIST 16B African-American History
HIST 29 Women in American History
ECON 1A Elementary Economics-Macro

ECON 1 B Elementary Economics-Micro... HUMAN 10 Introduction To Western Humanities POLSC 1 Introduction to American Government SOCIL 5 Sociology of Race and Ethnicity Total units requig
 coursework eligible for transerer to the CSU including the CSU GE-B or IGETC
(CSU voes (CSU version), all courses in the maior with "CO or better grades, and achieve
a minimum than

\section*{HISTORY}

\section*{(Associate in Arts)}
1. Demonstrate a breadth and depth of historical knowledge including but nol
limited to analysis of historical evidence to evaluate the causes and effects key turning points in the human experience.
2. Examine the experiences of various people throughout time and space and their significance to global develiopment.
3. Demonstrate an undersstanding of the ways in which moderm day people a 3. Demonstrate an understanding of the ways in which moderm day people are
profoundly impacted by historical events and how an appreciation of the pas
should intor

Required Courses
Units
\(+. . . . . .3\)

HIST 17A United States History
HIST 17B United States History
 \(\qquad\)
 .......... 3

List A: Must complete 6 units from one of the following: Select one from:
HIST 4A Western Civilization
HIST 4B Western Civilization
Select one from:
HIST 5A World Civilizations.
\(1)^{2}\) Civilizations............................................... 3
List B: Must complete 6 semester units of any history course (including List A courses, if not used above) or any non-his-
tory course from the history arse from the humanatities or social sciences ruffiling CSU GE Area C or D:
HIST 7 Indians of North America
HIST 14 Asian
HIST 14 Asian-American History
HIST 15 Mexican-Amita
HIST 15 Mexican-American History ...
HIST 16BAAfrican-American History to
HIST 16 A African-American History.
ECON 1 A Elementary Economics-Macro
ECON 1 B Elementary Economics-Micro.....
HUMAN 10 Introduction To Western Hum
HUMAN 10 Introduction To Western Humanities
POLSC 1 Introduction to American Government
SOCLI 1 Introduction to Sociology ............
SOCLL 5 Sociology of Race and Ethnicity
SOCIL 5 Sociology of Race and Et
Total units required for degree major.
Students earning an AAAS degre must comp................................ 18 General Education requirements, the multicultural g raduation requuirement, and the heath requirement, in addition to the program units listed here. Students see your counselor for aradifitional in iformation

\section*{Human Services}

CHEMICAL DEPENDENCY COUNSELOR (Associate in Science)
students who complete this program should be able to:
1. Perform clinical evaluations which is the systematic approach to screening and assessment of individuals thought to have a substance use disorder; be crisis situation.
2. Develop treatment plans which are a collaborative process in which profess sionals and the client develop a written document that identifies importar reatment goals; describes measurable, time-sensitive action steps toward between a counselor and dlient.
3. Provide client, family, and coommunity education which is the process ofprovia-
ing clients, families, significant others, and community froups with information
on risks releated to psychoactive substance use, as well as available prevention,
treatment, and recovery resources.
4. Uphold professional standards and ethical responsibilities which are the
4. Uphotid professional standards and ethical responsibilities which are the

Required Courses
Units
HUSEV 20 Introduction to Chemical Dependency Studies 3
HUSEV 21 Introduction to Physiol gical USEV 21 Introduction to Physiological/
Psychological Effects of Drugs of Addiction
of Addictive Patterns of Behavior
of Addictive Patterns of Behavior............................
HUSEV 23 Basic Law/Ethics for Chem. Dep. Couns..
HUSEV 24 Case Management/Psychopathology.
HUSEV 25 Basic Chemical Dependency Counseling ........... 3 HUSEV 26A AND 26B Supervised
Field Work Practicum (Internship)
otal units required for degree major
Students earning an AAAS degree must complete an...................... 25 ents, the multicultural raduation reauirement and mhe health requirement, in addition to the program units sisted here. Students see your counselor for additional information
*Practicum consists of 300 hours, 255 hours field and 45 ours classroom, of specialized and supervised field work practice, Certification is by California Certification Board of Alcohol and Drug Counselors and requires additional extensive internships, usually certified internship. The 255 practicum hours count toward furthe internship requirements.

\section*{CHEMICAL DEPENDENCY COUNSELOR} Certificate of Achievement)
1. Perform clinical evevaluations which is the systematic approach to screening 1. Perform clinical evaluations which is the systematic approach to screening
and assessment of individuals thought to have a susstance use disorder; being considered
crisis sitution.
2. Develotion. sionals and the client develolop a written document that identifies inpoote treatment goals; describes measurable, time-sensitive action steps toward achieving trosese goals with expec
between a couns
3. Provide client family and conmentive oduration whichis the ing clients, families, siginificant others, and community groups with information ing cients, lamilies, significant others, and communty groups sith informaition
on risks related to psychoactive substance use, as well as available prevention treatment, and recovery resources.
4. Uphold professional standards an
oblications of an addiction counselorto athhical responsibilities which are the obligations of a a addiction counsslor to a ahhere accepped ethical and behavior
standards, conduct, and professional development.
Required Courses
Units
HUSEV 20 Introduction to Chemical Dependency Studies . 3 HUSEV 21 Intro/Physiological/Psychological Effects of Drugs of Addiction...
HUSEV 22 Intro/Development/Progres................................ 3 Addictive Patterns of Behavior......................................... 3 Counselor....
HUSEV 24 Introduction to Case Management
Psychopathology
HUSEV 25 Basic Chemical Dep...................................... 3 HUSEV 26A AND 26B Supervised
Electives (Select 6 iticum (Internship) .............................. 7 Category I-3 units required
HUSEV 30 Adult Children of Alcoholics... HUSEV 31 Family Treatment Approaches HUSEV 32 Relationship Addiction/Co-Dependency HUSEV 34 Gender Differences Related to Substance Abuse HUSEV 35 Addiction and Domestic Violence. HUSEV 36 Chemical Dependency Prevention in Schools HUSEV 37
Programs
Category II - 3 units required
HUSEV 10 Introduction to Huma
PSYCH 1A General Psychology
SOCIL 1 Introduction to Sociolo
Total units required...
. Practicum consists of 300 hours, 255 hours field and 4 Certification is by California Certification Board of Alcohol and Drug Counselors and requires additional extensive internships, usuall completed during employment; qualifies a person for entry into a certified internship. The 255 practicum hours count toward further internship requirements
HUSEV \(10 \quad\)\begin{tabular}{l} 
Introduction to \\
Human Services
\end{tabular}\(\quad 3\) units

Human Services
54 lecture hours
Transferable to CSU
Survey of human services and social work; an exploration of helping skills as applied to such human problems as poverty, arenth (L) education, substance abuse, ilness, and mental ealth. (L)

HUSEV \(11 \quad\) Understanding Diverse 3 units 54 lecture hours
An understanding of human dynamics and differences between people of diverse racial, ethnic and gender backgrounds will be iscussed. Designed to generate sensitivity and appreciation differences, eliminate barriers that get in the way of working with diverse populations and create a meathier and safe USEV 20

Dependency Studies
tansferable to CSU
Dverview of major topics in the study of drug abuse and pendency, i.e. history, drugs of abuse, models of prevention ddiction and treatment, and local and national policy. (L) HUSEV 21
\[
\begin{aligned}
& \text { Introduction to } \\
& \text { Phvsioloaical/Ps }
\end{aligned}
\]
\[
\begin{aligned}
& \text { Physiological/Psychological }
\end{aligned}
\]

4 lecture hours Effects of Drugs of Abuse
54 lecture hours
An introduction and overview focused on drug action and isposition of the major drugs of abuse; ethanol, marijuana, caine, amphe Natios, ,CC, LSD, and designerdrugs. Drus discussed. (L)

USE

\section*{Introduction to The \\ 3 units of Addictive Patterns of Behavio}

54 lecture hours
troduction to the causes and development of addiction and 0 -dependency Exploration of the process of denial, use of ,

\section*{USEV 23 Legal/Ethical Aspects}

3 units
4 lecture hours
Introduction to the legal/ethical responsibilities of human services workers and Chemical Dependency Counselors, ith emphasis on confidentiality and the legal concept of elationship, client's rights, child abuse reporting, etc. will be discussed. Emphasis is on the obligation of the counselors to he clients, their families, and society. (L)

HUSEV 24

\section*{54 lecture hours}
introduction to the mental health problems which affect substance abuse. Focus on the techniques of interviewing, case conceptualization, treatment planning, case managemen and relapse controt in chemical dependency counseling
Familiarization with DSM IV-R and system of diagnosis approved by the American Psychiatric Association including differential ciagnosis, prognosis, and associated features Not open for credit to stur

HUSEV 25
Basic Chemical
3 units
54 lecture hours

\section*{lo CSU}

Broad overview of the counseling methods used in treating chemical dependency. An introduction to counseling theories and specific techniques used in the treatment; i.e., psycho dynamic, behavioral, cognitive-behavioral, multi-modal, clien entered, couples and fan secific theories will be analyzed. Not open for credit to students with credit in HUSEV 55. (L)
HUSEV 26A STH
HUSEV 26A Supervised Field
2 units
18 lecture hours, 66 lab hours
Transferable to CSU
Prerequisite: HUSEV 23
Introduction to supervised fieldwork practice, and the basic unctions of human service work in a variety of settings field placement in a human service agency. Orientation to the placement agency, including professional behavior and appearance, mockinterviews, and observation of professional in the field. Understanding ind Association of Alcoholism and Drug Abuse Counselors requirements (L)
HUSEV 26B Supervised Field
5 units
27 lecture hours, 189 lab hours
Prerequisite: HUSEV 25 and HUSEV 26A
Transferable to CSU
Supervised field work practice in a variety of settings tha will introduce students to the various aspects of the field and will afford them the opportunity to develop and refine their
knowledge and skills in chemical dependency counseling. Meets California Association of Alcoholism and Drug Abuse Counselor's requirements. Not open for credit to students with Credit in HUSEV 56B. (L)
HUSEV \(28 \quad\) Skills and Techniques of 3 units 54 lecture hours Group Counseling

\section*{Transerable to CSU}

This course is designed to provide and overview of the basic skills and techniques used in group counseling and practices including ethical issues related to the field of group work. Topics of group counseling best practices guidelines and diversity of group counseling, best practices,
issues. Grades are P/NP option. (L)

HUSEV 30 Adult Children of Alcoholics
xploration of techniques, concepts and behavioral guidelines addiction. Principles of modeling, shaping, reinforcement
of and extinction of dysfunctional behavioral patterns learned in hildhood will be described. Not open for credit to students with credit in HUSEV 60. (L)

HUSEV 31 Fam
18 lecture hours
Transferable to
CSU
to CSU
An examination of the systems approach in chemical dependency counseling as it relates to dysfunctional, addictive
amilies. Not open for credit to students with credit in HUSEV 1. (L)

HUSEV 32 Relationship Addiction/ 1 unit
18 lecture hours
Co-dependency
Transferable to CSU
dentification of co-dependent behavior and the effects of these behaviors on relationships; assessment of healthy vs.
unhealthy relationships on a continuum.
HUSEV 33
1 unit
8 lecture hours
ansferable to CSU
mphasis on techniques to build a healthy relationship with neself as fundamental for releasing addictive behavio 63. Grades are P/NP. (L)

HUSEV 35 Addiction and
18 lecture hours
Transferable to CSU
An overview of factors contributing to and eliciting explosive behavior responses in adults and children where substance
abuse occurs in the home. Not open for credit to students with credit in HUSEV 65. Grades are P/NP. (L)

\section*{Humanities}

Humanities is the study of making connections, a quest to understand "life in all of its manifestations." Art, sculpure, architecture, myth, religion, music, philosophy, and literature all provide a mirror to reflect the characteristics of a culture, its values, themes, and visions. Each is pat of the web of life, giving insight into the totality
Humanities seeks to explore the vital creativity and instinct of artists who brought about new insights in emerg ing cultures, the creative geniuses that helped to forg and focus of religions that tapped the depths of the huma spirit, philosophies and modes of thinking that shaped the consciousness of humankind, and the architecture that brought new ideas to form.
HUMAN 5
Art Appreciation
HUMAN 54 lecture hours
Transferable to
Transferable to CSU/UC
Introduction to art appreciation with an emphasis on basic 2D, 3D, and film mediums and their relationships to humanitie
Historical and contemporary work with a multicultural focus will be emphasized. Not open for credit to students with credit in ART 5. (L)
HUMAN 10 Introduction to 3 units 54 lecture hours Western Humanities
Transferable to CSUIUC
Learning the habit of making connections through thinking eeling, sensing, and intuition, integration of the arts, through Renaissance. (L)
HUMAN 11 Art, Literature and
54 lecture hours
Transferable to CSU/UC
Art, literature, and music in the humanities from the Renaissance through the 20th Century. (L)

HUMAN 20
HUMAN 20 Introd
54 lecture hours
Transferable to CSU/UC
Four functions of myth analyzes ethnic and universal messages of myth. Explore life's great themes across many cultures: birth, death, dependence, independence, love and growth. (L)

\section*{HUMAN 20 \\ Introduction to World Myth 3 units} Effective Spring 2019 -
54 lecture hours
Transferable to CSUIUC
Compares and contrasts ethnic and universal messages of This class will cover myths from around the world, including at least four of the following cultures each semester: India, Mesopotamia, Africa, North and South America, Celtic, Nordic
East Asia, and others. (L)

\section*{HUMAN 26A Women in Art I}

54 lecture hours
Transferable to CSUIUC
Role of women as artists in the Western World, beginning in world. Not open for credit to students with credit in ART 3A or WOMEN 26A. (L)
HUMAN 26B Women in Art II 3 units 54 lecture hours
ransferable to CSUIUC
Role of women as visual artists in Europe and the Americas cusing on the Twentieth Century arts. Not open for credit to sudents with credit in \(A R T\) B or WOMEN 26B. (L)

HUMAN 31 Asian-American
54 lecture hours
Transferable to CSU/UC
Survey of Asian-American cultures, including religions raditions, and some highlights of history. Not open for credi
to students with credit in ASIAN 31. (L)

HUMAN 34 Introduction to Film帾
Transferable to CSU/UC
Study of film as art and its influence on society, including terpretation, criticism, and technical developments; student with credit in ENGL 34 or THART 34. (L)

\section*{NFORMATION TECHNOLOGY}
(see Business)

\section*{Internship}
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ITRN46 Internship
60-600 lab hours
cooperative effort between the college and the professional community to provide real-world experience in the student's student's enrollment at the college with an 8 -unit maximum in any one semester. Those enrolling in this class are not eligible for Cooperative Work Experience classes or other internshi lasses during the same semester. Grades are P/NP. (L)

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\section*{Kinesiology}

Classes with "R" can be taken a total of four times but are subject to Family of Classes restrictions on page 153.

The Associate in Arts in Kinesiology for Transfer degree is designed to prepare students with the opportunity to complete their freshman/sophomore level classes required for a Bachelor's degree in Kinesiology within the California State University System (CSU). Upon completion of he Associate in Arts in Kinesiology degree, students will e prepared for transfer to a CSU for studies in Physical programsKINESIOLOGY
(Associate in Arts for Transfer)
\(\qquad\) and evaluate physical activities and their ir elationship to wellness and titess. strate proficiency of skilss needed in activities commonly included in human movement programs.
3. Analyze theoretical approaches and major conceptst of heath and nutrition. 4. Demonstrate know
of a variety of sports.

Required Courses
PE 20 Introduction to Kinesiology \(+. . . . . . . .3\) BIOL 4 Human Anatomy...
hoose one course from the following team sport courses (minimum 1
PE 1.71 Basketball OR.
PE 1.71 Basketball \(\qquad\)
OR
....0.5-2
PE 1.79 Volleyball-Intermediate
Coose one course \(f\) the fowing .inc.............................5-2 1 unit):
PE 1.25 Badminton OR
minimum
Choose one course from the following fitess courses (minimum 1 unit): E 1.21 Aerobic Exercise.
PE 1.22 Step Aerobics....
HEM 1A General Chemistry) from the following courses:
HLTH 3 First Aid and CPR for Kinesiolociogy Majorors................... 3
HYS 2A General Physics AND.
STAT 1 Introduction To Statistical Methods
otal units required for degree major
Students earning an AA-TAS-T degree must coun..............................26
Courseworreingible for transier to the CSU including the CSU GE-B or IGETC
ICS version), all courses it the mair wit
(CSS version), all courses in the major with " \(C\) ".
a minimum transferable cumulative GPA of 2.0 .

PHYSICAL EDUCATION
(Associate in Science)
Students who complete this program should be able to
1. Examine and evaluate physical activities
and fitiess.
2. Demonstrate proficiency of skills needed in activities commonly included in
human mover human movement programs.
3. Analyze theoretical approaches and major concepts of heath and nutrition 4. Demonstrate knowledge and apply the fundamental rules and regulation

Required Courses
BIOL 4 Human Anatomy.
BIOL 5 Human Physiolog
HLTH 1 Health and Life Style Choices.
PE 20 Intraduction
PE 20 Introduction to Physical Education.
PE 26 Care and Prevention of Athletic Injurie
E Activity Courses
 Students earning an AAAAS degrie must Complete a minimum of 88 units of
General Education requirements, the multicultural graduation requirement, an the heath requirement, in addition to the program unit listed here. Studen
must see your counselor for additional information.

KINES 1.21 Aerobic Exercise
13.5 lecture hours, 40.5 lab hours

Transferable to CSUIUC - UC Unit Limit
Aerobic exercise designed to develop and/or maintain cardiovascular endurance, muscular strength, flexibility, and coordination through the use of continuous vigorous , 12
KINES 1.22 Step Aerobics Transferable to CSUIUC - UC Unit Lim Step aerobic exercise designed to develop and/or maintain cardiovascular fitness and endurance, muscular strength and endurance, flexibility and coordination.
KINES 1.24 Bowling
Transferable to CSU/UC - UC Unit Limit
Coeducational bowling; the techniques and skills of bowling
emphasis on fundamentals, rules, and etiquette.
KINES 1.25 Badminton
1.5 units
13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit
Skills and fundamentals in individual and doubles play with
KINES 1.26 Body Toning
1.5 units
13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit
A full body conditioning and strengthening workout, improving improving vital core strength.
KINES \(1.27 \quad\)\begin{tabular}{l} 
Fitness Walking/ \\
Jogging
\end{tabular}\(\quad 1.5\) units
3.5 lecture hours, 40.5 lagging

Transferable to CSU/UC - UC Unit Limit
Idividualized walking/jogging program designed to improve cardiovascular endurance and muscular strength. Emphasis on ineime fitness including the principles of nutrition, fitness
1.31 Golf-Beginning 1.5 units
3.5 lecture hours, 40.5 lab hours
ransferable to CSU
Beginning golf skills and etiquette. The history of golf
KINES \(1.33 \quad\) Advanced Golf
3.5 lecture hours, 40.5 lab hours
ransferable to CSU/UC - UC Unit Limit
nstruction and practice for advanced golf techniques.
Boot Camp Fitnes
Transferable to CSU/UC - UC Unit Limit
Designed to provide the student with als asigned to provide the student with a physically intense clude jogging, interval training, obstacle course and a variety of calisthenics designed to enhance muscular strength and endurance. In addition, students will be challenged to understand and apply fitness training principles. The student will train individually, with a partner and/or in a team setting.

Yoga
lab hours
1.5 units

Development of basic Yoga postures breathing practices,
tretching, and relaxation techniques as a method to improve
exibility, decrease stress and improve physical and mental ,

KINES 1.37
Club Fitness
1.5 units
3.5 lecture hours, 40.5 lab hours
ses treadmills, stationary bikes, rowing machines, and step machines for developing fitness levels. Physical fitness dive and analysis is performed. Development of

KINES 1.41 Self Defens
1.5 units

Transferable to CSU
Transferable to CSU
ethods of faling, throwing, and defense against specified tacks. Avoiding dangerous situations at home and in one's ehicle. Defending oneself using techniques selected from the ,
KINES 1.42 Beginning Dance 1.5 units
3.5 Techniques

最 lecture hours, 40.5 lab hours
ransferable to CSU/UC - UC Unit Limit
ntroduction to individual techniques of various dance styles foxtrot, swing rhumba, cha-cha, polka, country line:

KINES 1.43 American Style Swing
1.5 units
13.5 lecture hours 40.5 lance

Transferable to CSU
American Swing and Latin Dancing will include four of the most popular swing dances: East Coast Swing, West Coas Swing, Hustle, and either Jive or Lindy, and four of the mos popular Latin dances: Cha Cha

KINES 1.57 Weight Training 1.5 units
13.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit
Individualized weight training program designed to improve muscular strength and endurance. Emphasis is on lifetim fitness including principles of nutrition, fitness and safety.
KINES 1.57B Weight Training
1.5 units
3.5 lecture Intermediate
13.5 lecture hours, 40.5 lab hours
Transferable to CSU/UC - UC Unit Limit

Individual weight conditioning for intermediate level students. Emphasis will be on learning proper use of machines, fre weights, cables and stretching routines. Instruction on for increase muscle size, strength, and endurance. Co-educatio class format
KINES \(1.59 \quad \begin{aligned} & \text { High Intensity } \\ & \text { Weight Training }\end{aligned} 1.5\) units
3.5 lecture how Weight Training

\section*{13.5 lecture hours, 40
Transferable to CSU}

Aerobic weight training involves lifting light weights at highe speeds. Circuit training using several machines, or stations
and lighter weights will be the typical workouts. Weight traini ndighter weights will be the typical workouts. Weight training methods and circuit training will be combined to improve aerob
fitness and muscular endurance. Grades are P/NP option.

KINES 1.71 Basketball
3.5 lecture hours, 40.5 lab hour Transferable to CSU
This is an introductory course to the game of basketball skills, techniques and rules. Emphasis will be placed on fundamentals, etiquette and strategies, as well as an appreciation for a lifetime activity. Grades are P/NP optio

KINES 1.75 Soccer
13.5 lecture hours, 40.5 lab hours
Transferable to CSU/UC - UC Unit Limit
echniques, skills, rules, conditioning, and drills for soccer
KINES 1.76 Advanced Soccer 1.5 units 3.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit
Advanced techniques of soccer including skills and conditioning used to prepare for competitive play.

KINES 1.77 Volleyball-Beginning
3.5 lecture hours, 40.5 lab hours
ransferable to CSU/UC - UC Unit Limit
Fundamental skills and techniques for beginning volleyball offensive and defensive strategies.
KINES 1.78 Grass Doubles Volleyball 1.5 units
3.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit
undamental skills and techniques for outdoor grass doubles
volieyball including: rules of play, officiating, and offensive and
KINES 179
KINES 1.79
Volleyball-Intermediat
1.5 units
3.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC - UC Unit Limit
luding rule of play officiting and offersivearal defensil strategies.
KINES 3 Adaptive Physical 1.5 units 3.5 lecture hours, 40.5 lab hours

Transferable to CSU/UC
introduction to adapted physical education for students with disabilities. Provides students with the opportunities to obtain the benefits of improved physical fitness through a will be required to show proof of disability from a physician. will be required to show
Grades are P/NP option.
KINES 4 Low Impact Fitnes
KINES 4 Low Impact Fit
Transferable to CSU/UC - UC Unit Limit
hdividualized exercise prescription for persons with disabilitie in various stages of wellness who are seeking opportunities oimprove their fitness levels. Program includes exercise to mprove posture, aerobics, flexibility, strength and balance
Students with disabilities will be required to show proof o disability from a physician.
KINES 6
Adapted Total Fitness
3.5 lecture hours, 40.5 lab hours

Transferable to CSUIUC - UC Unit Limit
his is a general physical fittess course specifically intended for students with disabilities. Students will be given an opportunity to engage in a personalized program of exercise with disabilities will be required to show proof of disability from a physician. Grades are P/NP option.

KINES Adapted Weigh
1.5 units
13.5 lecture hours, 40.5 Iraing and Fit
13.5 lecture hours, 40.
Transferable to CSU Training and Fit
40.5 lab hours
\(\square\)
This course is designed as an introduction to progressive resistance weight training for students with disabilities,
Students will engage in that promotes the develo individualized program of exercise and muscle endurance, muscle strength ascular flespibiratory a healthy body composition. Students with disabilities will be required to show proof of disability from a physician. Emphasis will be placed on training fundamentals, lechnique. conditioning and safety. Grades are P/NP option

KINES 9 Adapted Weight
Training and R
. 5 un
13.5 lecture hours, 40.5 lab hours

Transferable to CSU
Adapted strong faining techniques and methods to improve
over-all muscular endura ovedified activities endurance and fitness. Additionally specific he student to ent, games and sports will be experienced by designed to ounnance their participation in life-long activitie Activities included are but not limited to bocci ball , volleyball frisbee games, pickle ball, horseshoes and basketball. Students with disabilities will be required to show proof disability from a physician. Grades are P/NP option.
KINES 10 Adapted Yoga and Cardio Fitness
13.5 lecture hours, 40.5 lab hours

Transferable to CSU
Adapted Yoga and Cardio Fitness methods and techniques相 lechniques utilized to improve relaxation, flexibility, core disabilities will cardiovascular fitness. Students with disabilities will be required to show proof of disability from physician.

KINES 20 Introduction to Kinesiology
54 lecture hours
Transferable to CSU
-ID KIN 10
This course provides an introduction to the interdisciplinary orientation to various educational pathways, requirements, and career opportunities in kinesiology in the areas of teaching, coaching, allied health, and fitness professions. Basic concept
of the kinesiology discipline and the importance of the subdisciplines are discussed.

KINES 21A Analysis of Softball: Offense 2 units 36 lecture hour
Transferable to CSU/UC - UC Unit Limit
Study and analysis of various phases of softball offense running. Grades are P/NP option

Transferable to CSU/UC - UC Unit Limit
\begin{tabular}{l|l} 
Transferable to CSU/UC - UC Unit Limit \\
Analysis and study of the various phases of softball defense, & \(\begin{array}{l}\text { (No more than four classes can be attempted within each family of } \\
\text { classes listed below. See page } 5 \text { for details.) }\end{array}\)
\end{tabular}
ncluding philosophy, fielding and pitching. Grades are P/NP option.
KINES 22 Analysis of Basketball 2 units

Transferable to CSU/UC - UC Unit Limit
Analysis of offensive and defensive basketball, including rategies and philosophy. Current techniques of shooting assing, dribbling, along with the application of scouting to competitive play

\section*{Analysis of Footb}

Transferable to CSU/UC - UC Unit Limit
Analysis of offensive and defensive football, including hilosophy and strategies; current techniques of passing locking, and tackling along with practical application of

KINES \(26 \quad\) Care and Prevention of 3 units
5 Athletic Injuries
ransferable to CSUL 27
A introduction to the treatment and prevention of specific thletic injuries. This course will cover the identification of juries, proper treatment after they occur, and preventative

Analysis of Soccer
2 units
Transferable to CSU/UC - UC Unit Limit
tudy and analysis of various phases of soccer, including ndamentals, ofie olive and defensive strategy, and differen rades are P/NP option.

INES 29A
Analysis of Basebal:
Transferable to CSU/UC - UC Unit Limit
Study and analysis of various phases of baseball offense, hcluding fundamental skills of hitting and base running Grades are P/NP option.
Analysis of Baseball: Defense 2 units
Transferable to CSU/UC - UC Unit Limit
Study and analysis of various phases of baseball defense cluding fundamental skills of fielding, pitching and positioning Grades are P/NP option. KINES 1.21-Aerobic Exercise KINES 1.22-Step Aerobics
KINES 1.27 -Fitness Walking/Jogging

\section*{BASKETBALL:}

\section*{Family of Classe}

No more than four classes can be attempted within each family of KINES 1.71-Basketball

\section*{BODY TONING:}

Family of Classes
No more than four classes can be attempted within each family of classes isted below. See page 50 for details.)
INES 1.26-Body Toning

\section*{BOWLING}

Family of Classes
No more than four classes can be attempted within each family of casses listed below. See page 50 for details.)
KINES 1.24-Bowling

CONDITIONING:
Family of Classes
No more than four classes can be attempted within each family of casses listed below. See page 50 for det
KINES 1.26-Body Toning ATHL 1.55R-Sports Conditioning
DANCE:
Family of Classes
(No more than four classes can be attempte
classes listed below. See page 50 for detais.) classes listed below. See page 50 for details.)
KINES 1.42 -Beginning Dance Technil KINES 1.43-American Style Swing and Latin Dance

\section*{GOLF}

Family of Classes
No more than four classes can be attempted within each family of lasses listed below. See page 50 for details)
KINES 1.31-Golf-Peginning
KINES 1.33-Advanced Golf

RACQUET SPORT:
Family of Classes
No more than four classes can be attempted within each family of lasses listed below. See page 50 for details,

\section*{SOCCER:}

Family of Classes
(No more than four classes can be attempted within each family of
lasses listed below. See page 50 for details.) classes listed below. See page 50 for details.
KINES 1.75 -Soccer
KINES 1.75-Soccer
KINES 1.76 -Advanced Soccer

\section*{SPORTS ANALYSIS:}

Family of Classes
(No more than four classes can be attempted within each family of
classes listed below. See page 50 for details.)
KINES 21A-Analysis of Softball: Offens
KINES 21B-Analysis of Softball: Defense
KINES 29B-Analysis of Baseball: Defense
KINES 22-Analysis of Basketball
KINES 24-Analysis of Football
PE 29A\&B-Analysis of Baseball

\section*{VOLLEYBALL:}
(No more than four classes can be attempted within each family of
classes listed below. See page 50 for details.)
KINES 177 -Volleybal
KINES 1.77-Volleyball-Beginning
KINES 178-Grass
KINES 1.79 -Volleyball-Intermediate

\section*{WEIGHT TRAINING:}
(Nomily more than four classes can be attempted within each family of
classes listed below. See pagas 50 for details.)
KINES 1.57 -Weight Training
KINES \(1.57-\) Weight Training
KINES 1.59-High Intensity Weight Training
KINES 1.57B-Weight Training-Intermediat

\section*{YOGA:}

\section*{Family of Classes}

No more than four classes can be attempted within each family of
KINES 1.36-Yoga

\section*{Learning Assistance}

LEARN 52

\section*{Field Experience}

\section*{9 lecture hours, 27 lab hours}

Designed for students with interest in the field of human services, specifically education, medical, and social services. increase awareness of the limitations imposed by a variety of disabilities and their impact on essential life activities including learning. Overview of the provision of community and college
support services available for students with disabilities. Provides opportunity to assist in the physical and academic adaptation of students with disabilities to the community
college environment. Grades are P/NP.

LEARN 70
Supplemental Instruction 1 unit 18 lecture hours
Corerequisite: Enrolled in a General Education course Effective Study strategies for preparing for course exams
and successfully completing class projects for a targeted general education course. Targeted courses are identified each session. (L)
LEARN 102
EARN 102 Directed Study
v.5-1 unit 27 lab hours (.5 unit)
54 lab hours (1 unit)
Other Conditions: Course 100 or above
Counseling, study skills, and individualized assistance to help in all areas of study; required of all EOPS students. Grades
are P/NP. are P/NP

LEARN 115
Academic Strategies
2 units 36 lecture hour cilly for students with disabilt Designed especially for students with disabilities and others
who have difficulty learning by traditional methods. provided for self-analysis, acquisition, and application of learning strategies through a hands-on approach with guided practice. Strategies include: time management, organization, memory, listening, note taking, textbook reading, an
test preparation. Emphasis on self-advocacy and use appropriate accommodations, including assistive technolog. Recommendation: Basic reading/writing skills, familiarity with computers, and a readiness for college participation. Grade are P/N

LEARN 118

\section*{Workforce}

3 units
36 lecture hours, 54 lab hours
Designed for students with learning differences and/or a history basic skills in written language in preparation for entering the workforce. Emphasis on developing competency in reading comprehension and writing proficiency typically needed for success in usca massistive computer technology. Grade are P/NP.

LEARN 120A Beginning Basic Studies \(\quad 3\) units
General review of beginning concepts of reading, writing and General Grades are P/NP.
EARN 120B Intermediate Basic Studies 3 units lecture hours, 54 lab hours
eneral rview of intermediate concepts of basic reading,
writing and math. Build on skills learned in 120A. Grades
are P/NP.
LEARN 120 C Advanced
54 lab hours
6 lecture hours, 54 lab hours General review of basic concepts of reading, writing and math based on skills learned in 120 A and B. Grades are P/NP.
EARN 122 Basic Studies
slab hours
ther Conditions: Course 100 or above
Reviews basic concepts in arithmetic, grammar, and reading, well as strategies for preparing for the GED exam. No pen for credit to students with credit in LEARN 120. Grades are PNP.
18 Lecture hours
Spelling Improvement
1 unit
Designed for student with learning difficulties that impact eading/writing tasks. Small group learning and individualized plan for improvement. Instruction in phonemic awareness, vord parts, spelling rules and strategies for memory. Discussion and practice with educational technology including
handheld devices, software and educational websites for improvement in spelling efficiency and accuracy. Includes exercises to build college level vocabulary. Recommendation asic reading/writing skills, familiarity with computers, an readiness for college participation. Grades are P/NP.
LEARN 126 Study Techniques lecture hours, 27 lab hours \(\qquad\)
1 unit
evelopment and implementation of an individualized program college coursework. Concurrent enrollment required in a minimum of one academic and/or vocational education ollege course. Recommendation: Basic reading/writing articipation Grades are P/NP.
LEARN 155

> Beginning Assistive Comnuter TTchnoloav

8 lecture hours, 54 lab hours
esigned for students with disabilities who have limited computer experience. Focus is on use of keyboard/mouse, personal data storage, basic MS Word, use of MyCampus Portal and Canvas, internet use, educational websites, and of currently available assistive computer technology used to meet the educational needs of students with physical, learning, and cognitive impairments. Grades are P/NP.

LeArN 156
nermediate Assistive
9 lecture hours, 27 lab hours
Designed for students with disabilities in need of assistive computer technology to ensure equal access to colleg materials and improved efficiency on academic tasks. Prepare in college computer labs, modern work environments personally adapted home computer systems Recommendatio basic reading/writing skills and familiarity with computers. Grades are P/NP
EARN 172 Real Life Math
3 lecture hours, 45 lab hours
Developmental sequence of increasing difficulty in mathematic computations as they apply to real life situations focusing on addition, subtraction, division, fractions, percentages, an decimals. Gr
LEARN 174 Basic Math Facts 36 lecture hours, 54 lab hours
36 lecture hours, 54 lab hours
Mastery of basic mathematical facts of addition, subtraction
multiplication and division; numbers; and addition and subbraction of like fractions. Grade are P/NP. Workforce
54 lab hours
Designed for students with learning differences and a history of difficulty in mathematics. Review of basic math skills
in preparation for the workforce and/or career technic in preparation for the workforce and/or career technical
education. Emphasis on math calculations and situationa word problems encountered in vocational employment. Grades are P/NP.
LEARN 180 Reading and Writing 3 units 54 lecture hours Development
Designed especially for students with disabilities and others who have enficuculy learning by traditional methods. Introductory subsequent coursework requiring academic language art skills. Emphasis on exploring current perception as a reade writer, utilizing strategies for improved reading comprehension, mechanics of writing, and expanding vocabulary. This class will incorporate the use of educational technology to accelerate learning and as a tool for raising efficiency of reading/writing asks. Recommendation: Basic reading/writing skills, familiarity LEARN 251 Academic Evaluation

\section*{9 lecture hour}
\(\qquad\)
 individual spectrum of berning aptitudes including achievement levels. Eligibility for academic accommodation may be considered based on testing information using step-by-step guidelines mandated by the California Communis

\section*{Library Science}

LIBSC 1

\section*{Basic Research Skills} 8 lecture hours
ransferable to CSUIUC
his course will help students acquire beginning information research. It provides a step-by-step guide to the research process that is applicable to term papers, course work, and if-long learning. It emphasizes developing effective search information sources, analyzing and critically evaluating information, and using information. (L)

\section*{MANAGEMENT AND SUPERVISION (see Business)}

\section*{Manufacturing}

Technology
Manufacturing Technology is a compreehensive progra of instruction designed to develop knowledge of scientific principle, mathematical concepts, and technical skills. It in
cludes laboratory experiences found in machining welding and related technologies. These experiences will enable the student to enter industry with problem-solving skills in design, production planning, materials handling, quality control, inspection, and programming with computer-aide controls. The student, upon the suct have a job-entry skill.

\section*{MANUFACTURING TECHNOLOGY। MACHINING}
(Associate in Science)
Students who complete this program should be able to
1. Demonstrate knowledge of proper working habits and safety practices in an
industria environment
2. Demonstrate skill in the use of manual machine tools including: lathes, mills,
driling machines
 3. Demonstrate skilled use ofAdvanced Manufacturing tools such as: Computer
aided Design, Computeraided Manutacturing, CNC Miling Centers, CNC Turning aided Design, Compouteraided Manufacturing, C
Centers, inspection and measurement tools..

Required Courses Units
DRAFT 30 Technical Drawing with AutoCAD. MFGT 20 Principles of Machine Shop.
MFGT 21 Intermediate Machine Shop MFGT 21 Intermediate Machine Shop..................................
MFGT 60 Problems in Manufacturing Technology MFGT 62 Advanced Machine Shop
WELD 30 Gas Welding OR
WELD 10 Introduction to Arc Welding
Plus 14 additional units from the following.
AUTO 22 Hydraulics (Flud Poor AUTO 22 Hydraulics (Fluid Power)...... CWEE 45 Occupational Work Experience
MFGT 34 Computer Numerical Control.. MFGT 35 Computer-Aided Manufacture WELD 30 Gas Welding OR
WELD 10 Introduction to Arc Welding. WELD 85 Structural Design/Fabrication WELD 85 Structural Design/Fabic
Studants earning an AAAS degree must complete a minimum of 18 units of
 the health requirement, in addition to th e program units listed here. Students
must complete a total of 60 degree applicable units to earm an A \(A\) o AS AS Pease see your counselor for additional information.

\section*{MANUFACTURING TECHNOLOGYI}

AACHINING
(Certificate of Achievement)
1. Demonstrate knowled Idge of propaer woulking habits on:
industrial environment
indusstrial environment
2. Demonstrate skili inthe use of manuual machine tools includ
drililing machines, grinding machines, and inspection tools.
2. Dimmonstate skinim the use of manual machine tools including: Itathes, mills
driling machines, grinding machines, and inspection tools.
3.Demonstrate skiled use ofAdvanced Manufacturing tools sult 3. Demonstrate skilled use of Advanced Manuracturing tools such has: Computer
aided Design, Computeraided Manutacturna, CNC Miling Centers, CNC Tuming


\section*{Required Courses}

Units
AUTO 22 Hydraulics...
DRAFT 30 Technical Drawing with Auto..............................
MFGT 20 Principles of Machine Shop
MFGT 34 Computer Numerical Control
MFGT 35 Computer-Aided Manufacture
FGT 60 Problems in Manufacturing Technology FGT 62 Advanced Machine Shop
WELD 10 Introduction to Arc Welding
Total units required.
MFGT \(20 \quad\) Principles of Machine Shop 3 units 6 lecture hours, 54 lab hours
to CSU
asic set-up and operation of the Engine Lathe, Vertical Milling Machine, Drilling machines, Bandsaws and grinding machines. mprsis will also focus on precision measurement. The ourse includes tooling selection for above machines in all aspects of machining. ( \(L, M\) )
MFGT 21 \(\qquad\) Intermedia
54 lab hours transferable to CSU
Intermediate level machine shop, with focus on precision ayout and safety practices, the set-up and operation of the ertical milling machine, the horizontal miling machine, an development of skills acquired in MFGT 20 or equivalent. Students will produce a machined mechanical object using e machine shop.

MFGT 34 Computer N
54 lecture hours, 54 lab hours
Tansferable to CSU
Manual programming of computer numerically controlled machine tools and processes, using the standard \(g\)-code
format. Programs will include linear interpolation, circula interpolation and helical interpolation. Canned cycles an

MFGT \(35 \quad\) Computer Aided
36 lecture hours, 54 lab hours
Transferable to CSU
Transferable to CSU
The use of a CAM (computer aided manufacturing) software in the production of parts through the use of a CNC lathe and milling machine. (L,M
MFGT \(60 \quad\) Problems in
Manufacturing Technology
36 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of MFGT 21 and MFG
34
Analysis of special problems in manufacturing. Further study A specialized areas of manufacturing technology win proje Emphasis will be given to each student's role in contributing to product creation.
MFGT 62
Advanced Machine Shop
This is an advanced course in machining, which encompasse tool and cutter grinding, part design using a turret lathe, and a tracing lathe. Concepts that will also be covered are aspects
of surface grinding and EDM machining. (L,M) MFGT 63 Machine Construction
36 lecture hours 54 Repair
Machine tool construction and repair based upon the refurbishing of a machine tool like a lathe or a milling machine. enphasis will be placed on returning a machine tool to a

\section*{Mass Communications}

MASS COMMUNICATIONS
Associate in Arts)
students who complete this program should be able to
1. Demonstrate effective speaking, writing, and listening skills for communication
in personal, public, and madiia reas.
2. Demonstrate the ability to observe events, gather information, write new reports and news releaseses, repoott on eveents, and dedit otherer people's wititings. 3. Demonstrate the ability to understand the media critically and recognize and daily lives.
and daily Iives.
4. Demonstrate the ability to recognize the power of persuasion and ethical
responsibilities of communicators in communication at ll levels
Required Courses
MCOMM 2 Introduction to Mass Communication................ 3
MCOMM 4 Studio Video Production.
MCOMM 6 Sound Recording and Production
MCOMM 8 Introduction to Media Writing OR.
MCOMM 19 News Writing and Reporting.
MCOMM 14 Advanced Studio Video Production OR............... 3 MCOMA 20LNewspaper Production MCOMM 17 Television Remote Product Total units required for degree major \(1{ }^{2}\) General Education reauirements, the multiculturale laraduation requirement 18 unit of the health requirement, in addition to the program units sisted here. Students must complete atotal of 60 degree applicable
see your counselor for additional information.

\section*{MASS COMMUNICATIONS}
(Associate in Science)
Students who completet this program should be able to:
in personal, public, and media areas.
2. Demonstrate the ability to observe events, reports and news releases, report one eveents, gander edit ifthormation weople's withertitings 3. Demonstrate the ability to understand the media critically and recognize and daily lives.
4. Demonstrate the ability to recoconize the power of persuasion and ethica

Required Courses
Units
MCOMM 4 Studio Video Production MCOMM 5 Electronic Movie Making
COMM 6 Sound Recording/Produc MCOMM 8 Introduction to Media Writing MCOMM 15 Field Video Production
MCOMM 17 Television Remote Productio
units required for degre maior ….................... 3
Students earning an AAAS degree must complete a minimumum of 18 units of 18 General Education requirements, the multicultural graduation requirement, and
 see your counselof f for additional information.

\section*{MASS COMMUNICATIONS}

\section*{Certificate of Achievement}
1. Demonstrate effectivie speeaking, wititing, and listening skills for communication

\section*{in personall, public, and media areas}
2. Demonstrate the ability to observe events, gather information, witte news
reports and news releases, report on events, and edit other peoplé's witings reports and news reieases, report on evenits, and edit other people's writings.
3. Demonstrate the ability to understand the media critically and recognize how media shape and are shaped by politices society culture, economice,
and daily lives and daly Ives.
4. Demonstrate the ability to recognize the power of persuasion and ethica
and

Required Courses
ART 31 Basic Photography ............
MCOMM 5 Electronic Movie Making
MCOMM 6 Sound Recording/Productio
MCOMM 15 Field Video Production...
MCOMM 17 Television Remote Production.
Minimum units required

\section*{MCOMM 2 Introduction to} Mass Communication

\section*{54 lecture hours
Transferable to CSUIUC}

Survey of the principles, functions, and services of media an information and communication oriented society; emphas
on history, economics, technologies, and the process of communication, as well as the social impact of print media, broadcasting and motion pictures. (L)

\section*{MCOMM \(2 \quad \begin{aligned} & \text { Introduction to } \\ & \text { Electronic Media }\end{aligned}\)}
- Effective Spring 2019

54 lecture hours
Transferable to CSUIUC
This course introduces the history, structure, function film,the Internet, and new media, including traditional and mature formats. The social, political, regulatory, ethical andoccupational impact of the electronic media are also
studied
tudied. (L)
MCOMM 4 Studio Video Production

\section*{36 lecture hours, 54 lab}

Transferable to CS
Semi-technical operation and creative use of television studio equipment; techniques of production, use of cameras, lighting,
sound, titing, and video recording (L) mCOMm 4 Begining TV Sudio

Effective Spring 2019 -
36 lecture hours, 54 lab hours
Transferable to CSU
This course introduces theory, terminology and operation of a multi-camera television studio and control room. Topics include
studio signal flow, directing theory and operation studio signal flow, directing, theory and operation of camera
and audio equipment, switcher operation, fundamentals of lighting, graphics, video control and video recording, and real
lime video production.
LLC) time video production. (L,C)

54 lecture hours Reporting
Prerequisite: Satisfactory completion of: ENGL 51 Transferable to CSU/UC
Recognizing, gathering, and writing the news in accepted journalistic style, learning to conduct personal interviews and over speeches, meetings, and other events, understanding he legal and ethical issues related to reporting; emphasis on anguage and stye, accuracy in news gathering,
and orgnization of various types of stories. (L)
comm 20
MCOMM 20A News Me
77 lecture hours, 81 lab
frequiste: Satisfactory completion of: ENGL 51 or eligibility Transferable to CSU Weekly production of the Yuba College student online news
source and quarterly production of the Yuba College student news magazine. Students will learn journalistic standards,
media ethics, researching, reporting, writing, and copy editing for basic news stories, features, and opinion, as well as basic page layout and design for both print and online publications (L)

MCOMM 20B News Media Production 2 units 7 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: MCOMM 20A or NGL 20A
Weekly production of the Yuba College student online news source and quarterly production of the Yuba College studen news magazine. Students will learn journalistic standards, media ethics, researching, reporting, writing, and copy editing or specialized and in-depth news stories, features, and ophlione publications, and editorial leadership. (L)
MCOMM 20C News Media Production 3 units 27 lecture hours, 81 lab hours Prerequisite: Satisfactory co ENGL 20B
Transferable to CSU
Weekly production of the Yuba College student online new source and quarterly production of the Yuba College studen
news magazine. Students will learn journalistic standards, media ethics, researching, reporting, writing, and copy editing for investigative news stories, features, and related opinion Jurnalistic use of multimedia, and social media, and editoria eadership. (L)

\section*{MCOMM 40}

18 lecture hours
Transferable to CSU
This course is designed to familiarize students with the online learning environment and prepare them to successfully complete an online course. Students will be introduced to the technology, the online environment, and managing an onlin
course. Topics include hardware and software requirements, course. Topics include hardware and software requirements,
problem-solving online issues, using additional softwar to review or submit class assignments, effective online communication skills and strategies, online assessmen tools, critical thinking in the online environment, ethical onlin behavior, and emerging learning technologies. Not open for
credit to students with credit in EDUC 40 . Grades are P/NP.

\section*{Mathematics}

\section*{MATHEMATICS}
(Associate in Science)

\section*{ents who complete this program should be able to}
1. Perform operations on mathematical objects e.e.g. numbers, expressions, functions, matrices)
3. Graph equations, functions inequalities
4. Solve applied problems using mathematical or statisisical methods
5. Prove identities and theorems
5. Prove identities and theorems f. Apply definitions, notation and properties of mathematical concepts

Required Courses
Units
MATH 1A Single Variable Caculus I-
Early Transcendentals.
Calculus....... \(\cdots . . . . . . . . . . ~ 5 ~ 5 ~\)
ATH 1B Single Variable Calculus II --
Early Transcendentals........
MATH 3 Linear Algebra ...
ATH 25 Finite Math OR
STAT 1 Introduction to Staticu........................................... 3
MATH 10 Liberal Arts Math OR
otal units required for degree majo
Students earming an AAAAS degree must complete a minimumum of 18 units on
General Education requirements, the multiculturala graduation nequirement, and the heath requirement, in addition to the program units listed here. Student
must complete a total of 60 degree applicable units to earm an A \(A\) orAs. Pleas see your counselo f for additional information.

The Associate in Science in Mathematics for Transfer designed for students for transfer into the CSU system o complete a bachelor's degree in Mathematics or similar to comp
major.


\section*{MATH 1A}

72 lecture hours
Single Variable Calculus I -- 4 units Early Transcendentals
Prerequisite: Satisfactory completion of: MATH 20 and MATH or score on the mathematics placement test.
ransferable to CSU/UC - UC Unit Limit
C-ID MATH 210
A first course in differential and integral calculus of single variable: functions; limits and continuity; techniques and applications of differentiation and integration; Fundamenta Engineering, and Math Majors. Grades are P/NP option. (L)

\section*{MATH 1B}

Single Variable Calculus II -- \(\quad 4\) units
Early Transcendentals
2 lecture hours
72 lecture hours
factory completion of: MATH 1 A
Transferable to CSU/UC
C-ID MATH 220
A second course in differential and integral calculus of a single variable: integration; techniques of integration; infinite sequences and series; polar and parametric equations; applications of integration. Primarily for science, technology

72 MATH 1C
Prerequisite: Satic
Prerequiste: Satisfactory completion of: MATH 1B Transferable to CSUIUC
C-ID MATH 230
Vector valued functions, calculus of functions of more than ne variable, partial derivatives, multiple integration, Green's

\section*{,}

MATH 2

\section*{Ordinary
Equations}

4 lecture hours
Prerequisite: Satisfactory completion of: MATH \(1 B\) Transferable to CSU/U
ID MATH 240
he course is an introduction to ordinary differential equations including both quantitative and qualitative methods as well
as applications from a variety of disciplines. Introduce the theoretical aspects of differential equations, incluce establishing when solution(s) exist, and techniques fo ransforms and linear systems. (L,M)

MATH 3
Linear Algebra
3 units

\section*{54 lecture hours}

Prerequisite: Satisfactory completion of: MATH \(1 B\)
Other: Recommended successful completion of MATH 1 C Transferable to C
-ID MATH 25
This course develops the techniques and theory needed
th solve and classify systems of linar so solve and Classify systems of linear equations. Solution
techniques include row and matrix algebra. Investigates the properties of vectors in two and three dimensions, leading to the notion of an abstract including topics such as inner products, norms, orthogonality eigenvalues, eigenspaces, and linear transformations Selected applications of linear algebra are included. (L,M)

\section*{MATH 9}

Calculus for Business,
Social and Life Science
72 lecture hours
Prerequisite: Satisfactory completion of: MATH 52 or MATH 52B or a satisfactory score on the mathematics placement tes C-ID MATH 140
Topics of calculus including differentiation, integration, graphs, limits, and rates. Applications from economics, business, life science, and behavioral science. Not open for credit to student MATH 10 Liberal Arts Mathematics 54 lecture hours
Prerequisite: Satisfactory completion of: MATH 52 or a satisfactory score on the mathematics placement test. Transferable to CSU/UC
Designed for students majoring in areas other than science and applications of math. Some typical topics, to be chosen by instructor, may include probability and statistics, sequence and series, population growth, graph theory, geometry and opology, number theory, history of
methods and apportionment. (L,M)

\section*{MATH 15}

Concepts and Structures
3 units
54 lecture hours
Prerequisite: Satisfactory completion of: MATH 52 or MATH 52 A and MATH 52B or satisfactory score on the mathematics placement test.
Transferable to CSUIUC - UC Unit Limi
-ID MATH 120
This course focuses on the development of quantitativ reasoning skills through in-depth, integrated explorations
topics in mathematics, including real number systems an subsystems. Emphasis is on comprehension and analysis of mathematical concepts and applications of logical reasoning \(\underset{\text { (L) }}{\text { mathe }}\)

\section*{MATH 16}

4 lecture hours
Prerequisite: Satisfactory completion of: MATH 51 and MATH
Transferable to CSU/UC - UC Unit Limit
Designed for students who plan to become elementary chool teachers. Problem-solving, probability and statistics, on topics of currant the metric system, and geometry. Essays presentations, and a study of techniques and materials used today's elementary school classroom may also be included. (L,M)
72 lecture hours
College Algebra
4 units
Prerequisite: Satisfactory completion of: MATH 52 or MATH 52 B or a satisfactory score on the mathematics placement test. Transferable to CSU/UC
-ID MATH 151
Ollege level course in algebra for majors in science echnology, engineering, and mathematics. Topics include ad logarithmic functions, systems of equations, theory of polynomial equations, and analytic geometry. (L,M)

4 lecture hours
Plane Trigonometry 3 units
Sect 52 or MATH 52 B or satisfactory score on the mathematics placement test. Transferable to CSU
-ID MATH 851
The study of trigonometric functions, their inverses and eir graphs, identities and proofs related to trigonometric
 nes, polar coordinates, and introduction to vectors. ( \(L, M\) ) MATH \(25 \quad\) Finite Mathematics
54 lecture hours
sfactory completion of: MATH 52 or MATH
Prerequisite: Satisfactory completion of: MATH 52 or MATH
52B or a satisfactory score on the mathematics placement test. 2 B a a satisfactory score the mathematics placement tes Transferable to C
C-ID MATH 130

TH 130
inear functions, systems of linear equations and inequalities, matrices, linear programming, mathematics of finance, ets and Venn diagrams, combinatorial techniques and an introduction to probability.Ap

MATH 51
54 lecture hour
Plane Geometry
Prerequisite: Satisfactory completion of: MATH 50
Introductory plane geometry, the study of geometric
relationshiss in the plane from inductive and deductive viewpoints. Satisfies the university admission requirements of high school plane geometry. (L,M)
MATH 52
Intermediate Algebra
72 lecture hours 4 units

Prerequisite: Satisfactory completion of: MATH 101 or MATH To To prepare students to take transfer-level mathematics or factoring of polynomials; rational and radical expressions and equations; functions (general); linear, quadratic, exponentia and logarithm functions and equations; graphs; distance midpoint, and circles in the Cartesian plane, applicatio

MATH 52A
Intermediate Algebra
3 units
54 lecture hours

\section*{Intermedi
First Half}
factory completion of: MATH 101 Or MATH . Together with Math 52B, this course prepares students to tak ransfer-level mathematics or statistics courses. Topics include real and complex numbers; factoring of polynomials; rationa equations; application problems. Designed for a variety of students, especially those who are math anxious or require a slower-paced, year-long version of Math 52. Math 52A and 52 Bust both be completed successfully to be equivalent Math 52 as a prerequisite or to meet degree requirement MATH 52B

\section*{Intermediate Alge}

54 lecture hours
factory completion of: MATH 52A Together with Math 52A, this course prepares students to take ranster-level mathematics or statistics courses. Topics logarithm functions and equations; qraphs;'; distance midpoint and circles in the Cartesian plane: application problem Designed for a variety of students, especially those who are math anxious or require a slower-paced, year-long versio of Math 52 . Math 52 A and 52 B must both be completed to meet degree requirements. Grades are P/NP option. (L)

MATH 55 History of Algebra
54 lecture hours
3 units
1018 or qualifying score on the etion of: MATH 101 or MATH history of algebra from ancient times up to the 18 thent testury. Introduction to a variety of number systems; the operations of addition, subtraction, multiplication, and division, and the inding of square roots; sets and logic; rational, irrational, real, and cubic equations; and applications (including proportions, variation, compound interest, exponential growth and decay). Ideas and methods from different parts of the world and a different times are mainly presented in their historical contex This course satisfies the AA and AS degree requirement, but it or statistics course. Grades are P/NP option. (L)
MATH 58
\[
\begin{aligned}
& \text { Mathematics for } \\
& \text { for Everyday Living }
\end{aligned}
\]

4 lecture hours
rerequisite: Satisfactory completion of: MATH 101 or MATH 01B. Or by placement exam.
Interpretation of and reasoning with quantitative information Coverage of logic; units analysis; uses and abuses of and statistics. This course satisfies the AA and AS degre equirement but does not satisfy the prerequisite for

ATH 10
Elementary Algebra
4 units
72 lecture hours
Prerequisite: Satisfactory completion of: MATH 111 qualifying score on the mathematics placement test.
To prepare students to take Intermediate Algebra. Topics
include: real numbers; algebraic expressions; linear equations and systems of linear equations; linear inequalities in one and two variables (simple, compound, system); scientific notation; graphs and equations of lines in the Cartesian plane itroduction to functions and their graphs; absolute value NP option. (L)
MATH 101A Elementary Algebr
4 lecture hours
First Half
erequite: Satisfactory completion of. MATH 111 or qualifying score on the mathematics placement test.
Together with Math 101B, to prepare students to take thermediate Algebra. Topics include: real numbers; algebraic (graphical); linear inequalities in one variable (simple); graph and equations of lines in the Cartesian plane; introduction to unctions and their graphs; application problems. Designed for variety of students, especially those who are math anxious or 101A and Math 101 B must both be completed successfully to e equivalent to Math 101 as a prerequisite to meet degre equiranents. Grads ar P/NP option

\section*{MATH 101B}

Elementary Algebra
54 lecture hours
Prerequisite: Satisfactory completion of: MATH 101A Together with Math 101A, to prepare students to take expressions; systems of linear equations (algebraic); linea inequalities in one and two variables (compound, system)
scientific notation; absolute value function and equation scientific notation, absolute value function atd equation
application problems. Designed for a variety of students, especially those who are math anxious or require a slowerpaced, year-long version of Math 101. Math 101A and 101B, if taken sequentially, can subssitute for Math 101 a a prerequisite to meet degree requirements. Grades are

\section*{MATH 111}

Prealgebra
4 units
72 lectu
4 units
Prepares sudents to take Elementary Algebra. Topics include real numbers; algebraic expressions; linear equations
basic facts from geometry, including perimeter, area, and the Pythagorean theorem; ratio, proportion, and percen conversio of units of are P/NP option. (L)

\section*{METAL WORKING-WEL DING \\ (see Welding)}

\section*{Music}

Classes with " \(R\) " can be taken a total of four times but are subject to Family of Classes restrictions on page 171.

The Associate in Arts in Music for Transfer degree prepares Udents to transfer to a California State University to seek a achelor of Arts in General Music degree. Completion of this degree with a minimum GPA of 2.0 guarantees admission to he CSU System. Students must audition with an instrumen of choice or voice to be admitted into the program to take he appied skills course. students will need to audition to transfer to seek a Bachelor of Music or Bachelor of Music ducation degree will need additional courses, and should select AA in Music.
(Associate in Arts for Transfer)
Students who complete this program should be able to:
1. Analyze a short musical work by applying intermediate-evel music theory2 Demonstrate basic musicianship skills in sigightreading, melodic, and har monic dictation.
3.P Publicy yperform selected solo and densemble repentoire, approppriate for collegg

\section*{Required Cours}

\section*{Core Requirements}

MUSIC 1A Elementary Harmony
MUSIC 1B Elementary Harmony......
MUSIC 1D Theory Skills.
MUSIC 2A Advanced Harmon
MUSIC 2B Advanced Harmony UUSIC 2D Theory Skills
MUSIC 2D Theory Skills
Select one from the following and take it for 4 semesters:
MUSIC 30AR Applied Skills: Woodwinds OR
MUSIC 30BR Applied Skills: Brass OR ....
MUSIC 30CR Applied Skills: Composition OR
USIC 30DR Applied Skills: Percussion OR
MUSIC 30GR Applied Skills: Guitar OR
MUSIC 31R Applied Skills: Piano OR
MUSIC 32R Applied Skills: Voice

Ensemble Requirements:
Brass, Percussion and Woodwind majors shall selectSymphonic or Jazz Band. Voice majors shall select choral ensembles. Composition majo
shall selecta combination of instrumental and choral ensembles. Piano Classical Guitar and String majors shall select appropriate ensembles after consultation with Music Department Faculty. Music majors at CSU are usually required to enroll in a major ensemble every semester hne 4 -year program. In order to gain the similar level of experience,
students are recommended to repeat the course as the credit units would allow, and continue to enroll in the \(50-\)-level noncredit equivalen courses after that for the total of 4 semesters.
MUSII 28R Community Jazz Ensemble OR ....................... 3 MUSIC 33R Chamber Singers OR
MUSIC 43R Symphonic Band OR
MUSIC 44R Instrumental Chamber Ensemble OR
MUSIC 54R Community Chorus
Total units required for degree majo .......................................
Students earning an AA-T/AS-T degree must complete 60 semenester units coursework eligible for transfer to the CSU including the CSU GE-B or IGETC Conimiontran ancouses in the major with "c

\section*{MUSIC \\ Associate in Arts}

Students who complete this program should be able to
1. Analyze a short musical work by applying intermediate--vel music theorn monic dicictation basic musicianship skills in siot reading melodic and
sophomores, in theirimajorinstrume
Required Courses
MUSIC 1A Elementary Harmony
MUSIC 1 B Elementary Harmony MUSIC 1C Elementary Theory Skill MUSIC 2D Elantary heory S MUSIC 2B Advanced Harmony MUSIC 2C Advanced Theory Skills MUSIC 2D Advanced Theory Skills MUSIC 8A Music History
MUSIC 8B Music History
Total units required for degree major

General Education requirements, the multiculutural graduation reacuirement of
 see your counselor for additional information.

\title{
MUSIC \(1 \begin{aligned} & \text { Music Skills for } \\ & \text { Pre-Ed Majors }\end{aligned}\)
}

3 units
4 lecture hours
Transferable to CSU
Development and application of basic music skills; study of notation, ryythm, melody, harmony, keyboard, recorder, and previous experience in reading or playing music notation. A east one hour per week of music skills drill required. Not open or credit to students with credit in ECE 21. (L)
MUSIC 1 Music Fundamentals
Effective Spring 2019 -
54 lecture hours
An introduction to the notation and primary elements of tonal music, including staff notation in treble and bass clefs, rhythm and meter, basic properties of sound, intervals, diatonic scales and triads, and diatoonic chords. Students will experience applying the skills learned to basic singing and keyboard
playing. Suitable for both music majors and non-majors who have no previous experience in reading or playing music notation. Not open to students with credit in ECE 21.
MUSIC 1A
Elementary Harmony
3 units
Corequisite: Co
of: MUSIC 1C
Transferable to CSUIUC
-ID MUS 120
CSUIUC

Review of music fundamentals through composition and analysis. Emphasis on principle triads; part-writing procedures nd analysis, incorporating the following concepts: rhythm scales and triads; diatonic chords, basic cadential formula symbols; and non-harmonic tones. Development of skills in handwritten notation is expected. Required of all music major and minors. (L)
\(\begin{array}{ll}\text { MUSIC 1B } & \text { Elementary Harmony } \\ 54 & \text { units }\end{array}\)
54 lecture hours
3 units
Prerequisite: Satisfactory completion of: MUSIC 1A
Corequisite: Concurrent enrollment or satisfactory completion
of: MUSIC 1D
Transferable to CSU/UC
C-ID MUS 13 \(\qquad\)
ontinuation of concepts from MUSIC 1A. Study of diatonic elementary modulation, two-part counterpoint, voice leading involving SATB chorale writing, diatonic harmony and a
introduction to secondary chords and modulation Exercises in introcuction to secondary chords and moduuation. Exercises in Required of all music majors and minors. (L)

MUSIC \(1 C\) Theory Skill 27 lab hours
9 lecture hours, 27 lab hours
Corequisite: Concurrent enrollment or satisfactory completion
of: MUSIC 1A
Transferable to C
C-ID MUS 125
Exercises in applying theoretical concepts to the voice and keyboard developing the rhythmic, melodic, and harmonic elements of beginning theory. Emphasis on ear-training employing exercises in rhythmic reading and dictation, sigh
singing, analysis, and melodic dictation. Required of all music majors and minors.

\section*{music 10} Theory S
urs, 27 lab hours hours Skills
9 lecture hours, 27 rerequisite: Satisfactory completion of: MUSIC \(1 C\)
Corequisite: Concurrent enrollment or satisfactory completion of: MUSIC 1B or MUSIC 2A or MUSIC 2B
Transferable to CSU/UC
C-ID MUS 135
Continuation of MUSIC 1 C . Exercrises in applying theoretical
concepts. Emphasis on ear-training: programmed exercise concepts. Emphasis on ear-training; programmed exercises
in rhyythmic reading; dictation of rhyythmic, melodic, harmonic materials; sight-singing; analysis; and dictation. Required of all music majors and minors.
MUSIC 1E
MUSIC 1E
9 lecture hours,
27
Keyboard
lab hours
Prerequisite: Satisfactory completion of: MUSIC 41A Corequisite: Concurrent enrollment or satisfactory completion Of: MUSIC 1 B or MUSIC
Transferable to CSUIUC
Keyboard application of music theory for music majors. The course prepares students toward piano proficiency exam required at transferring universities.
MUSIC 2A Advanced Harmony
54 lecture hours
Prerequisite: Satisfactory completion of: MUSIC \(1 B\)
Corequisite: Concurrent enrollment or satisfactory completion of: MUSIC 1D or MUSIC 2
Transferable to
Theoretical and practical techniques of chromatic harmony continued from MUSIC 1A, studied through written exercise and analysis, including introduction to chromatic harmony chords). Neapolitan sixth and augmented sixth corrowed Required of all music majors. (L)

\section*{MUSIC 2B Advanced Harmony}
erequisite: Satisfactory completion of: MUSIC 2A orequisite: Concurrent enrollment or satisfactory completion Transferable to CSU/UC
C-ID MUS 150
Continuation of MUSIC 2A. Includes chromatic linea echniques of the common practice period, late 19th century and 20th century techniques studied through analysis and the chromatic third relationship, Neapolitan and augmentedsixth chords, 9th 11th, and 13 th chords, altered chords and dominants, as well as an introduction to 20th century echniques, including impressionism, tone rows, set theory of all music majors. (L)
music \(2 C\)
Advanced Theory Skills
lecture hours, 27 lab hours
Perequisite: Satisfactory completion of: MUSIC 1D
Corequisite: Concurrent enrollment or satisfactory completion
. MUSIC 2A or MUSIC 2
Transferable to
Continuation of MUSIC 1D. Exercises in continuing to apply heoretical concepts to develop rhythm, melody and harmonic materials through ear-training--employing programmed exercises in rhythmic reading and dictation of rhythmic, melodic, and harmonic materials--and sight-singing, analysis, najors. (L) and harmonic dictation. Relo music

USIC 2D Theory Skills
Prerequisite: Satisfactory completion of: MUSIC \(2 C\)
Transferable to CSUIUC
C-ID MUS 155
Continuation of Music 2C. Exercises in applying theoretica oncepts to singing and dictation. Emphasis on ear-training mploying programmed exercises in rhythmic reading inging as well as ear training, analysis and dictation at an advanced level. Required of all music majors

\section*{USIC 2 E \\ d Harmony II}

Keyboard
lab hours
Prerequisite
MUSIC 1E
Transferable to CSU/UC xams required at transferring universities.
MUSIC 3
Music Appreciation
Transferable to CSULU
Sudy of art music in relation to the humanities; music and mposers of the western world from the medieval to the contemporary period. Grades are P/NP option. (L)

54 lecture hour
跧
A chronological survey of Western Art Music with specia emphasis on style development, genres, composers, and important works. Covers the period from antiquity to the early music notation is essene music major. The ability to rea musamples is required. (L)

\section*{music 8B}

Music History II

\section*{54 lecture hours}

Transferable to CSU/UC
A chronological survey of Western Art Music with special emphasis on style, genres, composers, and importan day. Intended for the music major. The ability to read music notation is essential. Extensive listening to recorded example is required. (L)
MUSIC 12 \(\qquad\) Jazz Appreciation
Transferable to CSU/UC
General survey of jazz from its original and early development to present day; extensive listening to recorded and live performance Supports the lecture mate
to students with credit in HUMAN 12
music 14A
Conducting 36 lecture hours, 9 lab hours

\section*{Prerequisite:
MUSIC 1D}

Transferable to CSU
The study of style and technique of conducting with emphasis
on clear baton technique, interpretation, and score analysis. Grades are P/NP option. (L)
MUSIC 15 Popular Music in the
54 lecture hour
Popular Music in
United States

\section*{Transferable to CSU/UC}

A survey of popular music in the United States from about 1850 to the present. Covers American Civil War songs, ragtime blues, jazz, songwriting, musical theater, co
music styles, rock and current trends. (L)

\section*{MUSIC 16}

World Music
54 lecture hours
Transferable to CSU/UC
Anintroduction CSUC cultures including, but not linited to Asia India, the Middll East, Africa, Australia, and South America. Subcultures, such as Native American music and Ethnic North American music are also studied. Grades are P/NP option. (L)
MUSIC 17 Music as Culture 54 lecture hours suuc
A search for a better understanding of what gives music A search for a better understanding of what gives music the nature of sound, meaning, diversity, performance and value judgments.

MUSIC 18 Rock Music History
54 lecture hours
Transferable to CSU Asurvey of Rock music history with emphasis on its importance
o culture and popular music. Covers the roots of rock, mergence and early styles, The Beatles/British Invasion, San Francisco, Folk Rock, Soul and Motown, Jazz Rock, Art Rock,
hainstream, Heavy Metal Dance Rap and Hip-Hop culture, Mainstream, Heavy Metal, Dance, Rap
Alternative and Progressive Rock. (L)
MUSIC 26
Musical Theatre Workshop 3 units
162 lab hours
Transferable to CSU
Fundamentals of musical theatre performance; singing, acting, dancing, orchestra, and technical stagework. Students may specialize in area of interest. Works to be selected from various periods and styles. Participation in Yuba colleg credit in THART 26.
MUSIC 28 R
lecture hours, 27 lammu hous
tudy and performance of Jazz music literature. Grades are

9 lecture hours, 27 lab hours
ther: Audition Required (Students may enroll in the course,
ut may be dropped based on the audition result)
Transferable to CSUIUC
C-ID MUS 10
This course consists of individualized study of the appropriate echniques and repertoire for a woodwind instrument. The emphasis is on the progressive improvement of technica kills necessary for solo performance For music and othe concentration in either flute, oboe, clarinet, saxophone or bassoon.
MUSIC 30BR Applied Skills: Brass
9 lecture hours, 27 lab hours
Corequisite: Concurrent enrollment or satisfactory completion
orequisite: Concurrent enrollment or satisfactory completion
of: MUSIC 1C or MUSIC 2C or MUSIC 1D or MUSIC 2D.
ther: Previous performance experience helpful.
Transferable to CSU/UC
mprovement of technical facility, musicianship and performing aspects of a brass instrument. For music majors with a euphonium or tuba. (Repeatable: May be taken four times only.)
MUSIC 30CR Applied Skills: Composition 1 unit lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 2A or Consent of Instructor.
Transferable to CSU/UC
Application of theory and harmony skills to original music istruments. (composing art music for piano, voice and othe

9 lecture hours, 27 lab hours
Corequisite Current enrol Of: Muser: Previour MUSIC 2C or MUSIC 1D or MUSIC 2D. Transferable to CSUIUC
Improvement of technical faciilty, musicianship and performing aspects of a percussion instruments. For music majors with concentration in snare drum, timpani, and mallet instruments.
(Repeatable: May be taken four times only.)
MUSIC 30ER Applied Skills: String 9 lecture hours, 27 lab hours

1 unit Corequisite: Concurrent enrollment or satisfactory completio Other: Previous performance experience helpful. Transferable to CSU/UC
Improvement of technical facility, musicianship and performing aspects of string instruments. For music majors with concentration in violin, viola, cello or contrabass. (Repeatable: May be taken four times only.)

\section*{MUSIC 30GR Applied Skills:}

9 lecture hours, 27 lab hours
Corequisite: Concurrent enrollment or satisfactory completio of: MUSIC 1C or MUSIC 2 C or MUSIC 1 D or MUSIC 2 D . Other: Previous performance experience helpful. Transferable to CSUIUC
Improvement of technical faciility, musicianship and performing
aspects of the Classical Guitar aspects of the Classical Guitar. Repeatable: May be take es only.
MUSIC 31R Applied Skills-Piano
lecture hours, 27 lab hours
(Students may enroll in the cours before the audition, but may be dropped based on the audition result); The student must already possess basic music reading skills, fundamental technical skills such as ability to play and some prior experience in playing intermediate solo pian literature. Students without these skills should take elementary or intermediate piano classes first to gain the proficiency leve before taking the course
Transferable to
C-ID MUS 160
Individualized instruction in advanced piano techniques, performance skills, and repertoire. The emphasis is on the progressive development of skills needed for solo performance. Public performance is required. Achievement is
evaluated through a juried performance. Audition is required. For music majors with a piano concentration

MUSIC 32R Applied Skills: Voice
lecture hours, 27 lab hours
ther: Audition Required (Students may enroll in the course n the audition result); The studen nging skills such as \(m\) basic music reading skills, fundamental nd some prior experience in solo or ensemble singue, tudents without these skills sholo or ensemble singing lasses first to gain the proficiency level before taking this ourse.

\section*{Transferable to CSUIUC}
ndividualized instruction in vocal techniques, performance sills, and vocal repertoire. The emphasis is on the progressive performance is required. Achievement is evaluated through a juried performance.
MUSIC 33R Chamber Singers
36 lecture hours, 54 lab hours
Other: By audition only
Transferable to CSU/UC
mall vocal ensemble; study, preparation and performance f sacred and secular music from Renaissance through contemporary period in style. Audition is required. (Repeatable
usic 3 R
lecture hours, 27 lancert Chours
Transferable to CSU/UC
tudy, rehearsal and performance of the standard chora erature from various style periods and cultures. (Repeatable: ,

MUSIC 35 Beginning Guitar
lecture hours, 27 lab hours ( 1 unit)
7 lecture hours, 27 lab hours (2 units)
ransferable to CSU/UC
Transferable to CSU/UC
Basic guitar technique with an emphasis on melody and
MUSIC 36 Intermediate Guitar v1-2 units
lecture hours, 27 lab hours (1 unit)
27 lecture hours, 27 lab hours (2 units)
Prerequisite: Satisfactory completion of: MUSIC 35
Transferable to CSUIUC
termediate guitar technique with an emphasis on melody and chording.

\section*{USIC 36A Intermediate Guita}
lecture hours, 27 lab hours Pletion of: MUSIC 3 Transferable to CSU
ntermediate guitar technique with an emphasis on melody and chording.
MUSIC 36B Intermediate Guitar
9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 36A
Transferable to CSU
ntermediate guitar technique with an emphasis on melody nd chording.

MUSIC 36C Intermediate Guita
lecture hours, 27 lab hours
mpletion of: MUSIC 36B
Transfera
Intermediate guitar technique with an emphasis on melody
and chording

\section*{dic 37 A}

MUSIC 37A Indian Music Ensemble I
1 unit 9 lecture hours, 27 lab hours
Students will receive hands-on musical instruction in North Indian music on instruments such as Tabla, Sitar, Harmonium and/or vocals. Students are welcome to bring their own nonmusical experience is necessary. This course will serve a an introduction to Indian music. Topics covered will include instrument maintenance, tuning, exercises, and basic

MUSIC 37B \(\qquad\) Indian Mus hours
Prerequisite: Satisfactory com

\section*{Transferable to CSUIUC}

Students will receive hands-on musical instruction in North ndian music on instruments such as Tabla, Sitar, Harmonium, and/or vocals. Students are welcome to bring their own discussed will include the theory of Idian music basicplayin techniques, and methods for practicing. Students will hea ive demonstrations of Indian music, as well as video clips of important musicians such as Ravi Shankar, Ali Akbar Khan, and others. Grades are P/NP option.
music 37C
Indian Music Ensemble III 9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC 37 B
Transferable to CSUNC
Indian music on instruments such musical instruction in North and/or vocals. Students are welcome to bring their own nonIndian instruments (e.g. guitar, violin, flute, etc.). An emphasis will be placed on cycla). Topics discussed will include the
and Tala (rhythm cycles) many types of traditional compositions as well as methods for improvisation. Grades are P/NP option.

\section*{MUSIC 37D Indian Mu}
usic Ensemble IV 9 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: MUSIC \(37 C\) Transferable to CSU/UC
Students will receive hands-on musical instruction in North Indian music on instruments such as Tabla, sitar, Harmoinum
and/or vocals. Students are welcome to bring their own non-Indian instruments (e.g. guitar, violin, flute, etc.). Topics discussed will include the historical, cultural and philosophica contexts of indian music as well as advanced topics related to are P/NP option.

MUSIC 40A Elementary Voice I
9 lecture hours, 27 lab hours
9 lecture hours, 27 lab ho
Transferable to CSUIUC
Group instruction in elementary vocal techniques, including skills. The students will develop these techniques and performance anxiety management through learning beginningvel songs and performing them for each other in class Grades are P/NP option.
MUSIC 40B Elementary Voice II
lecture hours, 27 lab hours
rerequisite: Satisfactory completion of: MUSIC 40A. Or by Transferable to CSU/UC
Group instruction in elementary vocal techniques, including one production, breathing, diction, and basic music reading kills. The students will further develop these techniques MUSIC 40A to gain more faciility and awareness in performing rt songs and musical theater type repertoire for each other class. Grades are P/NP option.
MUSIC 40C Intermediate Voice
27 lab hours
lecture hours, 27 lab hours Voice 1 unit
Prerequisite: Satisfactory completion of: MUSIC 40B. Or by lacement exam
Transferable to CSUIUC
roup instruction in intermediate vocal techniques, including reathing, body alignment, phonation, resonation and olfege, efficient practice habits, evaluation of vocal problems, extual analysis and expressive interpretation. Students w and performing art songs including two in foreign languages and musical theater type repertoire in front of an audience with ncreasing confidence, ease and aesthetic sensitivity. Grades are P/NP option

Intermediate Voice II
lecture hours, 27 lab hours
rerequisite: Satisfactory completion of: MUSIC 40B placement exam
Transferable to CSU/UC Group instruction in intermediate vocal techniques. As
ontinuation of MUSIC 40 C , students will develop a thorough nderstanding of vocal mechanisms and skills in order to iterrret problems in singing and to extrapolate appropriat and performance of various vocal literature through analysis, interpretation and public performances. Grades are P/N ption.
MUSIC 41A Elementary Piano
lecture hours, 27 lab hours
Transferable to CSU/UC
Elementary piano, covering the fundamentals of keyboard eory and technique, reading, solo and ensemble repertoire and creative activities. (L)

MUSIC 41B Elementary Piano
9 lecture hours, 27 lab hours
Prerequisite: MUSIC 41A Apporal
Transferable to CSUIUC
Elementary piano covering the fundamentals of keyboard theory and technique, reading, solo and ensemble repertoir and creative activities.
MUSIC 42 Intermed
27 lab hours
Prerequisite: MUSIC 41B
Prerequisite: MUSIC 41B
Transferable to CSU/UC
Group piano class for students with at least one year o concentrated piano study. Emphasis on technique, repertoire and sight reading skills. (L)
MUSIC 42A
9 lecture hours
Intermediate Piano
\[
9 \text { lecture hours, } 27 \text { lab hours }
\]

1 unit

\section*{Prerequí
Audition}

Transferable to CSU
Group piano class for students with at least one year of concentrated piano study. Emphasis on technique, repertoir and sight reading skills. (L)
MUSIC 42B Intermediate Piano II
9 lecture hours, 27 lab hour
Transferable to CSU
Group piano class for students with at least one year concentrated piano study. Emphasis on technique, repertoire and sight reading skills. (L)
MUSIC 43R Symphonic Band
18 lecture hours, 54 lab hours
2 units
Prerequisite: Audition Required. (Students may enroll in the course before the audition, but may be dropped based on th audition result).
Transferase to CSUIUC
This course is for the study, rehearsal and public performance of symphonic band literature, with an emphasis on the Different literature will be studied each semester. Thsemble, is repeatable for credit the maximum times allowable by regulation. Grades are P/NP option.
MUSIC 44R Instrumental Chamber
2 units

\section*{18 lecture hours, 54 lab hours}

Other: Ability to read music.
Transferable to CSU/UC
Study and performance of chamber music utilizing bras percussion, string or woodwind instruments in small group ens

MUSIC 54R Community Choru
lecture hours, 27 lab hours
of the 1 ur literature including oratorio, cantata, and extended choral works and opera choruses. Open to all students and members works and opera choruses. Open to all students and members
of the community. Two class hours per week. Grades are P/
NP. (L)

\section*{APPLIED MUSIC SKILLS}

Family of Classes
las more than four classes can be attempted within each family of MUSIC 30AR-Applied Skills: Woodwinds MUSIC 30BR-Applied Skills: Brass MUSIC 30CR-Applied Skills: Composition MUSIC 30DR-Applied Skills: Percussia
MUSIC 30ER-Applied Skills: Strings MUSIC 30GR-Applied Skills: Classical Guitar USIC 31R-Applied Skills-Piano

\section*{HORAL ENSEMBLE}

ERFORMANCE:
No more than four classes can be attempted within each family of
asses listed below. See page 50 for details,
MUSIC 33R-Chamber Choir
MUSIC 54R-Community Choru

\section*{CONDUCTING:}

Family of Classes
No more than four classes can be attempted within each family of UUSIC 14A-Conducting

\section*{GUITAR}

Family of Classes
No more than four classes can be a ttempted within each family of
dasses listed below. See page 50 for details.) MUSIC 35-Beginning Guitar MUSIC 36A-Intermediate Guita USIC 36 B -intermediale Guita

\section*{NSTRUMENTAL ENSEMBLE} PERFORMANCE
Family of Classes
No more than four classes can be attempted within each family of lasses listed below. See page 50 for details.) MUSIC 28R-Community Jazz
MUSIC 44R-Instrumental Chamber Ensemble
NSTRUMENTAL ENSEMBLE/
ERFORMANCE
Family of Classes
(No more than four classes can be attempted
classes listed below See page 50 for details.)
MUSIC 37A-Indian Music Ensemble I
MUSIC 37B-Indian Music Ensemble II
MUSIC 37D-Indian Music Ensemble IV

\section*{MUSICAL THEATRE:}
-amily of Classes
dasses listed beuor classes can be attempted within each family MUSIC 26-Musical Theatre Worksho

\section*{Family of Classes}

No more than four classes can be attempted within each family of
lasses listed below. See page 50 for details. lasses listed below. See pagese 50 for detail
MUSIC \(41 \mathrm{~A}-\mathrm{Flementary} \mathrm{Piano}\)

\section*{MUSIC 41B-Elementary Piano}

MUSIC 42A-Intermediate Piano
MUSIC 42B-Intermediate II Piano

\section*{VOICE.}

Family of Classes
No more than four classes can be attempted within each family of classes
isted below. See page 50 for detives MUSIC 40A-Elementary Voice MUSIC 40B-Elementary Voice MUSIC 40C-Intermediate Voice

\section*{Non-Credit Classes}

EMT 510
54 lab hours

\section*{Health Care Provider CPR}

The American Heart Association's new basic life support Guidelines Update for CPR and ECC. This course teaches both single-rescuer and team basic life support skills for applicatio in both prenospital and in-facility environments, with a focus

ESL \(512 \quad \begin{aligned} & \text { Low-Beginning Listening and } \\ & \text { Pronunciation }\end{aligned}\)
54 lab hours Low-Beginning
\(\qquad\)
ement exam
inceased listening piation for beginners. Emphasis on ncreased listening and comprehension and oral fluency
of simple spoken English in common daily personal communication. Novice vocabulary and structures. Concurrent enroiment in Es.
ESL 513
Low-Beginning Grammar
4 lab hours
ourse in basic grammar for low-beginning ESL students. It introduces students who have very litte, if any background in English to basic simple sentences containing erbs BE and HAVE, simple present tense, and presen continuous tense. Concurrent enrollment in ESL 212/512, ES

ESL 514LR
English Conversation, Level 1
90 lab hours
in conversation for low-beginning ESL tudents. Develops basic listening and speaking skills using everyday conversation in small groups and one-onne. Emphasis on listening comprehension, pronunciation intonalion, and role-playg simulans. students will develop basic English vocabulary and grammar necessary
for successful communication. Topics include personal an amily information, daily activities, and other subjects of genera Iterest. Concurrent enrollment in ESL 212/512, 213/513

ESL 515 Integrated Skills, Level 1
O lab hours
Prerequisite: Placement exam
anguage development for low-beginning, limited English writing, listening, speaking, and grammar. This is the first course in a series of six. Prepares students for ESL 225/ ESL
525 and other level two ESL courses.

\section*{ESL516A Academic Reading and Wiling for ESL} 64-72 lab hours
Prerequisite: Satisfactory completion of: ESL 268 or ESL
568 or ESL 265 This course 265 or ESL 565 . Or by placement exam writing skills including the development of basic reading and vocabulary development, grammar and mechanics, simple and compound sentences, paragraph development, summarywork to strengthen basic reading and writing skills. Concurrent enrollment in 40A, 40B, and/or 40C recommended.

64-72 lab hours
Prerequisite: Satisfactory completion of: ESL 116A or ESL 516A. Or by placement exam
This course emphasizes the development of reading and and clauses, grammar and mechanics, paragraphs, summaryresponse, short essays, the writing process, and small group and whole class work to strengthen basic reading skills, mak inferences and read citcally. Co Cecommended.

ESL 522
54 lab hours
Beg Listening and Pronunciatio
Prerequisiste: Satisfactory completion in: ESL 212 or ESL
512. Or by placemet This course covers listenin
Emphasis will be placed on increasing listening comprehensio and oral fluency of simple spoken English in common daily in ESL \(223 / 523,224 / 524,225 / 525\), and \(226 \mathrm{~L} / 526 \mathrm{~L}\) R is highly
in recommended.

\section*{ESL 523
54 lab hour}

Beginning Grammar

\section*{54 lab hours
Prerequisite: Satisfactory con
or. Or by placement exam}
or. Or by placement exam. Beginning grammar for ESL students. This course introduce students who have little background in English to basic
simple sentences and short paragraphs in simple prese tense and present continuous tense. Concurrent enrollment in ESL 225/525, ESL 222/522, and/or 224/524 is highly recommende

\section*{ESL 524LR \\ English Conversation, Level 2}

90 lab hours
Prerequisite: Satisfactory completion in: ESL 214LR or ES Prerequisite: Satisfactory con
514. Or by placement exam.
514. Or by placement exam.
The second course in conversation for low-beginning ESL The second course in conversation for low-beginning ESL
students. Builds on basic listening and speaking skills using everyday conversation in small groups and one-onone. Emphasis on listening comprehension, pronunciation intonation, and role-playing simulations. Students will furthe
develop English vocabulary and grammar necessary for develop English vocabulary and grammar necessary for
successful communication. Topics include comparison students' and American cultures, geographic directions clarification techniques, and other subjects of interes Concurrent enrolin and \(226 \mathrm{~L} / 526 \mathrm{~L}\) R is highly recommended.

ESL 525 Integrated ESL Skills, Level 2
Prerequisite: Satisfactory completion of: ESL 215 or ESL 515. Or by placement exam.

Language development for beginning, limited English speakers. Concentration on all language skills: reading, writing, stening, speaking, and grammar. This is the second course in evel three ESL courses.

SL 526LR English As a Second Language, Lab uplements
h as a Second La courses by providing additional academic support, practice and exercises in grammar, reading, writing, vocabulary stening comprehension, pronunciation, speaking and onversation. Students receive individualized and grou struction under supervision as needed.

\section*{ESL 533
54 lab hours}

\section*{hi-Beginning Grammar}

4 lab hours 523. Or by placement exam.

High-beginning grammar for ESL students. This cours introduces students who have beginning language skills to simple sentences and short paragraphs in simple past and past ontinuous tenses. Concurrent enrollment in ESL 235/535, SL 535 Integrated ESL Skills, Level 3
0-90 lab hours \(\qquad\) 525. Or by placement exam.

Language development for high-beginning limited English peakers; concentration on all language skills: listening speaking, reading, writing, and grammar. This is the third ESL level four courses.
ESL 539ECE English Skills for Parents and Child 80-90 lab hours Care Providers
Prerequisite: Or by placement exam
This high-beginning course develops oral and written ommunication skills in standard English within the contex child care, child rearing, and parenting. Students develop and practice the listening, speaking, reading, and writing gkills
useful for communicating with and about children at different tages of development on topics including day-to-day care eath, and safety. This course is intended for non-native speakers of English who are parents, grandparents, child
care providers, preschool teachers, and students of Child evelopment. This course is recommended for non-native speakers at high-beginning level. It is recommended that

ESL 539MAT The Language of Arithmetic for
48-54 lab hours ESL Students

Prerequisie: Satisfactory completion of: ESL 223 or ESL
25; ESL 523 or ESLL Lev23 or ESL 525. Other: (Placement Exam Score) demonstrate via the placement exam above. Students should \(223 / 523\) and/or \(225 / 525\) that they have achieved a highbeginning competency of English to better their chance of success in this course. Not open to students who have successfully completed ESL 259MAT/559MAT. Or by placement exam
This course is intended to develop the abilities of speakers
of other languages and (2) write, in words, numbers, and notations, and (3) verbally express the language of arithmetic necessary for appropriat computations using whole numbers within standards of the limited to addition, subtraction, multiplication, and division.

\section*{ESL 540A}

48-54 lab hours
263. Or by placement exam
introduces sed grammar for ESL students. This course them to read write and speak English with and teache accuracy and fluency in real-life contexts Includes a function study of the 12 tenses. Concurrent enrollment in ESL 116A/B,

ESL 540B
\(\qquad\) Advanced Grammar
48 -54 lab hours
Prerequisite: Satisfactory completion of: ESL 540A or ESL 40A. Or by placement exam.
Advanced grammar for ESL students. This course introduces read, write and speak English with grammatical accuracy and fluency in real-life contexts. Includes a functional study of both nominal and adjectival phrases and clauses, articles, modals, and passive constructions. Concurrent enrollmen ESL 540

\section*{High-Advanced Gramma}

ESL 540
Prerequisite: Satisfactory completion of: ESL 540B or ESL 40B. Or by placement exam.
High-advanced grammar for ESL students. This course introduces students to a theme-based grammar and teache hem to read, write and speak English with grammatic infinitives, conjunctions, conditionals, and adverb clauses Concurrent enrollment in ESL 116A/B, ESL 516A/B, or ENG 05/51/56/1A is highly recommended.

\section*{54 lab 543 Low-Intermediate Grammar \\ 54 lab hours}

Prerequisite: Satisfactory completion of: ESL 233 or ESL

ow-intermediate grammar for ESL students. This course ompound and comple writing paragraphs containing both Concurrent enrollment in ESL 242/542, ESL 244/544, and ESL \(245 / 545\) is highly recommended

ESL 545 Integrated Skills, Level
Prerequisite: Sa
stisfactory
535. Or by placement exam

Language development for low-intermediate limited English speakers. Concentration on all language skills: listening peaking, reading, writing, and grammar. This is the fourth English at the low-intermediate level.

ESL 546LR English As a Second Language, Lab 2
37-54 lab hours
Supplements English as a Second Language Levels support, practice, and exercises and other academic activities in grammar, reading, writing, vocabulary, listening comprehension, pronucialion, and conversalion. Student as needed.
ESL 549COM Computer Skills for
54 lab hours

\section*{ESL Students}

Provides students with the basic computer and word rocessing skills necessary to format, type, retrieve, and revis mple documents. Students learn to use varied software and perform basic research related to their academic needs an work on English skills, such as reading and following directions both reading and listening), and development of vocabulary elated to computers. Intended for non-native English speakers with at least low-intermediate English proficiency. Concurren recommended.
ESL 553 Intermediate Grammar
54 lab hours
Prerequisite: Satisfactory con
543. Or by placement exam.
43. Or by placement exam. Intermediate grammar for ESL students. This course introduces tudents to writing paragraphs containing compound and complex sentences in present, past, and future tenses, \(252 / 552\) is highly recommended.

ESL 555 integrated ESL Skills, Level
\(80-90\) lab hours
Prerequisite: Satisfactory completion of: ESL 245 or ESL 545. Or by placement exam.

Language development for intermediate limited English speakers. Concentration on all language skills - reading writing, speaking, listening, and grammar. This non-cred course is the 5 a series of six non-credit integrated sk certificate of completion in English at the high-intermediat


\section*{ESL 558
72 lab hours}
545. Or by placement exam.

Writing for intermediate ESL. Develops ability to write more
detailed paragraphs using simple in varied verb tenses with proper grammar and mentence Concurrent enrollment in ESL 253/553 and 255/555 highly recommended.
ESL 559 English for Employment
48-54 lab hours
Prerequisite: Or by placement exam
Prepares students for vocational training and/or employment. Includes vocabulary for the world of work and skill developmen
for job search, application and job retention. Intended for no native English speakers with at least intermediate English proficiency. Concurrent enrollment in ESL 252, 253, 25 257,258 and/or 255 and above is highly recommended. (C,L) ESL 559MAT The Language of Mathematics for ESL
80 lab hours Students
Prerequisite: Satisfactory completion of: ESL 233 or ESL 235. Or by placement exam.

This course develops the English speaking abilities of nonnative English speakers specifically in regards to the languag and vocabulary of mathematics as it is used in the American verbally express mathematical words, numbers, and notation.

\section*{ESL 563}

\section*{High-Intermediate Grammar}

Prerequisite: Satisfactory completion of: ESL 253 or ESL 553. Or by placement exam

High-intermediate grammar for ESL students. This course compound and complex sentences in present, past, present perfect, and future tenses. Concurrent enrollment in ES

ESL 565 \(\qquad\) Integrated ESL Skills, Level
90 lecture hours
Prerequisite: Satisfactory completion of: ESL 255 or ESL 5.

Language development for high-intermediate limited English writing, speaking, listening, and grammar. This non-credi
wors, is the fift course is the fifth in a series of six non-credit integrated skill
 level.

ESL 568 High-Intermediate Writing Prequisite: Satisfactory completion of: ESL 258 or ES or ESL 255 or ESL 555. Or by placement exam. bility to write longer, correctly formatted paragraphs an short compositions with simple, compound, and complex entences using proper grammar, spelling and verb tenses. Concurrent enrollment in ESL 263/563 and 265/565 is highly recommended.

\section*{FIRTC 590 \\ lab hours \\ Frengher Physical Ability}

Measures the student's ability to perform firefighting job tasks. Instruction on proper methods used for each of the tasks. valuation scores may be used by local fire departments for pre-hire testing.
LEARN 520

\section*{Basic Subject}

Ageneral review of basic concepts of reading, writing, and arithmetic.
LEARN 590 Supervised Tutoring
Individualized and group assistance in specific courses.
LEARN 590A Supervised Tutoring for College
1-162 lab hours
Individualized and group assistance in specific courses.
Supervised Tutoring in Writing
dividualized and small group assistance for reading and writing in courses across the curriculum.

\section*{S 540}

27 lab hour
roup instruction in vocal techniques, tone production, breathing, diction, and their application to the art song man diction are emphasized. ar per week in the Music Lab required.

MUSIC 543
Symphon
54 lab hours
ours
. is on the development of ensemble playing

MUSIC 554 Community Chorus
tudy, rehers, 27 lab hours
Study, rehearsal and performance of the standard choral literature, incluaing oratorio, cantata, opera and extended community.

MUSIC 558 Community Jazz Ensemble
lecture hours, 27 lab hours
tudy and performance of Jazz music literature.

THART 526
162 lab hours
Other: Audition

\section*{Other: A}
dancing this of musical theatre performance; singing, acting dancing, orchestra, and technical stage work. Students may
specialize in area of interest. Works to be selected fro various periods and styles. Participation in Yuba Colleg
production is required production is required
THART 529
54-162 lab hours
College Theatre
Other: Audition; In order to be fully successful in this cours students should already possess so
theatre performance and production.
This course is designed to enrich the artistic expression and life quality of older adults through theatre. This course provide an opportunity for personal growth and development, group interaction, mental stimulation and physical activity through
supervised participation in a college theatre production. Physical, mental, social and emotional well-being ar stimulated hrough a variety of creative and expressive theatro activities related to rehearsal and live performance including and stagecraft. Acting roles requí an audition or interview.

\section*{Nursing}

Nursing is a blend of science, technology, and compas sion that allows the practitioner to provide health care in variety of settings. It is an applied science based upon rinciples from the biological, physical, and behavioral human responses to actual and potential health problems t includes caring for the sick, prevention of disease, and elping people return to and maintain health. Examples of practice settings include acute care hospitals, extended are facilities, home health care, clinics, offices, schools, military service, occupational settings, and more

General Information: Yuba College offers an Associate Degree Nursing (ADN) program leading to licensur advance to the RN level, is also available. Yuba College Nursing offers clinical experiences in a variety of health care settings, including acute care hospitals, extended care acilities, offices, andclinics.Mostlectures are broadcastvia iteractive TV from Yuba College and Woodland Communit oollege. Skills labs in Marysville and Woodland are staffed ncluding videotapes and computer-assisted instructiona programs, simulation, resource books, and professiona Jurnals are also available at both campuses. Upon program ompletion, graduates, unless otherwise disqualified by th解

Costs: In addition to living expenses, standardize xaminations, enrollment fees and books, Yuba Col specific costs. These can include, but are not limited o, nursing uniforms, immunizations, CPR certification malpractice insurance, nurse packs, supplies (stethoscope, name badge, etc.), and a required physical ex mination, criminal background check, and drug screen. 1st semester ADN student is available on the Nursing Department website (http://nursing.yccd.edu/).

Criminal Background and Drug Screening: All students enrolled in nursing and allied health programs are equired to adhere to the District's Policy and Procedure on Criminal Background Checks and Drug Screening. The linics and schools) in Yuba, Sutter Sacramento and Yosits, Counties to provide clinical coursework approved by the California Board of Registered Nursing. All nursing ap licants and currents students must meet the health and thety standards for these clinical agencies at all times round students are required to undergo criminal back linical facilities Any alert on a criminal background check, or positive drug test result, will disqualify an applicant from entering the program. Costs associated with the crimina background and drug screenings are the sole responsibil-
ity of the applicant. Details regarding the District's Policy
and Procedure on Criminal Background Checks and Drug Screening are available on the Nursing Departmentwebsit (http://nursing.yccd.edu/).

Additionally, in accordance with California Board of Registered Nursing regulations, a person convicted of ce nurse. Prospective nursing students are strongly urged to consider this stipulation prior to investing substantial tim and money ifitappears that past criminal acts or conviction could jeopardize an applicant's future eligibility for licensure.

Computer Use: Students are required to complete most assignments and testing using computers. In add tion, hospital records are computerized. Therefore, it is imperative for studens entering the field of nursing to be

Travel and Trainings: Students are required to com plete various hospital trainings specific to the individua partment Training hours are mandatory and are above and beyond individual course hours. Additionally, since clinical facilities are located in Sacramento, Woodland, Yuba, an Sutter Counties, required travel to/from these locations wil be the sole responsibility of the student.

Course Repeats:Yuba College Nursing has adopted a single course repeat policy for all nursing students. Student will only be allowed to fail or withdraw from one cours or withdrawal will result in the student being permanently suspended from the program (Policy 004.0). This applie to Yuba College's NURS 26 Pharmacology and NURS 36 Pathophysiology: Understanding Disease, courses as well

\section*{ASSOCIATE DEGREE IN NURSING (ADN)}

\section*{ADN Admission Requirements:}

Yuba College offers a full-time ADN program designed o prepare students to take the NCLEX, leading to licen merit-based admission process to score and rank program applicants according to a combination of their academic and personal achievements. A detailed description of each criterion, including a breakdown of the total points, as well as the current ADN applicalion packet and supplementil (http://nursing.yccd.edu/). Students are advised to check the website (and/or Facebook) regularly for updates and information related to the application and admission process for the Yuba College ADN program. It is also recommended that all students interested in the ADN program meet with have met all of the program's preadmission requirements.

All prerequisite coursework (or equivalents) must be completed prior to submitting an and must earn a grade of " C " or bette.

LICENSED VOCATIONAL NURSING (LVN) O REGISTERED NURSING (RN)
CAREER LADDER PROGRAM
Option 1: LVN to ADN (RN plus degree): The LVN to ADN pathway consists of both general education and nurs ing core courses to prepare students to take the NCLEX eading to licensure as a registered nurse. Completion of he program qualifies the student to graduate with an ADN from Yuba College and meets the eligibiility requirement for polication packet can be found on the Nursing Department website (http://nursing.yccd.edu/).

Initial Eligibility:LVN toADN applicants are eligible for consideration of admission if they currently hold an active ear California Vocational Nurse License and Intravenous (IV) certification. Recent Vocational Nurse graduates mus rovide proof of licensure prior to attending day one of their sist Yuba Colege Nuring couse. Addionaly, LVN to ocational school of nursing, or demonstrated mastery of course content by challenge examination.

Prerequisite Coursework: All prerequisite oursework (or equivalents) must be completed prior to ubmitting an LVN to ADN program application. All course work must earn a grade of "C" or better

PREREQUISITE COURSEWORK: Units
PREREQUISITE COURSEWORK ired): 4 BIOL 4 Human Anatomy
BIOL 6 Microbiology
English (minimum 2.50 GPA required)
English (minimum 2.50 GPA required):
Additional prerequisite courses
UUS 36 Pathophysiology: Understanding Disease......... 4 MATH 52 Intermediate Algebra (or higher) hBemistry 2 A or
Introduct
FS 10 or HLTH 10 Principles of Nutrition.
PSYCH 1A General Psychology.
Some LVN to ADN prerequisite courses have their own隹equisite(s). Please refer to the current course description for additional information.
\[
\begin{aligned}
& \begin{array}{l}
\text { Students who completet thlis program should be able to: } \\
\text { 1. Comunicate and collaborate with interdisiscipininar health care partners } \\
\text { providing care to a diverse population of patients and fanilies }
\end{array} \\
& \text {. Communicate and collaborate with interisiscipilinary healthca } \\
& \text { 2. Demonstrate problem solving skills while utilizing resources to apply best }
\end{aligned}
\]

General Education and Support Classes
The following coursework must prior to graduation from the LVN to ADN be completed fore, it is strongly recommended that they are completed prior to program entry. All coursework must earn a grad of "C" or better.
SOCIL 1 Introduction to Sociology OR .............................. 3 SOCIL 5 Ethnic Roblems OR............................... ANTHR 2 Cultural Anthropology ............................... SPECH 1 Public Speaking OR
SPECH 6 Group Discuss
Humanities Elective....
Crancer's Formu: The Yura Colege Nusing Chancellor's Formula: The Yuba College Nursing Chancellor's Office Formula to evaluate all IVN to ADN Career Ladder applicants. This formula is based upon combination of individual course GPA in the Core Science and English categories, cumulative GPA for all coursework, and total number of Core Science repeats. This calculation to ADN Career Ladder program Applicants must score at the 80th percentile or higher to qualify for admission. Additional details regarding this formula are available on the Nursing Departmentwebsite (http://nursing.yccd.edu/)

Preadmission Testing and NURS Prerequisite Courses: Qualified applicants who meet the minimum Chancellor's Score requirement will be invited to complet the TEAS-V and LPN Step pre-admission diagnostic as sessment exams. Passing scores ( \(\geq 62 \%\) for the TEAS-V will be permitted to enroll in the following coursework:
Fall, 2015 Semester Only \(\qquad\) Units
Nurs 11 Nursing Practicum Seminar
Nurs 12 Nursing Practicum Seminar
Upon successful completion of all preadmission re quirements, including the NURS prerequisite coursework LVN to ADN applicants will be fully admitted on a space available basis to the third semester of the ADN program

\section*{OPTION 2:}

\section*{LVN TO RN ONLY (30-UNIT OPTION)}

The LVN to RN (30-Unit Option) pathway is a non degree nursing educalation 1429, this option allows the student to be eligible to apply for licensure as a registere nurse in California and to take the NCLEX. However, most other states do not recognize California's LVN to RN (30-1 Unit Option) pathway and will not issue RN Iicensure base higher level (BSN, MSN) may also be limited. Applicant interested in pursuing the 30 -Unit Option should contac the Nursing Department for more information. LVN to RN (30-Unit Option) application materials are available on th
Nursing Department website (http://nursing.yccd. edu/).

Initial Eligibility:LVNto RN(30-UnitOption) applicant re eligible for consideration of admission if they currently hold an active, clar Calificaia Vocalion Nurse Licens graduates must provide proof of licensure prior to attend ing day one of their first Yuba College Nursing course Additionally, LVN to RN (30-Unit Option) applicants must ave graduated from an accredited vocational school of ursing or demonstrated mastery of course content by hallenge examination.
Prerequisite Coursework:All prerequisite coursework or equivalents) must be completed prior to submitting a grade of "C" or better.
\[
\begin{aligned}
& \text { Students who completet this program should be able to: } \\
& \text { 1. Communicate and collaborate with interciscisipinary }
\end{aligned}
\]
1. Covininu crace to a diverse population of patients and famil
3. Demonstrate understand ling ofand apply vidence eased practice inrendering
ethical, competent and culturally sensitive care across the lifespantoall patients. PREREQUISITE COURSEWORK: Units ore Sciences (minimum 2.50 cumulative GPA required):

Additional prerequisite courses:
Additional prerequisite courses:
NURS 36 Pathophysiology: Understanding Disease NURS 36 Pathophysiology: Understanding Disease.......... 4 URS 12 Nursing Practicum Seminar II prerequisite(s). Please refer to
tion for additional information. e TEAS-V and LPN Step pre-admission diagnostic as assment exams. Passing scores ( \(\geq 62 \%\) for the TEASavailable basis to the third semester of the ADN program.

\section*{LVN to RN (30-Unit Option)}

\section*{Major Requirements}

Third Semester
NURS 3 Medical Surgical Nursing III............................. 5
NURS 56 Nursing Skills Lab (optional)....................(1) .......(1)
NUrth Semester
NUR Medical-Surgical Nursing IV
NURS 14 Seminar 4 (Lab).
NURS 4B Leadership in Nursing.................
NURS 33 Psychiatric/Mental Heath
UURS 56 Nursing
NURS 1
Fundamentals of Medica Surgical
70 lab hours

Prerequisite: Satisfactory completion of: NURS 36 and NUR 26.
practices to deliver safe and effective care. IOL 5 Human Physiology

Some LVN to RN prerequisite courses have their own

Preadmission Testing: Qualified LVN to RN (30-Unit Option) applicants who meet the initial eligibility and pre equisite course requirements wirl be invited to complet 30-Unit Option) applicants will be fully admitted on a space

Other: Formal admission to the Yuba College Nursing progran to CSU
foundational concepts knal Surgical Nursing introduces the practice of professional nursing. This course provides an introduction for the first semester nursing student to concepts and pracices as they relate to the non-crical young adu
through geriatric adult in the medical surgical (and/or skille care) environment. Through utilization of the nursing proces the student will begin to recognize alterations in physiological functioning and formulate age and acuity appropriate nursing meeting the basic needs medication administration, physical assessment, and sterile techniques will be studied and practiced. (L,M)

Medical Surgical
7 units
2 lecture hours, 162 lab hours
Prerequisite: Satisfactory completion of: NURS
Transferable to CSU
This course focuses on nursing theory, concepts and skills needs. The emphasis of learning for the student is on nursing concepts and safe nursing care of selected clients in selected systems under study. Further emphasis of learning is upo he surgical patient, he patient with wounds, and the patie who is in pain. \((L, M, C)\)
5 units

Nursing III
36 lecture hours, 162 lab hours
Prerequisite: Satisfactory completion of: NURS 2
Transferable to CSU
This course is designed to provide learning opportunities for of a selection of acutely ill patients and simulated acutely in patients. Emphasis is on the application of biophysical an
psychosocial knowledge to meet the health care needs of psychosociai k nowtedge to meet dhe heart care needs of
the adult with acute and chronic disorders in selected body systems. (L,M,C)

\section*{NURS 4A Medical-Surgical}

36 lecture hours, 81 lab hours
Prerequisite: Satisfactory completion of: NURS 3
Transferable to CSU
This course is designed to provide lecture and clinical opportunities for in-depth application of the nursing process to the health needs of a selection of acutely ill patients and simulated acutely ill patients. Emphasis is on the application
of biophysical and psychosocial knowledge to meet the health care needs of the adult with acute and chronic disorders in selected body systems. (L,M,C)
NURS 4B
8 lecture hours, 108 lab hour
ip in Nursing
Prerequisite: Satisfactory completion of: NURS \(4 A\)
Transferable to CSU
Focuses on advanced concepts and principles of nursing practice as well as in-depth theory related to selected biophysical and psychosocial needs in a preceptor learning
environment. Emphasis is on the management and leadership role of the nurse. Application of management and leadership concepts and skills is provided by selected patient care xperiences for students who are assigned to work individually with an RN preceptor in a clinical agency (LM, C)

NURS 10
Geriatric Nursing
2 units
36 lecture hours
Geriatric Nursing
Other: ADN Program Acceptance Must be in the first semester
of the ADN Nursing Program in order to take this class. This class is restricted to Nursing students in the first semester. Transferable to CSU
This course is a dynamic approach to geriatric nursing including the foundations of healthy aging, fundamentals o care, chronic illness, socioeconomic of eldercare as well as
end of life and palliative practices. This theory class establishes concepts that can be applied in all nursing practicums involving the aged client.
NURS 18 Comprehensive Review
for the NCLEX RN Examinat
8 lecture hours
Prerequisite: Satisfactory completion of: NURS 4A
Transferable to CSU
Comprehensive review and test taking strategies for he Registered Nurse (RN) Student in Nursing Science, Pharmacology, and Nursing content area's
NURS 20
Introduction to Nursing
8 lecture hours
Provides an overview of current nursing roles, responsibilities, and scope of practice as defined by the Board of Registered Nursing in a variety of settings for nursing practice with an emphasis on the rigors of being a nursing student and a newly sources for financial aid, and college and department learning resources to enhance student success. Open to nursing and on-nursing majors. Grades are P/NP. (L,M)

NURS 21 Pediatric Nursing
3.5 units

27 lecture hours, 108 lab hours
Transferable to CSU
his pediaiacourse focuses on registered nurses' care from infancy through adolescence. Health problems are studied
in the acute and community care setting. Education of the pediatric client and their family on health promotion, growth and development, disease prevention, and safety issues are
addressed. Ethical and legal issues are discussed The impa addressed. Ethical and legal issues are discussed. The impact
of diverse cultural and spiritual beliefs on health care decisions are explored. (L,M,C)
NURS 22 Obstetrical Nursing
NURS 22 Obstetrical
27 lecture hours, 108 lab hours
Prerequisite: Satisfactory completion of: NURS 1
Transferable to CSU
This course focuses on integration and application of the nursing process as it relates to the provision of culturally sensitive nursing care to the childabearing family during
pregnancy birth, the postpartum period and care of the newborn. Content will also include women's health across the lifespan, including preventative care and diagnosis and treatment gynecologic disorders. Application of concepts experiences in a variety of inpatient and outpatient setting. experience
\((\mathrm{L}, \mathrm{M}, \mathrm{C})\)
NURS 26
54 lecture hours
Pharmacology
3 units
Other Conditions: BIOL (Anatomy) 4 and BIOL 5 (Physiology) Recommended
Basic principles of pharmacology with focus on pharmacokinetics, pharmacodynamics and related therapeutic mplication for major dryg calegories.

\section*{NURS 33 Pschat}

\section*{36 lecture hours, 108 lab hours}

Transferable to CSU
Eclectic approach to psychiatric and mental health nursing including psychodynamics of human behavior, group dynami herapeutic communication and psychopharmacology, with an emphasis on concepts and principles as applied to sel
and individuals in therapy. The clinical nursing experience involves the application of nursing process, meeting the mental health and psychosocial needs as well as physiological health needs of individuals throughout the life span during one to on interactions with clients, participating in group process,
conferences and various treatment modalities. (L,M)

\section*{NURS 36}

Pathophysiology:
72 lecture hours Understanding Diseas Prerequisite: Satisfa
ransferable to CSU
The study of disease pathology in the human body with a focus on the study of abnormal physiological function of body systems at the cellular level. Correlation to disease etiology and biological and physical manifestations produced by the
abnormal physiology. Core course content for NURS 1 through NURS 4 B , nursing courses. The content of this course is content required for licensure with the California Board of Registered Nursing. Course is required to be completed prior formal admission to the Yuba Coilege Nursing Program. NURS 37

LVN to RN Bridge Course 2 units Trasterable to CSU
The bridge course is designed to prepare the Licensed he bridge course is designed to prepare the Licensed
Vocational Nurse to enter the 3rd semester of the ADN Program and to facilitate transition from the LVN to RN role.
NURS 51
Medical Terminology
3 units
4 lecture hours
those studying in the fields of medicine and
ealth care by learning a word-building system for defining, using, spelling, and pronouncing medical words. It is designed secretary, ward secretary, emergency medical technician, medical technologist, respiratory therapist, or other fields that equire a medical vocabulary. (L,C)

\section*{NURS 55 lab hours \\ Nursing Skills Lab}

1 unit
Designed for nursing students to remediate or update nursing skills and nursing care to patients via simulation, learn to access health care information via the internet, obtain hel nd remediate or update math skills relating to calculation of dosages and solutions. Grades are P/NP.

NURS 56
Advanced Nursing Skills Lab 1 unit
esigned for nursing students in the advanced instruction to ractice and/or remediate in advanced nursing skills. Areas practice include advanced procedures, echnologica assessment findings, diagnostics, and multiple system acute pathologies, activities to promote critical thinking, simulation, nd developing complex nursing care plans. Grades are P

NURS 57 Second Year Advanced Nursing 1 unit
54 lab hours
Skills Lab

4 lab hours
riged for 2nd year nursing studen to protice ad emediate in advanced/basic nursing skills. Areas include advanced procedures, equipment, assessment, diagnostics, nd multiple system pathologies for adult and pediatric mplex nursing promote critical thinking, development of complex nursing care plans/concept maps, and growth and first year skills as needed. (L,M,C)

\section*{OFFICE ADMINISTRATION}

\section*{Philosophy}

Philosophy courses are designed to cultivate wisdon by critically questioning fundamental beliefs about reality, sel-idenily, knowledge, religion, and ethics. The core Philosphy CixicalThinking Ethics, Phil Philosophy, Critical Thinking, Ethics, Philosoreligio and World Religions.

\section*{PHIL 1}

Introduction to Philosophy
3 units

\section*{54 lecture hours}

Introduces students to the nature and practice of philosophic inquiry by focusing on traditional philosophic issues from multiculural perspecive. Parita premphasis will be give to Classic We
sources. (L)
PHIL 2
PHIL 2
54 lecture hours
Ethics

\section*{Transferable to CSU/UC}

An introduction to the study of ethics emphasizing the relevance of ethics to everyday decision making. Topic incluade: the human context of moral reasoning, relativism development, ethical egoism, utilitarianism, the ethics of duty rights ethics, virtue ethics and the good life, and case studies in moral reasoning. (L)
PHIL 3 Ph Transferable to CSU/UC
A philosophical exploration of religious belief and practice, with an emphasis on understanding how the world's major religious traditions -- Eastern and Westem - respond to fundamental religion and philosophy, world views and religion, metaphysic without God, metaphysics with God, arguments for God's existence, the problem of evil, incarnation and God, God and gender, life after death, religious experience, science and justification, love and the meaning of life. (L)
PHIL 6 Political Philosophy
3 units
54 lecture hours
Transferable to CSU/
This is an introduction to the major authors and types of political thought. It examines the assumptions and the central issues involved in political thinking (e.g. democrac fascism, justice, rights, law liberty, political authority, politica
principles, consequences etc.) , or contemporary reading selections. Not open for credit to students with credit in POLSC 6. (L)

\title{
PHIL 6 \\ Effective Spring Political Philosophy
}

Transferable to CSUIUC
This course introduces students to the major authors of political hought and examines the assumptions and central issues ascm in poititical thinking. Concepts such as: democracy rinciples, and consequences will be examined through an nalysis of classical and contemporary reading selections. Not open for credit to students with credit in POLSC 6.(L)
PHIL 12 \(\qquad\) Critical Thinking

3 units
Transferable to CSUIUC
A basic introduction to critical thinking skills emphasizing heir application to everyday decision-making. Topics include definitions of critical thinking, language and meaning, claim nd reasons, argument and inference, argument identification underlying assumptions, evaluating assumptions, assumption and evidence, worldviews as a context for critical thought, valuating arguments, sound and fallacious reasoning informal fallacies, causal inference, and scientific method. (L)
PHIL 20
World Religions
3 units
54 lecture hours
A survey of the beliefs and practices of Eastern and Western eligious traditions. Emphasis will be given to the origin and development of each tradition, its major forms of expression, and the various ways in which each tradition addres
most fundamental questions of human existence. (L)

PHOTOGRAPHY (see Art)

\section*{HYSICAL EDUCATION (se} Kinesiology)

\section*{Physical Science}

PHYSC 1 Earth Science
lecture hours EIUUC - UC Unit Limit C-ID GEOL 120
Survey course with topics chosen principally from oceanography eology, physical geography, meteorology and astronomy opics are presented within a theme of understanding the earth. (L)

54 lab hours
Earth Science Laboratory
Prerequisite: Satisfactory completion of: PHYSC 10A which may be taken concurrently
C-ID GEOL 120 L
Laboratory activities in Earth Science to reinforce and complement the materials presented in PHYSC 10A.
PHYSC 10B Physical Science -
54 lecture hour
Physics and Chemistry
Transferable to CSU/UC - UC Unit Limit
Basic concepts in physics and chemistry: motion, force, energy changes, radioactivity, and an introduction to modern physics. This course also includes introduction to applied physical sciences including Geology, Meteorology, Astronomy, an sciences includin
Oceanography.

\section*{PHYSC 10C Physical Science}

1 unit
54 lab hours Physics and Chemistry
Prerequisite: Satisfactory completion of: PHYSC 10B may be taken concurrently.
aboratory experiments in physics and chemistry to reinforce and complement the materials presented in PHYSC 10 B whic may be taken concurrently. (L)

\section*{Physics}

\section*{HYS 2A General Physics \\ 3 unit}

Prerequisite: Satisfactory completion of: MATH 21
Other: CHEM 2A is recommended
Transferable to CSU/UC - UC Unit Limit C-ID PHYS 105 (PHYS 2A \& PHYS 3A)
Comprehensive survey of physics, including mechanics, hydrostatics, thermodynamics, and wave motion; qualitativ understanding and quantitative problem solving; primarily for

PHYS 2 B
General Physic
54 lecture hours
Geral Phyics
Prerequisite Satisfactory completion of: PHYS 2 A Transferable to CSUIUC - UC Unit Limit
Comprehensive study of physics, including electricity and magnetism, optics, atomic and nuclear physics, and relativity equal emphasis placed on qualitative understanding and quan (L,M)

HYS 3A
1 unit
Prabequisite Satisfa aken concurrently.
ransferable to CSU/UC - UC Unit Limit
Performance of lab experiments to verify the importan concepts of PHYS 2A. Not open for credit to students with redit in PHYS 4 series or equivalent. (L,M)

4 lab hours
General Physics Laboratory 1 unit
rerequisite: Satisfactory completion of: PHYS 2 B and
HYS 3 A
Corequisite: PHYS 2B
ransferable to CSU/UC - UC Unit Limit
(PHYS 2B \& PHYS 3B)
encepts of PHYS 2B. Not open for credif to stud importan credit in the PHYS 4 series. (L,M)
PHYS 4A \(\qquad\) Mechanics
Prerequisite: Satisfactory completion of: MATH 1A with a grade of "C" or better, MATH 1B (MATH 1B may be taken oncurrently).
ransferable to CSUUC - UC Unit Limit
-ID PHYS 205
verview of the field of physics, its position and significanc mechanics. Primarily for architecture, chemistry, engineering eophysics, and physics majors. (L,M)
HYS 4B Electromagnetism
54 lecture hours, 54 lab hours
grade of "C" or better
Transferable to CSUUC - UC Unit Limit
ID PHYS 210
Study of electromagnetism with accompanying laboratory. (L,M)
PHYS 4C Therodymics
54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: PHYS 4B with a grade of "CC" or better.
Transferable to CSU/UC - UC Unit Limit
C-ID PHYS 215
tudy of thermodynamics, optics, and modern physics with ccompanying laboratory ( \(\mathrm{L}, \mathrm{M}\) )

\section*{Political Science}

The Associates in Arts in Political Science for Transfe egree is designed for students to transfer into the CS system to complete a bachelor's degree in Political Science on mevels. Students are exposed to different and internationa civic issues, political thoughts, American politics and world politics through which students are trained to be critical and analytical thinkersPOLITICAL SCIENCE (Associate in Arts for Transfer)
\(\qquad\) students who complete this program should be able t
2. Identify the political structure of maior governing boolies.

Required Courses
Required Courses:
POLSC 1 Introduction To American Government................ List A: Select three courses ( 9 units) from the following courses: POLSC 2 Comparative Politics POLSC 6 Political Philosophy ... STAT 1 Introduction to Statistical Methods List B: Choose two courses ( 6 units) from the following courses: POLSC 3 California Politics. HIST 16B African-American History. ECON 1A Elementary Economics-Macro ECON 1B Elementary Economics-Micro. HIST 17A United States History HIST 17 B United States History.............. SOCIL 5 Sociology of Race and Ethni Students eaming an Aa-AAS-T degree must complete 60 semester units of
coursework eligible for transfer to the CSU including the (CSU version) al couses in the mior with "c"' o o beter SUU GE-B or IGETC a minimum transerable c cumulative GPA of 20

POLSC 1 Introduction to
54 lecture hours American Government
54 lecture hours
Transferable to CS
C-ID POLS 110
Survey of American government and politics, covering three parts: the foundations, politics, and institutions. First, it will xplore the foundations of American democracy, such as political culture, the Constitution, civil liberties, and civil rights, media, political parties, elections, and interest groups. Finally, political institutions will be examined, such as the Congress he presidency, the courts, and the federal bureaucracy. State and local governments are included. Satisfies Government(s) Section 40404. (L)
POLSC 2
Comparative Politics
3 units
54 lecture hours
C-ID POLS 130
An introduction to comparative politics. This course compares he major political systems in selected countries, including ndustrialized democracies, developing states, and current and differences among the major states by studying their ovd differences among the major states by studying their government ypes, ideoogiogies, poifitical parties, vand connomies, ystems but also the methods to compare them. (L)
POLSC 3 California Politics
3 units
54 lecture hours
Transferable to CSU
An introduction to California politics that explores state, county and municipal governments. It examines how state politics
impact Californians' daily lives with an insight into Caliornia's diverse and unique people, cultures, and political processes. Current major political issues are analyzed, such as: economic and class conflict, immigration issues, ethnic-cultural relations, and contemporary challenges that urban, suburban, and rura overnments face. (L)
POLSC 6
Political Philosophy
3 unit
4 lecture hours
C-ID POLS 120
-ID POLS 12
his is an introduction to the major authors and types of
political thought. It examines the assumptions and the central issues involved in political thinking (e.g. democracy, fascism justice, rights, law liberty, political authority, political principles, onsequences, etc.), as presented through classical or with credit in PHIL 6. (L)

POLS
Effective Political Philosophy
54 lecture hours
Transferable to CSUIUC
This course introduces students to the major authors of politica thought and examines the assumptions and central issue involved in political thinking. Concepts such as democrac fascism, justice, rights, law liberty, political authority, politic analysis of classical and contemporary reading selections. No analysis of classical and contemporary reading se
open for credit to students with credit in PHIL 6 . (L)
POLSC 7 \(\qquad\) International Relations
54 lecture hours
csu/uc
C-ID POLS 140
A survey of historical and contemporary international relations. Focus will be on major IR theories and methodologies international security, globalization, international politic UN, WTO, NAFTA, NGOs), and human security. This clas also analyzes the foreign policies of major actors, majo states, areas of conflict and tension, and various aspects of globalization. In addition, it explores how people of differen
cultures and ethnic background impact the domestic and cultures and ethnic background impact the domestic and
foreign politics of their states, with emphasis on issue of human security - ethnic conflict, the global North and South economic gap, pandemics, human rights, population
environment and resource management. (L)

\section*{Psychiatric Technology}

The Psychiatric Technology Program is a four-semester and single-summer session program offered at the Yuba college Campus. The program includes 648 theoretica racticum hours. The subject matter reflects the knowledg and skills specified by Board of Vocational Nursing Psych tric Technology Education (BVNPTE) regulation, rules, an aws. All clinical practicum will be under the supervision of licensed BVNPTE-approved clinical instructor. The curf the profession and BVNPTE laws and regulations.

Theoryandinical program content and patient population thatare normally rssociated with he licensed Psychiatric Technician: Mentally disordered, ersonality disordered, substance abuser, and develop mentally disabled. Students will be selected on the basis of a special application. Call ( \(5300741-6786\) to request a

\section*{NIMUN CRTERIA.}
1. High School graduation or equivalent to high school.
2. Age of 18 years by first day of Fall semester.

\section*{PSYCHIATRIC TECHNICIAN \\ Certificate of Achievement)}

Students who complete this program should be able to:
1. Accurately perform and document basic nursing skils, pasic physical and mental assesssments and inteunentions busilie prioititizing patient care 2. Effectively participate in a therapeutic envirionment and communicate in 2. rffessivional and respectful manner to to ooth staff and clients.
3. Pass the Calfifornia statat boorde exam tor licensurure as a a psyschiatric technician

Fall (First Semester) Units
FCS 10 Principles of Nutrition PSYCT 50 Anatomy and Physiology SYCT 51 Human Developme
cond Semester (Spring Semesté)
SYCT 53 Developmental Disabilities
PSYCT 54 Nursing Science B
PSYCT 55 Pharmacology A..................
PSYCT 70 Nursing Science Clinical A
SYYCT 71 Nursing Science Clinical A....................................... 3
Summer
SYCT 56 Nursing Science C......................................... 3
hird Semester (Fall Semester)
YCT 57 Psychiatric Disorder
SYCT 58 Group Process....
PSYCT 60 Pharmacology B

PSYCT 73 Psychiatric Disorders Clinical A...................... 4 Fourth Semester (Spring Semester) PSYCT 61 Substance Abuse.........
PSYCT 62 Psychiatric Disorders B PSYCT 62 Psychiatric Disorders B.... PSYCT 74 Psychiatric Disorders Clinical PSYCT 75 Developmental Disabilities Clinical B Total units required
Completion/challenge/credit for the previously outtined courses will make the student eligible for licensure examination by the Board of Vocational Nurse and Psychiatric Technicia Examiners following application. Students wishing to als concerning additional degree requirements.

\section*{PSYCT 50}

Anatomy and Physiology
3 units
54 lecture hours Introductory course providing a comprehensive overview of tite normal structure and function of the human organism. Include and system differentiation and reluted tore and function, orga for the psychiatric technician student or equivalent. (L)

\section*{SYCT 51}

H
54 lecture hours mal hum biologic conception to death. Includes and development from following: identification of major theorists/theories, presentatio of major milestone of growth and development associated with he chronologic age groups and subject related terminolog. (L)

\section*{PSYCT 52
36 lecture hours}

Nursing Science A


Overview and orientation to the nursing science, which concepts relating to the health care systems, ethical and professional codes of conduct and overview of past, current and future trends in the U.S. health care systems. (L)
PSYCT 53 Developmental Disabilities A 5 units 54 lecture hours, 108 lab hours
Other: Successful completion of all first semester Psych Tech courses. Conform to clinical agency rules and regulations, (specific regulations dependent on clinical site).
Introductory overview of the five developmental disability subtypes: mental retardation, epilepsy, cerebral palsy, infantile autism and neurological handicapping. Also included will be designed to prepare the student to effectively manag assaultive behavior.

PSYCT 54 Nursing Science B
36 lecture

Other: Successful completion of all 1 st semester classes in he Psych Tech program; Conform to clinical agency rules and
regulations, such as passing a criminal background check and drug screen (specific regulations dependent on clinical site). Overview of diseases and disorders in terms of diagnostic criteria, symptom presentations, system pathology, medical ursing interventions and typical prognosis. Emphasis shall related skills. Application of basic nursing skills associated with "ong term care" patients. The clinical affiliation also includes a 40 hour skills lab practicum at the Yuba College Nursing Lab oo include basic nursing care. Must be an accepted student in
SYCT 55
Pharmacology A
36 lecture hours
,
2 units
overview to the basic concepts associated with the field of nursing related pharmacology. Includes a math review, computation conversion and review of specific drugs relating
to specific drug classifications. The course material shall be directly related to the clinical medical experience offered in he clinical portion of the program. ( \(L, M\) )
PSYCT 56
\[
\begin{aligned}
& \text { Nursing Scie } \\
& 162 \text { lab hours }
\end{aligned}
\]

6 units
54 lecture hours, 162 lab hours
Other: Successful completion of all 1 st and 2nd semester
classes, Maintain a clear background and urind toxicology Dverview of the medical-surgical nursing component of the program: includes all age groups, common diagnoses, nursing interventions and aspects of an acute care medical facility. In he clinical portion of the course, students will apply nursing skills relating to the medical surgical patient within an acute
care medical facility. This application of skills will involve various age groups, diagnoses, and health care needs.
PSYCT 57 Psychiatric Disorders A Psychiatric
270 lab hours
Other: Successful completion of firs
semester, and summer PSYCT courses
Overview of the major psychiatric disorders. Emphasis shall be n the following: psychiatric terminology, psychiatric disorders, ymptoms, nursing interventions, treatment and typical the acute care, day treatment and adult education components of the Sutter-Yuba Mental Health Care System. Includes the ollowing: application of therapeutic communication skills, medication administration, group process participation,
observation, clinical assessment, interdisciplinary team participation, and one-to-one observation.
PYCT 58
Group Process
2 units
36 lecture hours
Overview of the therapeutic intervention known as group process as it relates to the developmentally disabled and
psychiatric client. Includes the following: related terminology, group leader skills, goals of the group process and specific client behaviors. (L)

PSYCT 59
Crisis Managemen
2 units
Overview of the concept of "crisis" relating to an individual's personal reaction to physical or psychological stressors,
Includes but not limited to the following: recognition of stress response, specific adaptive responses, specific maladaptive response, the dynamics of grief "burnout and suicide." (L)
PSYCT 60
36
lecture hour
2 units
Prerequisite: Satisfactory completion of: PSYCT 55 Other requirement: Medication calculations: Must be able to
accurately calculate medical dosages prior to taking class accurately calculate medical dosages prior to taking class. Overview of the somatic therapies with emphasis upon the
psychotropic medications as they relate to the psychiatric client. Includes but is not limited to the following major drug classes: antipsychotic, antidepressant, antianxiety, antimanic and anticholinergic. (L,M)
PSYCT 61
36 lecture hours
Substance Abuse
2 units
Provides for the historical overview of those drugs that are mos commonly misused, or abused within the contemporary U.S
society. Makes a distinction between substance and substance-induced disorders. All major drugs that have the potential for abuse and or misuse shall be presented in terms of the following: classifications, physical/psychological effects and de
PSYCT \(62 \quad\) Psychiatric
36 lecture hours, 108 lab hours
36 ledure hours, 108 lab hours Other: Students must have successfully completed all previous semester classes in the Psych Tech program
disorders as described in Axis II of the DSM-V personality shall be upon the defining criteria, interpersonal impact, social consequences and intervention techniques. This course will also have 108 hours in mental and developmental disabilities clini

PSYCT \(63 \quad \begin{aligned} & \text { Developmental } \\ & \text { Disabilities } B\end{aligned}\) 54 lecture hours, 162 lab hours

解 in ther: Psyccessiatric Technician Program
Provides an overview of the application of the behavioral science known as "behavior intervention" as it applies to the mentally retarded population. Includes a summary of state
and federal legislation for the developmental disabilities. Also and federa legislal preparation for the Board of Vocational Nurses and Psychiatric Technicians (BVNPT) state board examination. Provides for direct participation with the specific
agency known as "Community Resource Services" Studel agency known as "Community Resource Services". Students shall be as
rotations.

\section*{Psychology}

Psychology is the study of human thought, feelings ath scientific investigation and practical applications of those findings in everyday life. Yuba College Psychology courses offer a diverse program with several goals: 1) To xpose students to the variety of sub-fields in psychology, pirit and nature of scientific inquiry 3) to facilitate insigh into oneself and increase knowledge of, and sensitivity to thers; 4) to introduce students to the basic body of know
dge, thus preparing them for further study in Psychology
ose pursuing psychology as a field of study will find any career options centering around helping others to merstand, predict, and influence their own behavior and behavior of others. Psychologists may teach, conduc a variety of settings which include hospitals, businesses, private practice, personnel offices, industry, colleges and niversities, and government. Training in Psychology prorides a valuable foundation for professions wherein inter

\section*{PSYCHOLOGY}

\section*{Associate in Arts)}
students who complete this program should be able to:
. Demonstrate respect for the psychological differencees in opinions, feelings and values of others in one's itereactions. in relation to human behavior from the datainformationtheories, recognize the issuces in making decisisons
Atiout simitites imes, and environments, demonstrating an understanding of outtural puturalis and knowledge of global issues as they relate to human behavior: 4. Applypsychchological prinipiplestothe develolome
and social skills sand life-long personal g growth.

Required Courses
PSYCH 1 A General Psychology.
PSYCH 31 Gender and Behavior: ms 12 units from the following: PSYCH 22 Social Psychology
SYCH 33 Personal and Social Adjustment ESE 3 Childhood and Adolescent PSYCH 41 Lifespan Developmen tal units required for degree major
 General Education requirements, the multicultural yraduation requirement, an
the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA orAS. Pleas see your counselor for additional information

\section*{PSYCHOLOGY}
(Associate in Arts for Transfer)
The Associate in Arts in Psychology for Transfer degree is designed for students for transfer Psychology. Psychology is the study of human thought, feelings, and behavior. Part of its appeal is the fact that applications of those findings in verryday prace. Yuba College Psychology courses offer a divers program with several goals: 1) To expose students to the of, and appreciation for, the spirit and nature of scientific inquiry; 3 ) to facilitate insight into oneself and increas knowledge of, and sensity to, others; 4) to introduc them for further study in Psychology.
Those pursuing psychology as a field of sudy many career options centering around helping others to the behavior of others. Psychologists may teach, conduct research, perform psychological testing, or do consultation private practice, personnel offices, industry, businesses universities, and government. Training in Psychology pro vides a valuable foundation for professions wherein inte

Students who completete this progran shoula be able l?
1. Demonstrate respocit or the psychological difierencess in and values of others in one's interactions
2.Analyzepsycholologicalataalinitormationtheories, drawreasonable condusio .rications whan benavior fiom the datainiformationtheories, recognize the iimpications when addressí
issues in making decisions.
3. Articulate similartities and differences in hum thevior amer 3. Articulate similarties and dififerences in human behavior among cultures
times, and environments, demonstrating an understanding of oultural pluraisis and knowledge of global issues as they relate to human behavior. 4.Apply psych chological principlestothe develop
and social skils and life-long personal growth
Required Courses

PSYCH 1A General Psychology. \(\qquad\)
SYCH 7 Research Methods in Psycholog
Biol
IOL 4 Human Anatomy OR \(\qquad\) BIOL 10L General Biology
ing, 3 units):
Ig, 3 units):
NG BCritical Thinking \& Writing About Literature OR.... 3
NHLL 12 Critical Thinkking ..Advanced Composition OR ...... 3
sychology Electives (Ch
units):
PSYCH
SYCH 12 Human Sexuality OR
PSYCH 22 Social Psychology OR
PSYCH 31 Gender and Behavior:
Feminine and Masculine OR
PSYCH 33 Personal and Social Adjustment.........................
PSYCH 41 Lifespan Development OR
SYCH 46 Abnormal Psychology OR
Students earning an AA-TASS-T majior................................................. 20
coursework eligible for transser tot the CSU includind the 60 semester units of
(CSU version) a minimum transferabale cumulative GPA of 2.0 .

PSYCH 1A
4 lecture hours
General Psychology
Transferable to
C-ID PSY 110
General introduction to psychology as a science. Topics include perception, learning, development, motivation personality, abnorm

PSYCH 7
Research Methods in

54 lecture hours
\[
\begin{aligned}
& \text { Research N } \\
& \text { Psychology }
\end{aligned}
\]
rerequisite: Satisfactory completion of: PSYCH 1A and TAT 1
-ID PSY 200
This course covers the many research designs and methods
in psychology, including descriptive, associative, and causal
claims. The various instrumentation, collection procedures,
ata collection and analysis, and reporting procedures are from a wide section of psychological fields. (L,C)

YCH 1 Human Sexuality
54 lecture hours
Transferable to C-ID PSY 130
This course is an introductory overview of the field of human sexuality. Human sexuality will be examined from psychological, biological, sociocultural, and historical of their own sexual attitudes, values, and behaviors and to evaluate the consistency of their behaviors within their own moral frameworks. Current sex norms and various aspectis of interpersonal and individual sexual adjustment will be explored. (L)
PSYCH 22
54 lecture hours Social Psychology 3 units 54 lecture hours

\section*{Transferable to}

This course considers individual human behavior in relation to the social environment. The power of the situation, other individuals, and the social group will be examined. Emphasized topics include: aggression, prejudice and stereotypes, interpersonal attraction, attitudes and attitude chang conformity, group phenomena, gender roles, cultural norms option. (L)
PSYCH 31 eminine and Masculine Behavior

\section*{54 lecture hours}
su/uc
Systematic analysis of psychological principles related to gender including biological, social, and cultural perspective Not open for credit to student with credit in WOMEN 31. (L)

\section*{Personal and
Social Adjustme}

54 lecture hours Social Adjustmen

\section*{Transferable to CSUIUC}

C-ID PSY 115
This course is designed with an applied focus for students interested in how psychology is used in everyday life and is related to other social sciences. The course surveys differen psychological perspectives and theoretical foundations and
how these are applied across a person's life taking into account the influence of factors such as culture, gende ethnicity, historical cohort, and socio-economic status. A broad understanding of how scientists, clinicians, and practitioner
study and apply psychology is emphasized. (L)
PSYCH 41
Lifespan Development
54 lecture hours
Transferable to CSUIUC
-ID PSY 180
ntroduction to the scientific study of human development from psychological, social and cultural influences on the developing human being. (L)

PSYCH \(46 \quad\) Abnormal Psychology 3 units
4 lecture hours

Transferable to CSUIUC
This course introduces the scientific study of psychopathology and atypical behaviors, broadly defined Students investigat abnormal behavior from a variety of perspectives including biological, psychological, and sociocultural approaches. A tegrative survey of theory and research in abnormal behavior and intervention and prevention strategies for psychologica disorders are also introduced. (L)

\section*{Punjabi}

PUNJ 1
Elementary Punjabi Part \(1 \quad 3\) units 54 lecture hours
Development of four basic language skills: speaking ilstening, reading, and writing; initiate, sustain, and close bas communication tasks. Understand content related to persona background and needs,
un
54 lecture hours
Transferable to CSU
Continuation of Puniabi 1 . Development of four basic languag skills: speaking, listening, reading, and writing. Emphasis mastery of material on Punjabi 1 and introduction of the presen
perfect, past, and future tense. (L)

\section*{Radiologic \\ Technology}

Accredited by the State of California Department of Public Health, Radiologic Health Branch and the Joint Review Committee on Education in Radiologic Technology, a Certificate of Achievement and is eligible to take the required California State Certification Examination which ill qualify the graduate (passor) as a California Certified Radiologic Technologist and also the American Registry of Radiologic Technologist which qualifies the graduate
Since enrollment is currently limited, applications are ot being accepted at this time until further notice. Students are encouraged to review the website at: http://radtech yccd.edu and make an appointment with a Yuba College counselor for advice on eligibility

\section*{MINIMUM CRITERIA FOR ADMISSION.}

High School graduation or equivalent.
2. Completion with a "C" or better grade: Biology 4 iology 5, Chemistry 1 A or 2 A , Mathematics 52 or highe nglish 1A, Humanities (course that fulfills area "C" of the General Education requirements), Psychology 1A, and
a ons, pass a drug screen and background check. (Criteria re subject to change each year.) Specific information and e application can be found on the website listed above

Sequence of courses to be completed leading to the Associate in Science Degree in Radiologic Technology:

\section*{RADIOLOGIC TECHNOLOG} Associate in Science)
Students who complete this program should be able to
1. Upon completion of the program, studdents will be able to employ critica thinking and problem solving skills.
2. Upon completion of the program, students will demonstrate the clinical 2. Upon completion of the program, students wild de
competency of an entry level Radiologic Technologist.
3. Unon completion of the program, studennts will demonstrate appropria
workolace and patient communication skils. workklace and patient communication skills
4. Upon completion ofthe program students
Required Courses Units
First Spring Semester
First Fall Semester
First fall Semester
RADT 1 Introduction to Radiologic Sciences and Health .
Care ........................................................ RADT 3A Radiographic Procedures 1 RADT 6A Radiologic Technology Internship 1........................5.
Second Spring Semester
RADT 3B Radiographi
RADT 3B Radiographic Procedures 2............................ 3
RADT 4 Principles of Radiation: Physics, Biology \&
RAD and Equipment Radiation Exposure
RADT 6B Radiologic Technology Internship 2...................... 4.5
First Summer Session
RADT 6C Radiologi
Raciologic Technology Internship 3 .................... 7
Second Fall Semester
RADT 3C Radiogra
RADT 3C Radiographic Procedures 3
RADT 6D Radiologic Technology Internship RADT 7 Advanced Radiologic Studie
RADT
Third Spring Semester
RADD
Modalities
RADT 6 E Radiologic Technol
Technology Internship 5.............8.5-11
Total units required for degree major \(\qquad\)

 the heath reauirement, in addition to the program units listed here. Students
must complete atotal of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.
*Courses must be completed with a grade of "C" or better before or during the indicated semester to progress in the program

\section*{RADT 1} Fundamentals of Radiolo
72 lecture hours
Other: Acceptance into the Radiologic Technology Program Transferable to CSU
ntroduction to the field of Radiologic Technology. Basic and laws; the clinical environment, basic pharmacology, an communication.


64 lab hours
Prerequisite: Satisfactory completion of: RADT 6D
Other: Acceptance into Radiologic Technology Program.
ansferable to CSU
supervision by college einstructor, staff technologists and clinical untructors. Increased development of skills in correlation
nstringe instrat and with current radiologic practices. Rotation in various medical
lacilities. Grades are

RADT \(6 F\) Radiologic Technology v.5-4.5 units Internship - Elective
27-243 lab hours
Other: Acceptance into Radiologic Technology Program. Transferable to CSU
adiologic experience in clinical facilities under the supervision f the college instructor, staff technologists, and radiologists. For those students deficient in clinical hours or competencies Grades are P/NP. (L)
RADT 7 Advanced Radiographic

18 lecture hours
Prerequisite: Satisfactory completion of: RADT 4
Other: Acceptance into Radiologic Technology Program. Transferable to CSU
thics and law in the Radiologic Sciences; advanced nderstanding of professionalism as related to a radiologic
RADT 8
36 lecture hours
Radiographic Pathology
2 units and Image Critique

Transferable to CSU
Injuries and abnormalities most frequently encountered in Radiologic Technology. Key anatomy and physiology principles, imaging considerations for each disease, and its

ADT 9
Advanced Modalitie
2 units
36 lecture hours
ther: Acceptance into Radiologic Technology Program Transferable to CSU
Advanced modalities in the field of Radiologic Technology
RADT \(12 \quad\) Radiologic Technology 1.5 units
27 lecture hours
\[
\begin{aligned}
& \text { Radiologic Te } \\
& \text { Board Review }
\end{aligned}
\]

27 lecture hours
into Radiologic Technology Program o Other: Acceptance into Radiologic Technology Program o
Current active CRT's who need advanced placement to sit before ARRT exam may be admitted as part of the advanced equirement.
Transferable to CSU
Summary lectures for the testing of the four (4) content area lested by State of California Radiation Health Branch and the
American Registry of Radiologic Technology. Grades are P/NP.

RADT 14
54 lecture hour Radiographic Informatics Corequisite: RADT 6D

CSU
Topics include acomputer applications in a health care setting Topics include acquiring, accessing and updating patien information, displaying, modifying, sending and retrieving
images, and the safeguarding of patient confidentiality. (L,M)

RADT 55 Introduction to Radiologic 1 unit
18 lecture hours
Other: Acceptance into the Radiologic Technology Program. Introduction to the field of Radiologic Sciences and the interactions with medicine and other medical speciatries
Refresher course for program prerequisites. Grades are NP option.
RADT 56 Introduction to Internship 2 units 108 lab hours Ither: Acceptance into the Radiologic Technology Program. requirements, clinical site administrative polices and procedures, equipment and basic patient interaction. Grade are P/NP.

\section*{Sign Language \\ American Sign Language}

2 lecture hours
Transferable to CSU/UC - UC Unit Limit
This is the first course in a series of four courses in the undamentals of American Sign Language (ASL) used by the eaf community, including basic vocabulary, syntax, numbers, ingerspeling, and grammatical non-manual markers. The in which the students develop language competency in source and target language, cultural knowledge, and an increase nderstanding of the Deaf community. Students are expected oparticipate in Deaf community events. Instructional material
will be in English. Students are strongly recommended to co enroll in ASL 61 (Fingerspelling and Numbers 1).
IGN 2
American Sign Language 2
4 units
ture hours
ransferable to CSU/UC
This is the second course in a series of four courses in the undamentals of American Sign Language (ASL) used by the eaf community, including basic vocabulary, syntax, numbers, instructional activities are based on an immersion approach which the students develop language competency in source and target language, cultural knowledge, and an increased understanding of the Deaf community. Students are expected in English. It is recommended that students co-enroll in ASL 61 (Fingerspelling and Numbers 1) if they have not already taken it. (C)

2 lecture hours
American Sign Language \(3 \quad 4\) units
rerequisite: Satisfactory completion of: SIGN 2
Other: Students will be using CANVAS on an almost daily asis to check and turn in assignments as well as receiv Transferable to CSUIUC
This is the third course in a series of four courses in the undamentals of American Sign Language (ASL) used by he Deaf community. This course furthers students' study f vocabulary, syntax, classifiers and narrative form. The which the students develop language competency in the parget anguage, cultural knowledge, and an increased understanding of the Deaf community. Students are expected to participate in

\section*{36 lecture hours \\ \section*{36 lecture hours}}

This is the first of two courses in the fundmentals of fingerspelling and numbers as they are used in American Sign Language (ASL). The instructional activities are based on a practice approach, in which the students develo anguage competist in English. Emphasis is placed on both producing and understanding ASL fingerspelling and number usage, rule and parameters. It is recommended that students co-enroll in ASL 1 or ASL 2. Grades are P/NP option. (C)

\section*{Social Science}

SOCIAL SCIENCE
(Associate in Arts)
Students who complete this program should be able to
1. Identity majior theoreticicl orientations in the social and behavioral sciences 2. Des
culture
3. Utirize the principles of social scientific methods to generate and evaluate hypotheses about human behavior and culture
4. Appreciate the diversity of human behaviors and cultures across time and

Required Courses
ANTHR 1 Physical Anthropology OR
2 Cultural Anthropology
GEOG 1 Physical Geography OR
GEOG 2 Cultural Geography
POLSC 1 Introduction to Political Science
SOCIL 1 Introduction to Sociology
Any History Class.
Total units required for degree major
Students earning an AAAS degree must complete a minimu.
Gene the requirement, in adtitstio the multicultural graduation requirem ment and
me neath requirement, in addition to the program units listed here. Students see your counselor for aradditiogal il iformation

\section*{Sociology \\ SOCIOLOGY}
(Associate in Arts for Transfer)
1. Understand that social life exisists ata community level as well as a a region al national, and global one, and have at least one experience working (i.e., re-
searching or analyzing, or helping to solve) a social problem in the community. 2. Understand how America' social structure, culture, and govermance dififerfion those of other comporable societies, and the world is
global structure, culture, and goverance processes
globa structure, cuilure, and goveriance processses. 3. Understand the mind ways
collect and analyze data.
4. Analyze the role of social forces in shaping the individual 5. Identify how ideas about what is "teal" and "true" are constructed in a social Required by those who have power and influence.
Required Courses
SOCIL 1 Introduction to Sociolog \(\qquad\)
List A: Select one of the following ( \(3-4\) units)
STAT 1 Introduction to Statistics.................
SOCIL 8 Social Science Research Methods
OCIL 8 Social Science Research Methods List B. Select two additional courses from the following (6 units): SOCIL 6 Sociology of Sex and Gender .. OCIL 5 Sociology of Race \& Ethnicity PSYCH 22 Social Psychology
it \(C\) Select 10 dition ....................................... 3 List C: Select one additional course from the following (3 units): Any course 3 Critical Thinking in Social S SYCH 1A General Psychology
PYCH 1 B Geral Psy \({ }^{2}\) Social Processes
SO 1 A Elementary Economic................... EON 1B Elementary Economics - Micro POLSC 1 Introduction to American Government otal units required for degree major................................. 3 Students earning an AA-TAS-T degree must complete 0 ...............18-19 Soursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), all courses in the major with "C" o
a minimum ransferable cumulative GPA of 2.0 .

\section*{SOCIL 1}

Introduction to Sociology 3 units
54 lecture hours
Transferable to
Cransferable to
Basic principles and concepts of sociology including culture, socialization, organizations, institutions, stratification, ollective behavior, and social change. (L)

SOCIL 2
54 lecture hours Social Problems
54 lecture hours
3 units
Transferable to CSU/U
C-ID SOCI 115
Survey of social problems in present-day American culture such as poverty, racism, crime, healthcare, education, and the environment. (L)

SOCIL 5
Sociology of Race and
54 lecture hours Ethnicity
54 lecture hours
C-ID SOCI 150
Examines the social construction of categories of race and ethnicity in society. Focus on inequality and the impact of racial categorization on everyday life through institutions such a he labor market, schools, residential segregation, healthcar
ocil 6
Sociology of Sex and
Gender
3 units
54 lecture hours Gende

\section*{Transferable to}

Sociological analysis of the construction, reproduction, and consequences of sex categories and gender roles. Emphasis on how gender designation of "male" and "female impact an indivats harassment hate crimes, wage differentials and unequal opportunities. (L)
SOCIL 8
Social Science
Research Methods
54 lecture hours
Prerequisite: SOCIL
Transferable to CSU/UC
C-ID SOCl 120
Covers basic issues in the design and implementation of socia science research. Topics covered include the scientific method
ethics, research design, basic descriptive and inferential statistics, and qualitative and quantitative methodologies Completion or current enrollment in STAT 1 strongly advised. (L,M,C)

\section*{SOCIL 10 \\ 3 units}

54 lecture hours
Family

\section*{Transferable to
C-ID SOCI 130}

Sociological analysis of marriage and family, including history, cross-cultural comparison, gender roles, sexuality, parenthoo and contemp
function. (L)
SOCIL 30
54 lecture hours
Aging: Concep
and Issues
3 units
54 lecture hours
Social, economic and psychological factors related to aging and the changing roles in contemporary society. Topics include
current controversies, personal adaptation to aging, income and housing, health and long-term care, employment and retirement, community social services, and social inequality Not open for credit to sude se with ce it in HUSEV 15. (L)

\section*{Spanish}

SPAN 1
Elementary Spanish
lecture hours Part 1
Transferable to CSUUUC - UC Unit Limit
Introduction to the language and culture of the Spanishseaking, reading and writing in Spanish with an emphasis on the communicative skills, as well as the fundamentals of spanish grammar. This course is equivalent to one year hig school Spanish. (L)

SPAN 2 Elementary Spanish 4 units
2 lecture hours Part 2
Prerequisite: Satisfactory completion of: SPAN 1 or one year high school Spanish or placement exam: students must score \(70 \%\) or higher on
Sansferable to CSU/UC - UC Unit Limit
A continuation of Spanish 1. Provides further basic communication skills through listening, speaking, reading conditional, the future and the subjunctive verb cases. It icludes practice at the intermediate level and review of the undamentals of Spanish grammar. (L)
SPAN \(3 \quad\) Intermediate Spanish \(\quad 4\) units
72 lecture hours
Part 1
rerequisite: Satisfactory completion of: SPAN 2 or two years位 Spanish Department.
ransferable to CSU/UC - UC Unit Limit
First of two semesters of intermediate Spanish. This course provides intermediate level communication skills through stening, speaking, reading, and writing in a cultural conte

SPAN 4

\section*{Intermediate Spanish}

4 units
72 lecture hours Part 2

Prerequisite: Satisfactory completion of: SPAN 3 or three years of high school Spanish or placement exam: students must score \(70 \%\) or higher on a placement test administered y the Spanish Departme
This is a fourth semester course in Spanish designed to review he grammar, vocabulary, and composition acquired in the ate exercises and readings of modern texts in the history art, geography, literature, and cultural values of the Hispanic eoples. The four language skills (listening, writing, reading on communication. (L)

SPAN 10 54 lecture hours
e to CSU
Spanish with an emphasis on proficiency communication.
SPAN 20A Spanish
Students
72 lecture hours
aris in surth. course, students must parsish. In order to succeed in this the ability to understand readings and writings in Spaish or by placement exam.
Transferable to CSU/UC - UC Unit Lim
Speaking, reading and writing in Spanish, targeted to heritage students with oral fluency. Readings pertinent to the culture America and Spain. Compositions exploring personal, political and cultural issues, as well as analysis of Spanish and Latin American literary pieces. Exploration of grammatical concepts and accentuation and spelling rules. Class is conducted SPAN 20B Spanish for Heritage
Students 4 units 72 lecture hours
Prerequisite: Satis Prerequisite
in Spanish.
Transferable to CSU/UC - UC Unit Limit
This course, which is conducted in Spanish, is the second of a two-semester sequence designed for fluent speakers of Spanish who are proficient int language, but who have had
SPAN 35
54 lecture hours iterature in Translation

\section*{Transferable to CSU/UC}

Study of representative works of Latin-American literature. Rol SPAN 36

3 units
54 lecture hours
suluc
Transferable to CSUIUC
Study of major works of Latin-American Literature. Readings, ectures and discussions of major works in Spanish by Columbus, Las Casas, Sor Juana Ines de la Cruz, Dario and students Students who erroll should be able to read and participate in the class discussions in Spanish

\section*{Speech}

COMMUNICATION STUDIES
(Associate in Science)
Students who complete this program should be able to:
1. Demonstrate the communication skills necessary to engage in personal
professional, civic and social relationships. 2. Demonostrate and apply critical thinking skills in a variety of communication
studuies contexts.

Required Courses
Units
иСомм 2 Introduction to Mass Communications ............. 3 SPECH 1 Public Speaking .... SPECH 6 Group Communication SPECH 7 Interpersonal Communic
Plus 6 units selected from the following:
SPECH \(4 R\) 8. THART 11A:
SPECH 4R, 8; THART 11A; PSYCH 1A MCOMM 4; PHLL 12
 Studentis earning an AAAAS degrie must complete a minimum of 18 units o
General Education requifements, the multicultural graduation requirement, ani
the heath requirement in Generar Eaucation requirements, the emuiciculurara yraduation requirement, and see your counselor for additional information.

COMMUNICATION STUDIES
(Associate in Art in
Communication for Transfer)
Students who complete this program should be able to:
1. Demonstrate the communication skills necessary to engage in personal,
professsional, civic and sociail reatioionshioss. 2. Demonstrave and apply critical thinkking skills in a variety of communication
studies conterts Required Courses
SPECH 1 Public Speaking
SPECH 1 Public Speaking ............................................. 3 PECH 3 Argumentation and \(C\)
Pus 6 units selected from the following:
SPECH 6 Small Group Communication OR SPECH 7 Interpersonal Communicatio SPECH 8 Intercultural Communication Plus 6 units selected from the following:
NGL 2 Oral Interpretation of Literature OR.. SPECH 4R 2 Speech Arrs Workshop OR.. MCOMM 2 Introduction to Mass Communications.......... 3 Total units required for degree major.... Students earning an \(A\) ThSST degree must con........................... 18 coursework e ligibile for transser to the CSU including the CSU GE-B or or GETC CSU U insion, al courses in the major with "c"

SPECH 1
Public Speakin
3 units
54 lecture hours
Prerequisite: Satisfactory completion of: ENGL 51 or qualifying Transferable to CSU/UC
C-ID COMM 110
Principles of effective oral communication applied to several public speaking assignments which emphasize the development of support and organization of ideas, audience analysis, public speaking anxiety,
styles. (L) SPECH 2 Oral Interpretation

3 units \(\begin{array}{ll}\text { SPECH } 2 & \begin{array}{l}\text { Oral Interpre } \\ \text { of Literature }\end{array} \\ 54 \text { lecture hours }\end{array}\)
Prerequisite: Satisfactory completion of: ENGL 51 Transferable to CSU/UC
C-ID COMM 170
Introduction to the analysis and interpretation of literature for oral reading. This course encourages a deeper, riche experience of prose, poetry, and drama and enables
student to share the love of literature in the oral tradition.

\section*{SPECH 3} Argumentation and
Critical Thinking

3 units
54 lecture hour Critical Thinkin
Transferable to CSU
C-ID COMM 120
General approach to rational decision making and
argumentative analysis including structuring written and oral argumentative analysis including structuring written and oral
arguments and rebuttals, arguments, and identifying logical fallacies. (L)
SPECH 4R
Speech Arts Workshop
Transferable to C
T
Supervised preparation for participation in Inter-Collegiate Speech and Oral Interpretation events and/or for presentation
SPECH 6
54 lecture hours
54 lecture hours
Transferable to CSU
C-ID COMM 140
C-ID COMM 140
Study of comm
Emphasis will
Emphasis will be plac theory in small group situations. Emphasis will be placed on researching, organizing, and
delivering oral presentations. Investigation of the role communication in various group processes, problem solving leadership, team building, effective decision making and conflict. (L)
SPECH 7
54 lecture hours
Transferable to CSU
C-ID COMM 130
Study of communication skills associated with establishing and maintaining satisfying interpersonal relationships,
Various approaches to effective communication in multiple interpersonal contexts will be discussed. Factors influencing interpersonal communication are analyzed, such as: language interpersonal communication are analyzed, such as: langu
perception, non-verbal, and communication climate. (L)

\section*{54 lecture hours \\ 54 lecture hours} Intercultural
Communicatio csu/uc
C-ID COMM 150
The study of intercultural communication theory relates to perception, context, language, verbal, nonverbal messages and adaptation. Emphasis will be placed on developing effective intercultural communication skills. Students wi oral presentations, and group/interpersonal interactions. (L)
PPECH 12 Multicultural
v.5-1 unit

9-18 lecture hours By attending the events organized/sponsored by Crossing cquire effective intercultural communication skills by valuing diversity and multiculturalism. Grades are P/NP

\section*{Statistics \\ Introduction to}

Stat Statistical
27 lab hours
63 lecture hours, 27 lab hours
Prerequisite: MATH 52 or satisfactory score on Mathematics placement test.
Transferable to CSU/UC
C-ID SOCI 125 and MATH 110
The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling
distributions; statistical inference; correlation and linea regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including e interpretation of the relevance of statistical findings social sciences, psychology life science, health science, and education. Grades are P/NP option. (L)

\section*{Theatre Arts}

Classes with " \(R\) " can be taken a total of four times but are subject to Family of Classes restrictions on page 199.

\section*{THEATRE ARTS}
(Associate in Arts)
students who complete this program should be able to
 tions and group projects
2. Apply research to the creative and professional process
3. Demonstrate understanding and application of skills related to theater arts in the following
theatre studies
4. Demonstrate the ability to work as an ensemble member of t theatre company by meeting professional expectations, following safe production practices, and being respectflu of the opinions, feelings, and values of thers
5. Analyze global issues
5. Analayze glowal issues, moral dilemmas, cultural competencies, and socia systems as encountered through work in Theatre Ats.

\section*{Required Courses}

HART 10 Introduction to Theatre THART 11A THART 12A Advanced Studies in Acting
Plus 6 units from the following:
HART 11B, 12B, 29R, 34, 45A, 45B
SPECH \(1,4 R\), 2 COMM 2,4 , ENGL
Tota unts earng an AA/AS degree must complete a a mivi.................
Students
students earning an AAAAS degre e must complete a minimum of 18 units
Generala Education requirements, the multicultural rraduation requirement, and General Eacucation requirements, the mưticuiturari graacuation requirement, and must complete a total of 60 degree applicable units to earn an AA orAS. Plea

\section*{THART 10}
\(\qquad\)
54 lecture hours Introdu
Transferable to
This course introduces students to theatre arts, including the production process, play writing, acting, directing, producing
design, criticism and the relations between theatre an society. Students survey different periods, styles, genres, and heatre practice through play reading, discussion, films, an viewing and critiquing live theatre performance to develop a the course explores the relationship of theatre to various cultures, to TV and film, and to other arts and humanities. Grades are P/NP option. (L)

\title{
THART 11A Introduction to Acting I
45 lecture hours, 27 lab hours
}

Transferable to CSuC hours
Transferable to CS
C-ID THTR 151
his course prepares students to apply basic acting theory performance and develops the skills of interpretation of
drama through acting. Special attention is paid to skills fo performance, such as memorization, stage movement, vocal oduction, diction, in provisational fechnique, characterization, sene study, and interpretation of text. Several monologues and scenes will be developed and presented in class.
THART 11B
Introductio
27 lab hours
Prerequisite: Satisfactory completion of: THART 11A Transferable to CSU/UC
C-ID THTR 152
This course continues Introduction to Acting I (Thart 11A), further developing the students' understanding of theories and techniques used in the interpretation of drama through acting. The emphasis will be placed on deepening th nalysis, monologues, scenes, pantomime, stage movement magination, improvisation, and verse study. Increase mphasis is also placed on acting in more complex scenes nd plays. Studens assical plays. Grades are P/NP option.

HART 12A Intermediate Studies
5 lecture hours, 27 lab hours
Prerequisite: Stisfactory completion of: THART 11A or THART 26 or THART 29R or audition based prerequisite challenge is allowed. Students who have the skills and experience hrough previous stage performance may audition/interview Trinstractor to and WU/UC Transferable to CSU/UC
heories and techniques. It includes analyzing and performing heories and techniques. It includes analyzing and performing scenes, and complex acting exercises. Intermediate development of acting skills including improvisation, craft, and character analysis. Participation in an acting showcase ne-act play, or full-length play at end of semester is required Field trips and/or attendance of live performances may b required. Grades are P/NP option.

ART 12B Intermediate Studi in Acting II
27 lab hours
45 lecture hours, 27 lab hours
Prerequisite: Satisfactory completion of: THART 12A
ransferable to CSU/UC

\section*{to CSU/UC}

Thart 12B furthers mastery of intermediate acting theories astlizechniques. Students will analyze and perform realistic, will prepare a capstone audition portfolio to prepare them fo auditions. Students will work on more complex scenes a
further refine their skills through higher level acting exercises The course covers intermediate methods, improvisation, craf vocal production, interpretation, auditioning, stage movemen and character analysis. Participation in an actor showcase, one-act, or full-length play at the end of the semester is
required Field trips and/or attendance of live performances may be required. Grades are P/NP option.
THART 26
Musical Theatre Work
Tran
Fundamentals of musical theatre performance; singing, acting dancing, orchestra, and technical stagework. Students may specialize in area of interest. Works to be selected from various periods and styles. Prequired. Grades are P/NP option
THART 29R College Theatre
54-162 lab hours
\(\square\)
oo prepare Theatre Arts is an intensive course designed performance production. In order to be fully successful in this course, students should already possess some knowledge of Transferable to CSUUC
This course provides instruction and supervised participation in theatre rehearsal and performance including acting, directing design, and technical work, culminating in a theatre production. Plays will be selected from various periods and styles. Grade are P/NP option

162 lab hours
Technical Theatre in
3 units Production

\section*{to CSU}

Practical experience in the application of production responsibilities in the following: stage management construction, scenery, properties, lighting, sound and running ,

THART 32
54 lecture hours \(\qquad\)
Transferable to CSU/UC
Study of a particular director/artist, genre, or national cinema students view and discuss fil enght featur Ims, topic

THART 33 History of Film
Transferable to CSU/UC
Survey of the motion picture history; traces the development of the art, technology, and social importance of film during the ast 125 years; screenings of significant and representative documentary and experimental films from the silent to the modem era. Not open to students

THART 34
Introduction to Film
3 units
Transferable to CSUIUC
Study of film as art and its influence on society, including erpretation, criticism, and technical developments: student view and discuss full-length feature films. Not open for credit (L)

HART 45A Stagecraft 1
Transferable to CSUIUC
C-ID THTR 171
Practices, terminology, and organization of contemporary heatre technology; exercises in construction and ighting, sound, costumes, properties, stage management, make-up). Integrated with Yuba College theatre productions.
THART 45B
\[
\begin{aligned}
& \text { Production and } \\
& \text { Technical Theatre }
\end{aligned}
\]

3 units
36 lecture hours, 54 lab hours
Transferable to CSU/UC
Students will be offered a survey of scenery, lighting ound, costumes, makeup, properties, theatrical equipmen and construction techniques through demonstration and heatrical applications. The course will introduce best practices for, terminology, and organization of contemporary heatre technology. Students will participate in exercises in construction and implementation of all technical aspects of management, make-up). Grades are P/NP option.

THART 45C Production and 3 units Technical Theatre II
6 lecture hours, 54 lab hours
Transferable to CSU
this course involves the study and execution of stagecraft with a focus on stage lighting and emphasis on equipment, contro, color and their relationship to design. Grades are P/NP option.

Family of Classe
(No more than four classes can be attemp
classes listed below. See page 50 for detatis.)
THART 11 A-Introduction to Atting
THART 11A——ntroduction to Acting
THART 12A-Intermediate Studies in Acting HART 12B-Intermediate Studies in Acting II

\section*{MUSICAL THEATRE}

Family of Classes
No more than four classes can be attempted wish erb faily
classes sisted below. See page 50 for details.)
THART 26-Musical Theatre Worksho THART 11B-Introduction to Acting II THART 12B-Intermediate Studies in Acting

\section*{THEATRE}

Family of Classes
No more than four classes can be attempted
classes listed below. See page 50 for details. classes listed below. See page 50 for

\section*{THEATRE PRODUCTION}

Family of Classes
No more than four classes can be attempted
classes listed below. See page 50 for details.)
THART 45A-Stagecraft
THART 45B-Production and Technical Theatre THART 45C-Production and Technical Theatre

\section*{Veterinary Technology}

Accredited by the American Veterinary Medical Association,
Yuba College offers an Associate of Science Degree Yuba College offers an Associate of Science Degree
Program in Veterinary Technology. The Program is a fulltime course of study that can be completed in two years or extended by completing the General Education, Science and Other graduation requirements prior to admission into the
veterinary technology sequence. The latter format is highly recommended. Graduates of the Veterinary Technology Program are eligible to take the California State and National
licensing examinations to become a Registered Veterinary licensing examinations to become a Registered Veterinary
Technician. Additionally, the Veterinary Technology Program offers two on-line
Certificate of Achievement programs in Veterinary Assisting/ Receptionist and Veterinary Public Health and Food Safety plus three on-line Certificate of Training programs in Shelter edicine, Labora Animal M

Admission Requirements:
Selection of candidates for entry into the Veterinary Technology Program occurs each spring. A completed Veterinary Technology Program application and college transcripts must be received by the Veterinary Technology Program administra-
tor prior to May 15th in order to be eligible for entrance in the subsequent fall semester. The Program starts a new class each all semester. The Veterinary Technology Program application may be printed from the Program's website: http:///www.yccd edu/yuba/vettech/vt_application.pdf. General application to o
enrollment at Yuba College does not imply acceptance into the Veterinary Technology Program. Qualified applicants will be notified of their preliminary acceptance into the Program by Jun st. Attendance and participation in the Veterinary Technology Program Orientation is a mandatory requirement before fina in June, is a one day exploration into the teaching formats academic and physical demands, and dexterity requirements athe vermary Tell encounter (http.//vettech. yccd.edulorientation.aspx)

Costs: In addition to the expenses of regularly enrolled students (e.g., living costs, activity fees, books, tuition) Veterinary Technology Program students have th additional requirements of uniforms, drug screening,
\(\mathrm{E}^{\star}\) Value \({ }^{\text {TM }}\) student informatics system, and radiation monitoring equipment. Veterinary Technology Program students are eligible for grants and loans available to any Yuba College student meeting expected criteria. http:// vettech.yccd.edu/course-materials.aspx
Drug Policy: All students enrolled in the Veterinary Technology Program are subject to the drug policy which is a part of the
Student Code of Conduct. Violation of this policy may result denial Code of Conduct. Violation of this policy may result in s outlined in thsion or dismissal from the Program. The policy Technology Program Policy Handbook found on the Program's website (www.yccd.edu/yuba/vettech).
Computer Policy: Students are required to complete many
assignments and testing utilizing computers. Students will assignments and testing utilizing computers. Steden
need an e-mail address that they check daily in order to receiv important course information. Additionally, our program utilizes computerized records and billing procedures; therefore, it strongly recommended that students entering the Veterina to a reliable internet connection
Other Requirements: Students in the Veterinary Technolog Program are required to complete various off site hospit by the Program. These training hours are mandatory and in excess to required individual course hours. Travel will be equired of all student.

Prerequisite Course Requirements: Due to the demanding nature of the Program, it is recommended that the prospective student complete as many courses as possible of the genera science and general education requirements for the Associa Technology Program. Additionally eight hours of verifiabl veterinary practice observation in a clinical setting must be completed prior to submission of application.
Prerequisite courses VETT 91 (Veterinary Assisting), BIO 15 (Bioscience) and CHEM 10 (Concepts of Chemistry) or their college level equivalents MUST be completed with grade of "C" or better PRIOR to submission of an applicatio for enrollment into the Veterinary Technology Program
Additionally, it is strongly recommended that the MCOMM EDUC 40, "Introduction to Online Learning" course be completed prior to Program admission to insure optima earning in our Veterinary Technology online course

Should the number of qualified applicants exceed the number of available spaces in a given class, a wait list process w be utilized to establish entrance priority. For more specific information contact he velerinary fechnology P

Program Progression: The Veterinary Technology Program a full-time course of study with each class building on equired courses must be taken in the sequence listed below. All classes will be taught at the Yuba College campus in Marysville although some may be offered on-line via the ternet. Veterinary facilities in several counties are utilized \(f\) of egree of travel of all students while pursuing their veterinary technology education.

VETERINARY TECHNOLOGY
Associate in Science
ttp://vettech.yccd.edu/as-degree.aspx
dditional Graduation requirements are needed for the degree -- See graduation information.
1. Apply critical thinkking skills when confronted with issues and problems in
2. Display behavior consisisent with the highest professional ethics to foster personal growth and divic responnsibilty.
3. Demonstrate competence in the husbandry, restraint, and handing of animals medical, and surgical ltechniques needed to enhance and p preserve human and

Required Courses Units
First Semester (fal

First Semester (fall) ...................................................... VETT 4 Clinical Laboratory Techniques ................... 3 units VETT 7 Veterinary Business Management ............... 3 units
VETT 16 Professional Development Seminar .......... 1 unit VETT 55 Veterinary Medical Terminology ................... 3 units

Second Semester (spring)
VETT 2 Veterinary Physiology and Anatomy............... 3 units VETT 2 L Veterinary Anatomy Laboratory .................. 2 units ETT 5 V etermacinary Technology Internship VETT 56 Shelter Medicine..................................... 3 units

Third Semester (summer)
VETT 5 Veterinary Technology Internship .................. 2 units ETT 11 I Veterinary Emergency and Critical Care ..... 3 units
ourth Semester (fall)
ETT 5 Veterinary Techno
VETT 6 Veteerinarinary Worknology Intern \(\qquad\) 2 units VETT 8 Large Animal Medice Safety ....................... 3 units VETT 53A Veterinary Surgical Nursing and Anesthesia ETT 53B Veterinary Diagnostic Imaging ...................................................

Fifth Semester (spring)
ETT 5 Veterinary Technology Internsh 2 units
EETT 9 Laboratory Animal Medicine ............................... 2 units VETT 53C Advanced Veterinary Nursing Techniques 4 units
VETT 53D Principles of Veterinary Dentistry ........... 2 units ETT 54 Public Health \& Infectious Disease VETT 59 Veterinary Technology Board Review ........ 2 units


Technology, all courses must be passed with a grade of "C" Technology, all courses must be passed with a grade of "C graduation requirements are satisfied by completion of the Veterinary Technology Program.
Students earning an AAAAS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation reauirement, and
the heath reauirement, in addition to the program units isted here Stude the heath requirement, in addition to the program units listed here. Students
must complete atotal of 60 degree applicable units to earn an AA orAS. Please see your counselor for additional information.

\section*{Student Program Individualization:}

\section*{ndividualization within veterinary technology is common today} thereby improving post- graduate employment opportunities for
Yuba College graduates. Students may want to concentrat heir studies in one or more areas of their own interest-thes will not be noted on the transcript and are only provided to However, the Veterinary Technology Program issues a 'Emphasis' completion award to the student. http://vettech yccd.edu/program-curriculum.aspx The following Veterinary Technology Pro
to our students:
- Business Management Option: Completion of VETT Veterinary Business Applications, VETT 52 Human Anisubmission of an original business management research project, and at least 4 units of VETT 5 as a clinic business internship.
Dental Option: Completion of VETT 52 Human Anima Bond, VETT 53D Principles of Veterinary Dentistry, VET
57 Animals and Society, completion and submission of an Arignimal veterinary dentistry research project, and at least
ore 4 units of VETT 5 as a dental specialty internship.
Exotic Animal/Wildlife Option: Completion of VETT 10 Exotic and Willdife Medicicie, VETT 52 Human Animal Boond
VETT 57 Animals and Society completion and submission VETT 57 Animals and Society, completion and submission
of an original exotic/wwildife research project, and at least 4 units of VETT5 as a wild life and/or exotic animal internship. Laboratory Animal Option: Completion of VETT 9 Labo ratory Animal Medicine, VETT 15 Advanced Laborator Animal Medicine, VETT 57 Animals and Society, America Association for Laboratory Animal Science ALAT certificaanimal medicine research project, and at least 4 units of VETT 5 as a laboratory animal internship.
Laboratory Diagnostics Option: Completion of VETT 4 Clinical Laboratory Techniques, VETT 52 Human Animal Bond, VETT 57 Animals and Society, completion and
submission of an original laboratory diagnostics research project, and at least 4 units of VETT 5 as a laboratory diagnostics internship.
Large Animal Option: Completion of VETT 8 Large Animal Medicine and Nursing, VETT 14 Equine Management and Reproduction, VETT 52 Human Animal Bond, VETT 57 original large animal research project, and at least 4 units of VETT 5 as a large animal internship.

Public Health Option: Completion of VETT 52 Human Animal Bond, VETT 54 Public Health and I Ifectious Disease, of an original public health/ffood safetity research proiect and at least 4 units of VETT 5 as a public health or food hygiene internship.
Shelter Medicine Option: Completion of VETT 52 Human Animal Bond, VETT 56 Shelter Medicine, VETT 57 Animals and Society, completion and submission of an origina VETT 5 as a shelter medicine internship.
Small Animal Emergency and Critical Care Option completion of VEIT 11 Veterinary Emergency and Critica are, VETT 52 Human Animal Bond, VETT 57 Animals and Society, completion and submission of an original units of VETT 5 as an emergency or critical care internship.

Veterinary Assistant/Receptionist Certificate
The Veterinary Assistant course of study is a fully on Certificate of Achievement that provides the course work, direction and work experience necessary to prepare and self confidence working with animals as a veterinary ssistant, receptionist, pet shop, kennel, animal control or nimal sheter worker. Students learn effective communi ation techniques, veterinary terminology, procedures fo edicalrecords andadmy g/ascharging patients, anima echniques, how to deal with difficult clients, book keeping kills, animal restraint, animal grooming, administration of medication and veterinary medical assisting

Valuable members of the veterinary medical team he veterinary assistant works under the supervision of he Registered Veterinary Technician and veterinarian to acilitate the delivery of quality medical care to their anima patients. Students will learn via the Internet, on-line disThis convenient distance learning program is ideal for the working professional and allows for more flexibility than a traditional college curriculum and is designed to allow tudents to complete the Certificate of Achievement in just ne year. In addition to providing the necessary information upgrade curint xcellent preparation forthe individual interested in applying ot the Yuba College Veterinary Technology Program. http:// vettech.yccd.edu/veterinary-assistant-.aspx

Certificate of Achievement)
Students who complete this prievement)
1. Apply critical thiniking skills when confronted with issues and problems
veterinary medical practice.
2. isolela
2. Display behavior consisitent with the
personal growt and civic ressonsibilit
personar growth and civic responsibility. to include knowledgee of normal and abornormal / to procesces handing of anima to include knowledge of normal and abnormal life processes and the commo
medical procedures performed in veeterinary medical practice.
Required Core Courses Units
VETT 5 Veterinary Technology Internship ................. 2 units
VETT 6 Veterinary Workplace Safety .................. 3 units VETT 6 Veterinary Workplace Safety ...................... 3 units VETT 55 Veterinary Medical Terminology ................... 3 units
VETT 91 Veterinary Assisting ................... 3 units
Plus three units from the following:
AG 11 Agricultural Accounting ................................... 3 units AG 45 Principles of Animal Science......................... 3 units AG 45L Principles of Animal Science .......................... 3 unit BIOL 10L General Biology ................................ 4 units VETT 8 Large Animal Medicine and Nursing................ 3 units VETT 9 Laboratory Animal Medicine ........................ 2 unit VETT 10 Exotic and Wildlife Medicine...................... 3 units VETT 12 Introduction to Veterinary Medical Math...... 1 units
EETT 52 Human Animal Bond..................................................... 3 units VETT 54 Public Health \& Infectious Disease .............. 3 units
VETT 56 Shelter Medicine VETT 56 Shelter Medicine.................................... 3 units
 *Additional certificate requirements: VETT 5 intersship will be held atan approved
animal care facility.

VETT 1 Introduction to
54 lecture hour
Other Conditions: Admission to the Veterinary Technology Program
Transferable to CSU
This course introduces the first year Veterinary Technology on career paths, legal requirements, ethics, animal breeds patient exams, and medical records. Multiple species wid be covered and students will engage in hands-on care of
all VT Program animals on a repeating basis throughout the semester (L,M,C)

VETT 2 Veterinary Physiology
54 lecture hours Veterinary Ph
and Anatomy factory completion of VETT Transferable to CSU
Gross anatomy and physiology of domestic animals. Includes he study of body systems such as skeletal, muscular tegumentary, respiratory, nervous, circulatory, excretory eproductive, endocrine and digestive. Also includes urgical conditions. Application of normal physiology as pertains to anatomy, animal health and disease. (L,M,C)
VETT 2L
Veterinary Anatomy
08 lab hours
Laboratory
rerequisite: Satisfactory completion of: VETT 1 and VETT Corequisite: VETT 2
Transferable to CSU
Gross anatomy laboratory of domestic animals. This laboratory natomy of domestic animals. Topics include anatomical and directional terms common to veterinary medical practice as well as coverage of the skeletal, integumentary, muscular ardiopulmonary, digestive, urogenital, endocrine, and and function of the animal body as well as discussion of the imilarities and differences among domestic animal species included. (L,C)
VETT 3

\section*{Pharmacology for
Veterinary Technician}

3 units
4 lecture hours
Transferable to CSU
Concepts of veterinary anesthesia and pharmacology to eneral anesthesia, the physiological impacts of anesthesia o he body, patient prep, high-risk patients and complications. Pharmacokinetics in animals, principles and mechanism of drug action, drug types and legal requirements. (L,M)

\section*{\section*{Clinical Laborato}}

3 units
6 lecture hours, 54 Tab hours
ther Conditions: Admission to VET TECH Program transferable to CSU
udies of the laboratory techniques and procedures employed in evaluating clinical diagnostic samples. Emphasis will placed on procedures common to veterinary medicine including hematology, serum chemistry, urinalysis, cytology, mmunology, parasitology and microbiology. Topics include
he safe and proper collection of diverse samples, microbia culturing, methods of sample analysis, and the significance of normal and abnormal results. (L,M)

VETT 5A
Veterinary Technology
v1-4 units
54-216 lab hours
Veternship A
Prerequisite: Satisfac
Transferable to CSU
Introduction to the application of veterinary technology procedures at off-campus internship sites under dire lechnician. Internship sites include veterinary hospiets ar clinics, research, and shelters. Rotation through various facilities is required. Apply clinical application of anatomy and physiology, interpersonal skills and team building. (L,M,C)

\section*{VETT 5B}

Veterinary Technology
v1-4 unit
54-216 lab hours
Prerequisite: Satisfactory completion of: VETT 9 Transferable to CSU
Introduction to the application of veterinary technology
procedures at off-campus internship sites procedures at off-campus internship sites under dire
supervision of a veterinarian or a registered veterinary technician. Internship sites include veterinary hospitals and clinics, research, and shelters. Rotation through various facilities is required. Apply application of knowledge and skill essential nursing tasks. Increase knowledge and ability to operate hospita lab equipment and develop skills to perform basic veterinary laboratory procedures. (L,M,C)
VETT 5C
Veterinary Technology
v1-4 units
54-216 lab hours
internship C
Prerequisite: Satisfactory completion of: VETT 9 Transferable to CSU
Introduction to the application of veterinary technology supervision of a veterinarian or a registered veterinary technician. Internship sites include veterinary hospitals and clinics, research and shelters. Rotation through various accifies is required. Application of knowedge and skilis acquired in conctrrent course work. Appply
radiol
VETT 5D
veterinary Technology v1-4 unit
54-216 lab hours Internship D
Prerequisite: Satisfactory completion of: VETT 91
Transferable to CSU
introduction to the application of veterinary technology procedures at off-campus internship sites under direct technician. Internship sites include veterinary hospitals and clinics, research and shelters. Rotation through various facilities is required.Apply application of knowledge and skill acquired in concurrent course work. Provide nursing care to emergency and critical care patients. Administer complex

VETT \(6 \quad\) Veterinary Workplace
54 lecture hours
Transferable to CSU niroduces veterinary hospital staff to occupational health risk assessment, protective safety measures, current OSHA tandards, safe use of hazardous materials, and preventive medicine for
animals. (L)
VETT 7 Veterinary Busines

\section*{Management}

Transfferable to CS
Introduction for the first year Veterinary Technology student to veterinary practice management. Standard office procedures with an emphasis in client relations, education, practice as well as state and federal regulations governing veterinary practices. (L,M)
VETT 8
54 lecture hours
Large Animal Care
3 units

Emphasis on the physical exam, restraint, sample collection andaging, emergency treatment, surgical and obstetrical procedures and instr
for farm animals. (L)
vETT 9
Laboratory Animal
3 units
54 lecture hours
Transferable to CSU
ntroduction to laboratory animal medicine. Survey of feeding, common management practices, and care of laboratory animals in a clinical setting. Appropriate methods of anima handling, restraint, management practices, research laboratory species will be emphasized. Students will learn about guidelines, regulations, and legislation governing the use animals in research. This course will provide information an handling skills which will help the student prepare for AALAS
EETT 10 Exotic and Wildlife

\section*{Medicine}
hours
An overview of fundamentals of avian, exotic and wildlife husbandry, physiology, management,and medicine; includes ppropriate methods of animal handling, restraint, husbandry

ETT 11 Veterinary Emergency
and Critical Care
54 lecture hours
Transferable to CSU
mphasizes the theoretical and practical aspects of assisting the veterinarian in the management of medical and traumatic mergencies. Recognition and assessment of cardiovascular musculoskeletala trauma. (L,M)

36 12 Introduction to
36 lecture hours
Applied mathematics as a fundamental communication and lechnical skill. Review of calculations involving decimals ratios, fractions and unit conversions as utilized in medic practice for dosage determinations, administration of drugs prescriptions and intravenous fluid infusion. Course incluces
analysis of written word problems and real-world case scenarios relevant to veterinary medical practice. (L,M,C)
VETT 16 Print
18 lecture hours
8 lecture hours
Introduction to the various skills needed for career building and professional development. The course will cover the differences between having a job and managing a career as
well as how to link skills from an old job to a new one. Students will learn the basics of resume construction, how to locat jobs, and how to interview successfully. Grades are P/NP. (L) VETT 18

Food Safety and Security \(\quad 3\) units 54 lecture hours
Food safety is an important component of public health. This course presents the basic principles and practice of food
safety. Topics include food safety. Topics include food microbiology, sanitation, hazard
analysis and critical control points (HACCP), toxins, allergen and food defense. Aligned with International HACCP Alliance requirements, students who complete this course will be prepared for entry-level HACCP certification. (L)
VETT 52 Human-Animal Bond 3 units Using both anthropological and sociological perspectives, the course explores the unique social relationship human shumans and animals have on each other over time and across cultures. Learners will critically evaluate the social construction of attitudes towards animals and how these values influence human-nonhuman animal interactions. (L)
VETT 53A
Vet Surgical
4 units
36 lecture hours, 108 lab hours
Prerequisite: Satisfactory completion of: VETT 1 or VETT 4 VETT 2 and VETT 2L
Principles and techni
Principles and techniques involving surgery and anesthesia.
Includes preparation and it and equipment, routine surgical procedures, anesthesi induction and monitoring, post-surgical care, clean up an surg students will participate in hands-on care of VT Program animals throughout the semester. Completion of a Capston Project proposal is required. (L,M,C
\begin{tabular}{|c|c|c|}
\hline VETT 53B & Veterinary Diagnostic Imaging & 2 units \\
\hline \multicolumn{3}{|l|}{18 lecture hours, 54 lab hours} \\
\hline Prerequisit VETT 2 and & factory completion of: V 2 L & ETT \\
\hline
\end{tabular}

Principles and techniques of radiographic imaging. Includes the production of \(x\)-rays, radiographic equipment, safety management, and radiographic quality. Also include diagnostic radiographs and ultrasounds, positioning VETT 53 C

\section*{Advanced Veterinary
Nursing Techniques}

4 units
36 lecture hours, 108 lab hours
Prerequisite: Satisfactory completion of: VETT 53A and 53B rinciples and techniques involving veterinary nursing. Emphasis on venipuncture, catheterization, fluid therapy preparation, nursing care and behavior of large and smal mimals, preventive medicine, nutrition, record keeping and eamwork, communications and health problem assessment involving kennel management. Multiple species will be covered and students will participate in hands-on care of VT Program nimals throughout the semester. Completion of a Capstone VETT 53D
\[
\begin{aligned}
& \text { Principles of Veterinary } \\
& \text { Dentistry }
\end{aligned}
\]

2 units 18 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: VETT
Principles and techniques involving veterinary dentistry. Includes preparation and identification of dental instruments and equipment, routine dental procedures, dental charting, pathophysiology and dental emergencies. This lecture aboratory course defines the role of the Registered Veterinary Technician (RVT) in veterinary dentistry. The laboratory portion the course utilizes demonstrations, laboratory exercises principles presented in lecture. (L M) Public Health and
Infectious Disease
ure hours
his course introduces the core concepts of public health mphasizing zoonotic and infectious diseases important to human and animal health. Collaborative efforts between Health Initiative' will be discussed, including issues and evelopments in food safety, global health and the principles of epidemiology in

VETT 55 Veterinary Medical
Terminology
54 lecture hours
This course guides learners through the process of reading writing, and comprehending medical terminology used in the veterinary medical field including analysis and origin of word oots, prefixes and suffixes. Additionally word construction definitions, and use of words related to the body system
are covered. Topics include the pronunciation, spelling and are covered. Topics include the pronunciation, spelling and
definition of word parts and vocabulary terms unique to the anatomy, clinical pathology, and treatment of animals. Lectures demonstrate the importance of proper vocabulary usage patient records. (L,C)
VETT 56
Shelter Medicine
54 lecture hours
This course explores the origin of animal shelters as well as pet population dynamics. Students will analyze data abou for identified health and welfare concerns. Topics include behavioral assessment, infectious disease prevention and contr
VETT 57 Animals and Society
54 lecture hours
Animals and Society
An interdisciplinary approach to examining the diverse roles
of animals in society the evolution of human attitudes toward of animals in society, the evolution of human attitudes toward will be placed on the role of animals in human society (anthrozoology), animal social construction, and the moral relationship of animals in human society. Directed independen work wimal societal issues Students will design and complete an independent study project. (L)
VETT 59
\[
\begin{aligned}
& \text { Veterinary Tech } \\
& \text { Board Review }
\end{aligned}
\]

36 lecture hours
Review of pertinent subject matter in preparation for the National Board and California State Veterinary Technicia Examinations. Includes a review of the California Statutes and content review of all pertinent medical subjects as well as question analysis strategies. Also includes test taking skills, est anxiety reduction techniques and practice board exams;

VETT 91 \(\qquad\) Veterinary Assisting
54 lecture hours
Concepts of veterinary medicine needed to function effectively as a veterinary assistant, veterinary receptionist, kennel sta
or animal shelter worker. This course does not lead to the AS Degree in Veterinary Technology but can be used as a ste owards entry into that program. (L)

\section*{Welding \\ Technologies}

\section*{WELDING TECHNOLOGIE}
(Associate in Science)
1. Demonstrate appropopriate workplace ses safety poblice: to:
welding and fabrication operations.
3. Recoognize and intertrpettechochicald drawingss in planniningand fabbication propjectis.

REQUIRED COURSES
DRAFT 20 Blueprint and Specifications
MFGT 20 Principles of Machine Shop.
MFGT 20 Principles of Machine Shop....................
WELD 10 Introduction to Shielded Metal Arc Welding
WELD 20 Introduction to Gas Metal Arc Welding..
WELD 22 Intermediate Gas Metal Arc Welding...
WELD 40 Introduction to Gas Tungsten Arc Welding............. 4
 Arc Welding.
Plus 3 units from the following courses:
Plus 3 units from the following courses:
AUTO 22 Hydraulics (Fluid Power).
CWEE 45A Occupational Work Experience-Vo...................... 3 WWEE 45B Occupational Work Experience-Paid. MFGT 21 Intermediate Machine Shop ELD 52 intermediate Structural Steel and Flux Cored Arc WELD 64 Advanced Pipe Welding. ELD 62 Pipe Welding Fundamenta Total units required for degree major............................... 3 Students earning an AAAAS degree must complete a minimum of 18 units of
General Education requirements, the multicultral graduation requirement, and General Eaucation requirementst, the multicultural Irraduation requirement. and
the heath requirement in addition to the program units
musted herer. Students must complete a total of fod difgree applicabte units to earm an AA or AS. Pleas

NELDING TECHNOLOGIES
Certificate of Achievement)
Required Courses Units
MFGT 20 Principles of Machine Shop.
WELD 12 Intermediate Arc Welding.
WELD 20 Introduction to MIG Welding.
WELD 22 Intermediate MIG Welding.
WELD 40 Introduction to Tlig
Total units required....

\section*{WELDING TECHNOLOGIES}

Certificate of Achievement)
1. Demonstrate appropriate workplace safety policies and procedures during welding and fabricition operations.
2. Demenstrate minimum competency inmaiorwelding processes used inindustr) awings inplanningandfabrication projectis Required Courses
WELD 30 Gas Welding WELD 31 Arc Welding
WELD 83 GMAW/GTAW Production Welding
WELD 85 Structural Design and Fabrication

\section*{ADVANCED WELDING TECHNOLOGIES}
(Certificate of Achievement)
Students who complete this program should be able

\section*{welding and dababication operations. \\ 2. Demonstrate minimum competencry inmajorwelding processes use \\ ompetency inmajorweldingprocesses usedinindustry}

Required Courses
Required Courses
RAFT20 Blueprint an
Units
MFGT 20 Principles of Maccifications Readin MFGT 20 Principles of Machine Shop. mielded Metal Acc......................... Shielded Metal Arc Welding WELD 22 Introduction to Gas Metal Arc Welding WELD 40 Introduction Gas Metal Arc Welding.. WELD 40 Introduction to Gas Tungsten Arc Welding...........
WELD 50 Introduction to Structural Steel and Flux Cored
 Total units required.

WELD 10
Introduction to Shielded
4 units
54 lecture hours, 5 Metal Arc Welding (SMAW)
Transferable to CSU
This course advances beginning arc welding skills with an emphasis on Shielded Metal Arc Welding (SMAW). Power
sources, electrode identification, weldability of metals, joint design, air arc, oxyacetylene cutting, and introduction to other welding processes are covered. Activities include learning to weld stringer and weave beads, and producing butt and
fillet welds in the flat and horizontal positions. Welds will be performed to the AWS welding standards. Grades are P/NP option.
WELD 12 Intermediate Shielded Metal 4 units 54 Arc Welding (SMAW)-
Prerequisite: Satisfactory completion of: WELD 10 Transferable to CSU
This course covers intermediate arc welding skills with Metal Arc Welding (SMAW) process. Course activities prepar the student for weld certification, pipe welding and advanced arc welding classes. Weld symbools, joint preparation, weld
codes, AWS standards and weld alloys are covered.

\section*{WELD 14} Advanced Shielded Meta
Arc Welding (SMAW)
8 lecture hours, 54 lab hours
rerequisite: Satisfactory completion of: WELD 12 Transferable to CSU
This is an advanced course designed to prepare students to pass structural steel certification in vertical and overhead oositions. The Shielded Metal Arc Welding (SMAW) process will be used. The goal of this class is to pass the AWS D1.1 procedures will be followed. Completion of the class does ot guarantee AWS certification unless welding procedure ualification tests are passed. Grades are P/NP.
WELD 20
Introduction to Gas Meta
4 lecture hours 54 Arc Welding (GMAW)
ransferable to CSU
Emphasizes developing skills on light gauge steel, aluminum, and stainless steel. Related instruction will include ferrous and nonferrous metal identification and their welding haracteristics, MIG welding applications and variable, inert and welds and spot welding.
WELD 22
Intermediate Gas
Metal Arc Welding (GMAW)
54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: WELD 20
ransferable to CSU
his is an intermediate course with an emphasis on vertical improving upon the Gas Metal Arc Welding (GMAW) skills earned in Weld 20. This course emphasizes skills needed for entry into the work force as a GMAW (also known as MIG) re P/NP option.
WELD 24
Advanced Gas Metal
Arc Welding (GMAW)
2 units
18 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: WELD 22 Transferable to CSU
This is an advanced course with an emphasis on out of position Gas Metal Arc Welding (GMAW) welding. This course is esigned for those whowish as GMAW (also known prepare welder. Grades are P/NP option.
WELD 30 Gas Welding
18 lecture hours, 54
Gas welding processes: background, safety applications and methods of operation; welding, burning, brazing and soldering WELD 31 Arc Welding
Transferable to CSU
Basic theory, practice and operation of manual arc welding ncluding joints, positions, electrode identification, operatio

LD
Tungsten
54 lecture hours, 54 lab hours
Transferable to CSU
GTAW) process. The course to Gas Tungsten Arc Welding welding mild steel, aluminum and stainless steel. The cours will stress welding applications on flat and pipe stock in all positions to develop GTAW (also known as TIG) welding sklils,
Course content will include metal identification and welding symbols. Grades are P/NP option.
WELD 42

\section*{Intermediate Gas Tungs}

54 Arc Welding (GTAW)
Prerequisite: Satisfactory completion of: WELD 40 Transferable to CSU
This is an intermediate course with an emphasis on vertica and overhead Gas Tungsten Arc Welding (GTAW). This clas
is designed for the student who is interested in improving hia her beginning skills in order to prepare for entry into the job force as a GTAW (also known as TIG) welder. Grades are P/ NP option
WELD 44 Advanced Gas Tungsten 2 units 18 lecture hours, 54 lab Welding (GTAW) Prerequisite: Satisfactory completion of: WELD 42 Prerequisite: Satisfa
This is an advanced laboratory course further emphasizing out of position Gas Tungsten Arc Welding (GTAW). This course designed for those who wish to improve their skills to a lev


WELD 50 Introduction to Structural Steel and Flux Cored Arc Weld (FCAW)
54 lab hours
54 lecture hours, 54 lab hours
This course emphasizes developing skills on structural stee and Flux Cored Arc Welding (FCAW) practices. Related characteristics, FCAW welding applications and variable dual shield inert shielding gases and mixtures. Students will position Grates anP

Prerequisite: Satisfactory completion of: WELD 50 This course emphasizes improving skills in structural stee and flux cored arc welding (FCAW) practices. Related ntruction wili incluce: ferrous metal identification and welding dual shield inert F iedding welding applications and variables, wal shield ine form and welding in all positions. Grades are P/
NP option.
WELD 54
8 lecture hours, 54 lab hours

and
his is an advanced laboratory course further emphasizing designed for those who wish to improve their). Thills course is hem for entry into the workforce as a FCAW welder. Grades are P/NP option.
WELD 62

\section*{Pipe Welding}

54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: WELD 12
This course covers fundamentals of pipe welding with mphasis on open groove pipe joints and pipe joint preparation sing oxy-fuel cutting, plasma cutting, and proper grinding welding (SMAW) but will introduce students to other welding processes related to welding pipe in all positions. Grades are

WELD 64 Advanced Pipe Welding 4 units 5 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of: WELD 62
This is an advanced pipe welding course with an emphasis o pipe welding codes, and classification and identification of pipe and pipe welding procedures. Completion of the class does no guarantee certification unless welding procedure qualification
lests are passed. Grades are P/NP option.

WELD 83
GMAW/GIAW Production
Welding

54 lecture hours, 54 lab hours
This course is an introduction to gas tungsten arc welding (GTAW) and gas metal arc welding (GMAW). It covers plasm Students will be introduced to manual and Computer Numerica Control (CNC) plasma cutting. Grades are P/NP option.
WELD 84
Welding
4 lecture hours, 54 lab hours
This course focuses on project design, metal fabrication and fabrication methods. Students will receive instruction learn sheet metal design and fabrication techniques utilizing manual and automated equipment. Grades are P/NP option.
and Fabrication
54 lecture hours, 54 lab hours
Prerequisite: Satisfactory completion of WELD 84
Other: Projects are designed with CNC Equipment Structural weld design and fabrication of weldments. Operatio of mechanized iron workers, tubular benders and press brake operations and other fabrication equipment. Students w receive instruction on utilization of blueprints, welding symbol
cost estimation, and layout techniques in regards to structura cost estimation, and layout echniques, integar
steel applications. Grades are P/NP option. (C)
WELD 88
Welding Technical
54 lecture hours, 54 lab hours
Individualized instruction of special topics; including weld A.P.I., A.S.M.E., research, and special welding processes and projects. Grades are P/NP option. (C)

WELD 89 Agriculture Welding 54 lab hours Emphasizes the development of minimum skill standard Oxy-Fuel Welding) and OFC (oxy-fuel cutting) are covered. The qualification and certification standards for entry-l-vel welders as established by The American Welding Society will be covered. Introduction to GMAW, GTAW, FCAW

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SUSIE COURPET
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\section*{Index}


\section*{Index}


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[^0]:    For the most up-to-date copy of this advising sheet, visit: yc.yccd.edu/studenttranster

