Calendar

Fall 2011

REGISTRATION DATES

On-line applications accepted for
Fall 2011 semester..... October 1- August 25

In person applications .....August 29

Continuing student internet registration
(by appointment) ..... May 5

New student internet registration
(by appointment) ..... May 31

GENERAL CALENDAR DATES

Day and Evening Classes Begin .....

Pie ce C llege

Information 1 ?

College has been a landmark in the West San Fernando Valley [illegible]
over 60 years. In December 1943, 392 acres of land setting rolling [illegible] hills [illegible]
was purchased to establish the Clarence W. Pierce School of [illegible]

instrumental in forming the new college over the objections [illegible] of [illegible]
many who thought the West Valley too rural to support a learning [illegible]

first classes at Pierce, which were designed to provide technical [illegible] ?

light bulbs in makeshift classrooms created from Quonset huts [illegible] salvaged [illegible]
from World War II. The College's first students, 212 male [illegible] World [illegible]
War II veterans (77 full-time and 135 part-time) enrolled in [illegible] 46 [illegible]
courses and weathered the sun, the winds, power failures, floods [illegible] and [illegible]
mud. The College colors, selected by the students of Pierce [illegible] College [illegible]
in 1947, are scarlet and white [illegible]

Strategic Goals and Strategies

Pierce's mission statement identifies us as a learning institution committed to serving students and the community. In order to achieve our mission, eight broad goals for institutional development have been developed to guide the college's planning and decision making processes. These goals and

Welc me

Defini i n f Se -al Ha a men

Ma ic-la i n E em i n At the time of application, all students are classified as exempt or non-exempt from various matriculation components. The exemption policy is listed below:

A t E to C t :

(1) Students who have already earned an A.A./A.S. degree or higher.

(2) Students who are attending Pierce with a goal of personal interest and who have completed fewer than 16 units of college credit.

N t : Students who have completed assessments or prerequisite courses at other colleges should present this documentation for verification to the Assessment Center Director. (Verification must be presented before an exemption can be granted).

O t to E to C t :

(1) Students who have already earned an A.A./A.S. degree or higher.

(2) Students who are concurrently enrolled at a four-year college or university and who have completed fewer than 16 units of college credit.

(3) Students who are concurrently enrolled in the 12th grade or below and who have completed fewer than 16 units of college credit.

(4) Students who are attending Pierce with a goal of personal interest and who have completed fewer than 16 units of college credit.

Co A /A t E to C t :

(1) Students who have already earned an A.A./A.S. degree or higher.

(2) Students who are attending Pierce with a goal of personal interest and who have completed fewer than 16 units of college credit.

Ma ic-la i n Challenge

Students wishing to challenge any matriculation component should request a waiver form from the Assessment Center in the Student Services Building. Please fill out the form, then return it to the Assessment Center. Please retain a copy of the waiver.

Students with complaints or challenges to

Admi i n & Regi a i n Information

Enrollment Process: How to Register for Classes

4. The student has the documented knowledge or ability to succeed in the course without meeting the prerequisite.
5. The student believes it to be unfounded that he or she might cause a health or safety hazard.

T t o o t o :

1. Obtain and complete a challenge form, accompanied by all necessary documentation, from the Assessment Office (Student Services Building), or download at: www.piercecollege.edu/offices/assessment_center
2. Return the completed form with documentation to the Assessment Office. A prerequisite challenge written documentation (e.g. proof of alternative course work, explanation of background or abilities which adequately prepare the student for the course, etc.) before it can be processed.
3. You will be notified by the Assessment Center regarding the decision.

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(8 8) -6 d d.

Uni Ma im-m

The maximum study load is 18 units during a regular semester. The normal class load for students in the fall or spring semester is from 12 to 18 units a semester for full-time students. A college program of 15 units is equal to at least a 50-hour work week for most students. Students who desire to take 19 or more units may file a Petition for Excess Units in the Dean of Admission's Office during the week before the semester begins or the first two weeks of the semester.

Those students who will be employed while attending college should consider reducing their programs accordingly. It is suggested that those students who are employed full-time should enroll in no more than one or two classes or 9 units maximum.

En llmen Fee A i ance

The college offers enrollment fee assistance to California resident students who are unable to pay the enrollment LE[illegible]

Heal h Se ice Fee

The Los Angeles Community College District charges an $11.00 mandatory health fee for the Fall and Spring semesters and $8.00 for the Summer and intersession, payable to one campus only, to cover the costs of health centers at each college. Due to recent state legislative changes, beginning in the Fall 2006 semester, the student health fee will no longer be waived for Board of Governor Grant recipients. Payment of the health fee can be made at the Business Office each semester. This fee enables students to take advantage of the on-campus health center located on the second floor of the Student Services Building.

Pierce College does NOT require vaccinations to enroll; however, some programs may require certain immunizations. Please call the Health Center at 818-710-4270 for specific vaccines available or check our website at www.piercecollege.edu/offices/health_center for additional information.

S -den Re e en a i n Fee

A $1 Student Representation Fee per semester is due at the time of registration. The fee was established to provide for the support of student representatives involved in governmental affairs.

N n-Re iden T-i i n Fee

The 2011-12 tuition fee for non-resident students is $190 per semester unit for students who are non-residents from another state; $207 per

Grades and Grade Change

The instructor of the course shall determine the grade to be awarded to each student in accordance with the preceding Grading Symbols and Definitions Policy. The determination of the student's grade by the instructor is final in the absence of mistake, fraud, bad faith, or incompetency. The removal or change of an incorrect grade from a student's record shall be done only upon authorization by the instructor of the course.

In the case of fraud, bad faith, or incompetency, the final determination concerning removal or change of grade will be made by the College President.

Grades are not mailed to students. It is important to check your grades at the end of every semester. Grades are available to students on-line at www.piercecollege.com.

Grade Change Procedure

Students should file a petition for grade change in the Graduation Office to have an instructor reevaluation of a course grade, provided the grade in question was originally issued within the last year. Effective September 2002, grade changes will not be considered for grades issued more than 1 year ago.

Transcripts

Upon written request of the student, a copy of the student's academic record shall be forwarded to the student or his or her designated addressee promptly by U.S. mail, electronically or other responsible forwarding agency.

A student or former student shall be entitled to two free copies of the transcript of his or her record or two free verifications of student records. Additional copies shall be made available to the student, or to an addressee designated by the student, at a cost of $3. Students may request special processing to expedite their request for an additional fee of $7 per transcript or verification. This option is subject to the College's ability to provide this service. Requests for transcripts or verifications may be obtained online. Transcripts from another institution are not available for copying.

The student's transcript and/or verification of enrollment may be withheld if 1) any library books or other library materials are charged to the student and are unreturned, 2) there are any unpaid fees or charges due to the College, or 3) any other unreturned college property. The transcript may be withheld until these obligations of the student to the College are discharged.

Academic Renewal

The following policy applies only to classes taken at Pierce College. Students may submit a petition to the Office of Admissions and Records to have grades of "D" or "F", removed from their grade-point-average under the following conditions:

1. Students must have achieved a grade-point-average of 2.5 in their most recent 15 semester units, or 2.0 in their most recent

LACCD Board Rule 6704

A College President may designate department approved courses listed in the college catalog wherein any student who satisfies the following requirements may be granted credit by examination:

A. Be currently registered and be in good standing (i.e., the student

Courses Offered on a Pass/No Pass Basis

(F me l C edi /N C edi)

The college offers courses which students may elect to take on a Pass/No Pass basis.

1. Students have the option of selecting Pass/No Pass only for those courses listed below.
2. Selection of courses to be taken on a

Scholastic P licie

Advanced Placement Information -

Credit for Advanced Placement Exams

@ Current Pierce College policy will not allow students who scored a 3 on either of the English Advanced Placement exams to progress to IGETC Area 1B: Critical Thinking and English Composition. Students who scored a 3 on either of the

Area.107 63of107 63 946.385(GE6.385(Breadth6.385((A1ual10.86rough6.385(E)6.38

Academic S anda d f Di mi al

A student shall be subject to dismissal and subsequently be dismissed under the conditions set forth within this section. Dismissal shall be determined based on student course work dating from Fall, 1981; course work completed prior to Fall of 1981 is excluded from dismissal calculations.

Academic P ba i n

A student who is on academic probation shall be subject to dismissal if the student has earned a cumulative grade-point-average of less than 2.0 in all units attempted in each of 3 consecutive semesters.

A student who is on academic probation and earns a semester grade-point-average of 2.0 or better shall not be dismissed as long as this minimum semester grade-point-average is maintained.

P ge P bai n

A student who is on progress probation shall be subject to dismissal if the cumulative percentage of units in which the student has been enrolled for which entries of No Pass (NP), formerly No Credit, Incomplete (INC), and/or Withdrawal (W) are recorded in at least 3 consecutive semesters reaches or exceeds fifty percent (50%).

A student who is on progress probation shall not be dismissed after a semester in which the percentage of units in which the student has been enrolled for which entries of “W”, “INC” and “No Pass (NP), formerly No Credit”, are recorded is less than fifty percent (50%).

A eal f Di mi al

A student who is subject to dismissal may appeal to the Dean of Admissions and Records. Dismissal may be postponed and the student continued on probation if the student shows significant improvement in academic achievement but has not been able to achieve to a level that would meet the requirements for removal from probation.

Di mi al

A student who is subject to dismissal, and who has not been continued on probation through the appeal process, shall be notified by the College President, or designee, of dismissal which will become effective the semester following notification.

Dismissal from any one college in the District shall disqualify a student from admission to any other college in the District.

Readmi i n Af e Di mi al

A student who has been dismissed may request reinstatement after two semesters have elapsed. The student shall submit a written petition requesting

S -den Di ec Inf ma i n

Los

(d) At the discretion of the College President, the names, addresses and telephone numbers of students from the College may be released to heads of private and/or public institutions of higher education, or their designees, for the purpose of providing information to students regarding transfer opportunities to those institutions, unless the student has indicated that such information should not be released. The release of this information will be conditioned upon the institution's agreement that student privacy rights under federal and state law will be protected and that information will not be released to third parties.

(5) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA.

The name and address of the Office that administers FERPA are:
Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-4605

Una- h i ed Relea e f S -den Rec d

Release of student records by faculty members to third parties, which includes parents and other family members, without a student's written permission or in the absence of a judicial order is prohibited by the

B a d R-le 9803.14

C llege D c-men . Forgery, alteration, or misuse of college documents, records, or identification.

B a d R-le 9803.15

Di -/i n f Cla e c llege ac i i ie . Obstruction or disruption of classes, administration, disciplinary procedures, or authorized college activities.

B a d R-le 9803.16

Thef f Damage f P /e . Theft of or damage to property belonging to the college, a member of the college community, or a campus visitor.

B a d R-le 9803.17

In e fe ence i h /eace f c llege. The malicious or willful disturbance of the peace or quiet of any of the Los Angeles Community Colleges by loud or unusual noise, or any threat, challenge to fight, fight, or violation of any rules of conduct as set forth in this Article. Any person whose conduct violates this section shall be considered to have interfered with the peaceful conduct of the activities of the college where such acts are committed.

B a d R-le 9803.18

A a-l ba e . Assault or battery, abuse, or any threat of force or violence [redacted] toward any member of the

B a d R-le 9803.27

Pe f mance f an Illegal Ac . Conduct while present on a college campus or at a location operated and/or controlled by the District or at a District-sponsored event, which is prohibited by local, State, or federal law.

B a d R-le 9804

In e fe ence i h Cla e . Every person who, by physical force, willfully obstructs, or attempts to obstruct, any student or teacher seeking to attend or instruct classes at any of the campuses or facilities owned, controlled or administered by the Board of Trustees of the Los Angeles Community College District, is punishable by a fine not exceeding five hundred dollars ($500) or imprisonment in a county jail not exceeding one year, or by both such fine and imprisonment. As used in this section, "physical force" includes, but is not limited to, use of one's person, individually or in concert with others, to impede access to or movement within or otherwise to obstruct the students or teachers of the classes to which the premises are devoted.

B a d R-le 9805

In e fe ence i h Pe f mance f D- ie b Em1 ee . Every person who attempts to cause, or causes, any officer or employee

C n eling, T ea men and Rehabili a i n

The following counseling, treatment, and rehabilitation resources are available for the treatment of alcohol and drug dependence and abuse.

- Los Angeles Community College District Employee Assistance Program (EAP) www.laccd.edu/health/eap; (800) 342-8111
- National Council on Alcoholism and Drug Dependence www.ncadd.org; (800) NCA-CALL
- California Department of Alcohol and Drug Programs www.adp.ca.gov; (800) 879-2772
- Los Angeles County Alcohol and Drug Program Administration www.lapublichealth.org/adpa; (800) 564-6600
- Alcoholics Anonymous www.alcoholics-anonymous.org (213) 387-8316; (818) 988-3001
- Cocaine Anonymous www.ca.org; (213) 839-1141
- Marijuana Anonymous www.marijuana-anonymous.org; (800) 766-6779
- Narcotics Anonymous www.na.org; (800) 863-2962
- Families Anonymous www.familiesanonymous.org; (800) 736-9805

Penal ie f C igh Inf ingemen and Illegal File Sha ing

Unauthorized distribution of copyrighted material, including unauthorized peer-to-peer file sharing, may subject students to civil and criminal liability. Civil liability for copyright infringement may include payment of monetary damages to the copyright owner. Criminal penalties for copyright infringement may include fines up to $250,000 and imprisonment up to ten years. Students who violate the District's computing facilities usage policy *(-2)* may also be subject to college disciplinary action, including, but not limited to, suspension or expulsion.

S den Di ci line P ced e

Community college districts are required by law to adopt standards of student conduct along with applicable penalties for violation (Education Code Sections 66017, 66300, 76030 and 76031). The Los Angeles Community College District has complied with this requirement by adopting Board Rule 9803, Standards of Student Conduct and 91101, Student Discipline Procedures. The purpose of Board Rule 91101 is to provide uniform procedures to assure due process when a student is charged with a violation of the Standards of Student Conduct. All proceedings held in accordance with these procedures shall relate specifically to an alleged violation of the established Standards of Student Conduct.

These provisions do not apply to grievance procedures, student organization councils and courts, or residence determination and other academic and legal requirements for admission and retention. Disciplinary measures may be taken by the College independently of any charges filed through civil or criminal authorities, or both.

Copies of the Student Discipline Procedures are available in the Student Services Office.

S den G ie ance P ced e

The Student Grievance Procedure is to provide a prompt and equitable means for resolving student grievances. The grievance procedure may be initiated by a student or group of students who reasonably believe that he/she/they have been subject to unjust action or denied rights that adversely affect his/her/their status, rights, or privileges as a student. The grievance procedure is detailed in District Administrative Regulation E-55 which is available in the Student Services Office and the Office of College Compliance (OCC) to any student or applicant to the college.

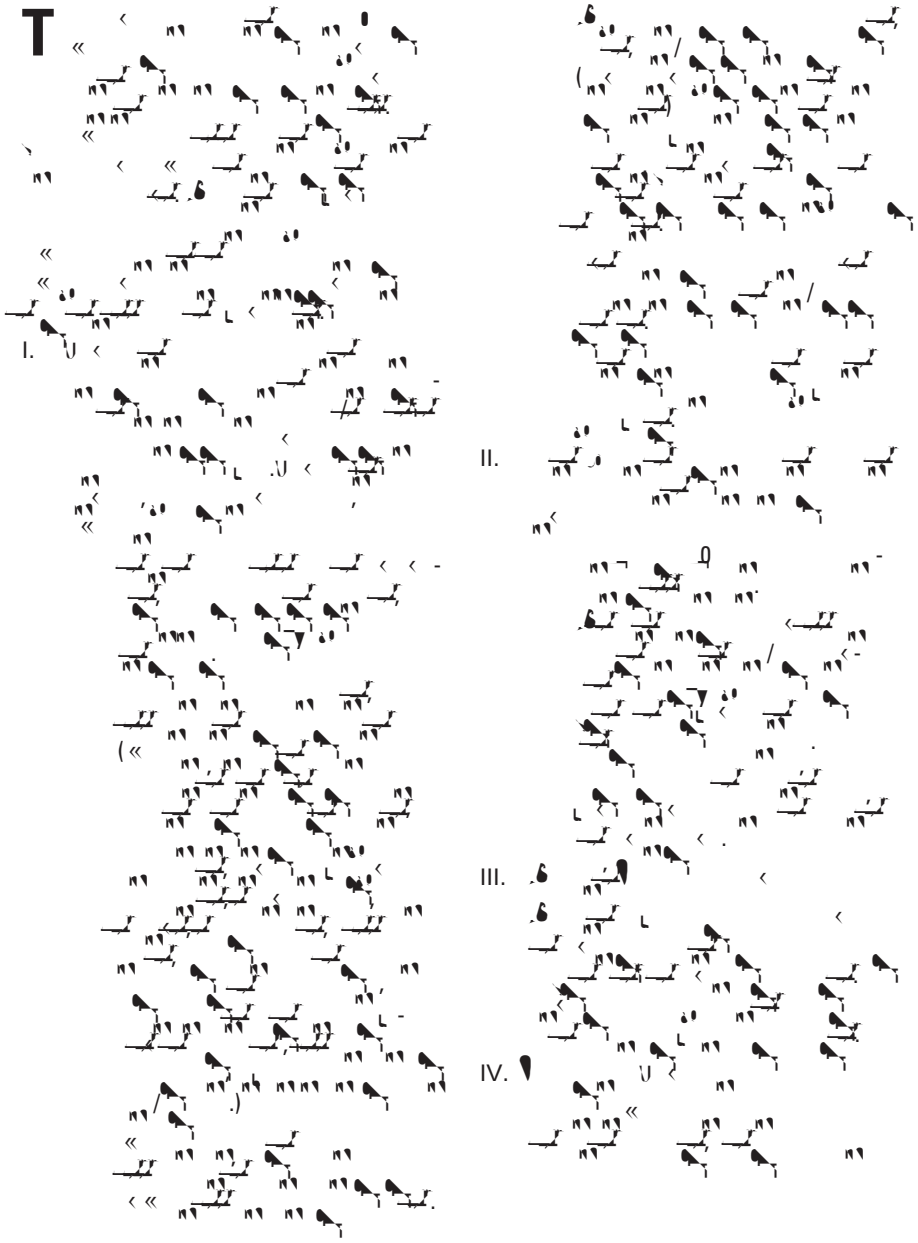
This grievance procedure does NOT apply to the challenge process for prerequisites, corequisites, advisories and limitations on enrollment; alleged violations of sexual harassment; actions dealing with student discipline; alleged discrimination on the basis of ethnic group identification, religion, age, sex, color, sexual orientation, physical or mental disability; or an appeal for residency decision; or to eligibility, disqualification or reinstatement of financial aid; issues related to freedom of the press, employee discipline, challenges of district policies, or financial claims against the district.

In addition, section 76224 of the California Education Code provides: "When grades are given for any course of instruction taught in a community college district, the grade given to each student shall be the grade determined by the instructor of the course and the determination of the student's grade by the instructor, in the absence of mistake, fraud, bad faith, or incompetency, shall be final."

The following steps should be taken to begin the grievance procedure:

Step I Inf mal P ce

All parties involved in a potential grievance are encouraged to seek an informal remedy. In the majority of the cases, a meeting with the person with whom the student has a grievance or with that person's immediate supervisor or chair can resolve the issue(s). The student may also seek the assistance of the College administrator/dean of the area. Depending on the particular circumstances, students may seek



Student Services

The primary purpose of the Office of Student Services is to protect the right of every student to receive a higher education and to ensure that this right will not be infringed upon

[illegible]

The FSEOG is a federal grant program designed to supplement other sources of financial aid for students with exceptional need. FSEOG awards are based on financial need and fund availability. There is a six (6) approved unit minimum enrollment requirement at the college where students are receiving financial aid. Since this is a limited funded program, priority will be awarded to students who are enrolled at least six (6) approved units at Pierce College. FSEOG awards range upward from $100 to $400 per year, depending on need and packaging policy.

S a e Financial Aid G an

To qualify for any of the state-funded grants, a student must be

[illegible]

The California Chafee Grant is a federal grant administered by the California Student Aid Commission and provides assistance to current or former foster youth to use for college courses or vocational school training. Eligible students may receive up to $5,000 per academic year. To learn more about this program and to apply online, go to www.chafee.csac.ca.gov/default.aspx

[illegible]

This grant program provides need-based educational grants to the dependents and spouses of California peace officers (Highway Patrol,

Enrollment Fees. To avoid the Financial Aid Office to Verify Student Loan Debt Systems.

It is advised that you contact the Financial Aid Office to from all of your classes so you understand the results of your actions. For the refund policy on enrollment fees and non-resident tuition, please see the College Schedule of Classes or the College Catalog.

Student Rights and Responsibilities

Rights

All Los Angeles Community College District students who apply for and receive financial aid have a right to the

Federal Direct Loan

Cal Grant B and C

Child Development Teacher Grant

Professional Judgment may be exercised in applying these standards in accordance

Transfer Information

The T an fe Cen e

The Pierce College Transfer Center has resources and services to make the transition from Pierce to a four-year college/university easier. Representatives from many public and private universities, including UCLA, CSUN, CSU Los Angeles and UC San Diego meet regularly with prospective students to advise them regarding admissions, program planning, and other support services.

For additional information on these and other transfer-related activities, visit the Transfer Center on the first floor of the Student Services Building. You can also contact the Transfer Center at (818) 710-4126.

T an fe Inf ma i n Web i e :

As a student, the internet is one of your most important resources for transfer information. We have available workstations available to use in our center. Actuan[(center5.6007 in2490 545.6007 in23.05 0 d0 0 0 0 ETMC BC00 1 19 0 0 9 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90

T an fe

Honors Program students successfully transfer to colleges and universities across the country. However, we have a special arrangement with the UCLA College of Letters and Sciences Transfer Alliance Program (TAP). Students who complete at least 60 units in a pattern that satisfies both the UC lower division and major course requirements, complete at least 18 Honors units including four (4) formal Honors classes within these 60 units, and maintain an overall grade point average of 3.25 in UC-transferable units, are eligible for TAP certification.

Satisfactory completion of the above gives students priority consideration for admission to UCLA with junior standing. Similar agreements with UC Irvine, UC Riverside, UC Santa Cruz

Community Education provides a community based program, opportunities for personal and professional development, skill improvement and upgrading, cultural enrichment and recreational enjoyment for all ages, emphasizing lifelong personal and professional growth.

These activities are offered in addition to Pierce College's instructional program and are not academic equivalents of regular credit classes or prerequisites for the traditional college program.
This program is supported by participant fees and receive no direct general purpose tax funds.

Through the Extension Program, Pierce College hopes to serve your interests, and through you, our whole community. For a calendar of activities or further information, please contact the Extension Services Office at (818) 719-6425 or visit http://extension.piercecollege.edu.

Ec n mic and W kf ce De el men

Services that we deliver to our community include but are not limited to the following::

Contract Education offers customized, quality classes and timely workshops to local business and industry on campus or at the workplace. This program can augment a company's current training program or develop specialized classes to meet professional needs. Special Classes in areas such as Harassment Prevention and Clean Energy Auditing, with BPI Certification to meet new California State laws.

- We offer more than 200 classes in on-line training
- Interpreters/translators are available in 150 languages

Pierce Business Center offers nationwide testing services to the community for approximately 30 different subject areas. Among those include Transportation Security Administration (TSA), Board of Certified Energy Practitioners (NABCEP), and border Patrol and Port Security..

Train-to-Hire classes for people who are looking for work.

Vocational classes as Fiber Optics, Green Technology and Solar Technology

Pre-Employment Testing and Evaluation for prospective employees

- Administering of current testing or construction of new testing
- Evaluation of company employee screening materials
- Assessment of employees

For further information please contact Judith Trester, Director, at (818) 710-2549.

ENCORE Olde Ad-l Ed-ca i n P g am

ENCORE is a Pierce College program designed specifically for mature adults in our community.

ENCORE offers free noncredit classes and fee-based not for credit classes and provides volunteer opportunities. Classes range from arts & humanities, health & fitness, to finance and technology. There are no tests or papers to write.

ENCORE noncredit classes generally meet for 2 hours a week for 15 weeks. Students enrolled in ENCORE noncredit classes are Pierce

High Sch l O- each and Rec -i men

The High School Outreach and Recruitment Department (OAR) assists students and the Pierce College community in general, in achieving their higher education goals, by providing information and access to the academic and student services programs available at Pierce. Through outreach efforts at our local feeder high schools and our surrounding communities, the OAR department facilitates the transition from high school to college by proving information regard-

Pe nal C -n eling

Students can obtain personal counseling from counselors in the Counseling Office. Counseling is available to students who feel a need for short-term help with personal problems or in a crisis situation. Assistance may be provided through a limited number of individual counseling sessions and referrals. To make an appointment to see a counselor, call 818-719-6440 or go to the Counseling Office in the Student Services Building.

Ca ee Cen e

The Career Services provided are individual career counseling appointments, personal development classes and workshops in career planning and job seeking skills for those persons undecided about their career or educational goals. A library of occupational information, including a computerized career information system, is available. The Career Center is located in the Student Services Building.

Hel Cen e

The Help Center provides personal and crisis counseling

F d Se ice

T o y oo o t
o

F S

Located

Eme genc Re - ce

The campus has developed comprehensive emergency procedures on evacuations, general safety, communications, and response to a major disaster [1]

4. Curbs painted red indicate NO PARKING zones. Curbs painted yellow indicate loading and unloading zones for passengers and business deliveries. Curbs painted green indicate "special parking" or limited parking time. Curbs painted blue indicate handicapped parking by Special Permit obtained from Special Services. Student parking is not permitted in Staff/ Faculty lots without a Special Permit. Parking in red and yellow zones, loading docks, entrances to buildings and driveways constitutes illegal parking.
5. No [illegible] . V [illegible] F [illegible] .
6. The responsibility of finding a legal parking space rests with the motor vehicle operator. LACK OF SPACE IS NOT CONSIDERED A VALID EXCUSE FOR VIOLATION OF THESE REGULATIONS.
7. Any area on campus that has been closed off by barricades or other traffic control devices shall not be entered by any vehicle.
8. Motorcycles, motorscooters and motorized bicycles may not be parked in bicycle racks nor may they be driven on sidewalks or pedestrian paths. Motorcycles, motor scooters and motorized bicycles must park **in** moto Ý ή

A cia ed S -den O gani a i n (ASO)

The students of Pierce govern their own affairs through the organization known as the Associated Students Organization (A.S.O.). Each student

7. Students enrolled in college credit and/or non-credit courses are eligible to vote at the college of attendance. Enrollment in Community Services classes does not meet this requirement.

S -den Cl-b & O gani a i n

Approximately 40 campus clubs and organizations have open membership to students who are members of the Associated Students Organization. Service clubs, special interest clubs, department- related organizations, and religious clubs offer a variety of opportunities for student involvement.

The club program is coordinated by the Associated Students Organization through the Club Council. Clubs which have been active at Pierce during the past semesters include: Alpha Gamma Sigma; Anthropology Club; Boots and Saddles Club; Christian Bible Study; Cinema Club; Dance Club; French Club; Gay Straight Alliance (GSA); Geology Club; International Students Club; Parents Club; Phi Theta Kappa; Philosophy Club; Pierce

PLAN D—IGETC Plan (In e egmen al Gene al Ed-ca i n T an fe C- ic-l-m)

This baccalaureate-level general education plan fulfills the associate degree general education requirements and is accepted as fulfillment of lower-division general education requirements at all University of California and California State University Campuses.

Pa 2 - MAJOR

Follow the requirements for a Major. Majors are listed on pages 64-65.

Pa 3 - ELECTIVES

Pick Associate degree applicable courses as needed to reach 60 units.

While a c [illegible] e migh a i f m e han ne gene al ed-ca i n e [illegible]i emen , i ma [illegible] n [illegible] be c [illegible]n ed m e han nce f he e [illegible] e .

A ea A: Na [illegible] al Science

3 semester units minimum

ANATOMY 1
ANML SC 511
ANTHRO 101, 111
ASTRON 1, 2, 3
BIOLOGY 3, 6, 7, 10, 11ABC, 12ABC, 110, 121, 122, 123
CHEM 51, 60, 101, 102, 211, 212, 221
ELECTRN 4A, 6A
ENV SCI 1, 2, 7
GEOG 1, 3, 15, 17

While a c - e migh a i f m e han ne gene al ed-ca i n e -i emen , i ma n be c -n ed m e han nce f he e e .

A ea A: Na - al Science

3 semester units minimum

ANATOMY 1
ANML SC 511
ANTHRO 101, 111
ASTRON 1, 2, 3
BIOLOGY 3, 6,

Pa I

Department & Discipline	Chairperson(s)	Phone/Office
AGRICULTURE AND NATURAL RESOURCES	**D . Leland Shaw**	**710-4254 CFS 1043**
Animal Science / Pre-Veterinary Sciences	General Agriculture	
Horticulture & Landscaping	Horse and Equine Science	
Veterinary Science & Technology	Natural Resources Management	
ANTHROPOLOGICAL & GEOGRAPHICAL SCIENCES	**Diane Le ine**	**710-2876 FO 2903**
Anthropology	Archaeology	
Geography	Geographic Information Systems	
Linguistics	Meteorology	
ART/ARCHITECTURE	**G eg Gilbe n**	**719-6475 ART 3303C**
Architecture	Architectural History	Art History
Ceramics	Drawing	Fine Art
Graphic Design	Painting	Sculpture
Web Design	Digital Imaging	Multimedia
ATHLETICS	**B b L f an**	**710-2823 SOUTH GYM**
Physical Education (Intercollegiate Athletics)		
BUSINESS ADMINISTRATION	**Da id B a-n**	**719-6479 BUS 3213D**
Accounting	Business	Business Law
Finance	International Business	Management
Marketing	Real Estate	Supervision
CENTER FOR ACADEMIC SUCCESS	**Ka h B ddicke**	**710-2938 VLGE 8401**
Learning Skills	Tutoring	Computer Labs
CHEMISTRY	**I id e G dman**	**719-6464 CFS 91041**
CHILD DEVELOPMENT	**J leen V -R d ig-e**	**719-6402 BEH 1306**
COMPUTER APPLICATIONS AND OFFICE TECHNOLOGIES	**L n Cla k**	**710-4244 BUS 3210C**
Administrative Professional	General Administrative	
Business Communications	Internet	
Computer Applications	Legal Office Procedures	
Computerized Accounting	Office Procedures	
Desktop Publishing	Web Site Construction	
COMPUTER SCIENCE INFORMATION TECHNOLOGY	**L nne O'Hanl n**	**710-2933 COSC 1503**
Computer and Network Technology	Programming for Business	
Programming for Computer Science		

Ed-ca i nal Programs

Degree and Certificate Programs

A cia e f A (AA) A cia e f Science (AS)

Pierce offers a wide variety of programs that are listed on the following pages. Please refer to the previous section, Associate Degree Requirements for a description of our degree options. Students should consult with a counselor to ensure that they are completing the coursework that best meets their educational goal.

Office Clerical		C
Office Communications		C
Web Site Construction and Maintenance		C
C m-e Science		
Programming for Business	AA	C
Personal Computer Application Specialist		SC
Database Programming Specialist		SC
Programming for Computer Science	AS	C
Computer and Network Technology	AS	
Personal Computer Service Technology		C
Network Technology		C
Routing Technology		SC
Website Development		C
Web Development, Programming and Scripting		C
C iminal J- ice	AA	
Elec nic	AS	
Digital Option		C
Communications Option		C
Analog Option		C
***En i nmen al Science and Techn l g**	AA	
Controls for Sustainable Power Systems		SC
Energy Auditing and Management		SC
Environmental Field Technician		SC
Environmental Laboratory Technician		SC
Green Building Facilities Assistant		SC
Sustainable Horticulture		SC
Water Treatment Technician		SC
F ench	AA	
Gene al Ed-ca i n B ead h Re -i emen		
[illegible]		C
[illegible]		C
Gene al S -die i h an a ea f em/ha i	AA	
[illegible]		
[illegible]		
[illegible]		
[illegible]		
Ge g a/hic Inf ma i n S em (GIS)		SC
Ge g a/h		SC
Ind- ial Techn l g		
Automotive Advanced Level Hybrid Diagnostic Technician		SC

Lee4d(/)TJETEMC 8AIM22(Studies)]TJETEMC /Span &Tid[Automo(GIS))]TJETEMC /B94/Span &DC /Span /ActTmm2.313 0 Td[Automotive)8 0 0 8 80.148 180.6394 Tm(B8 3c3 1 Tf8 0 0 8 80.Service148

Educational P g am

Addiction Studies

ADDICTION STUDIES

- Associate of Arts Degree

Associate Degree requirements must be completed with a cumulative grade point average of 2.00 or better.

PROGRAM INFORMATION

FLORAL DESIGN AND MANAGEMENT

Certificate of Achievement

PROGRAM INFORMATION

This program teaches students the flowers and plants in Southern California used primarily in the florist trade. In laboratory work the student learns corsage making, flower arrangements, funeral offerings, and the use of plastic flowers. Lectures include shop management, buying, and salesmanship. Upon completion of the certificate program, the student is qualified to be employed in a flower shop.

CERTIFICATE - REQUIRED COURSES		UNITS
* PLNT SC 701	Retail Floral Design and Practices I	2
* PLNT SC 702	Retail Floral Design and Practices II	2
* PLNT SC 703	Retail Floral Design and Practices III	2
* PLNT SC 704	Advanced Retail Floral Design and Practices	2
PLNT SC 708A	Floristry Projects	1
PLNT SC 708B	Floristry Projects	2
PLNT SC 708C	Floristry Projects	3

*These courses must be taken in sequence.

CERTIFICATE - ELECTIVE COURSES 16

Select a minimum of 16 semester units from the following:

ACCTG 1 (5 units); ART 201 (3 units), 501 (3 units); BUS 55 (3 units); MGMT 13 (3 units); PLNT SC 711 (4 units), 756 (3 units), 760 (1 unit), 761 (1 unit), 762 (1 unit)

Other courses may be substituted with prior approval of the Department Chair.

CERTIFICATE - TOTAL UNITS 30

GENERAL AGRICULTURE

Associate of Science Degree

Associate Degree requirements must be completed with a cumulative grade point average of 2.00 or better.

PROGRAM INFORMATION

This program is designed to give students a broad background to prepare them for many different occupations in the field of agriculture and agricultural business.

TRANSFER STUDENTS

Completing the Associate Degree does not necessarily meet the university-admission requirements for transfer. An Associate Degree is not a requirement for transfer to either the CSU or UC campuses. Private and out-of-state colleges and universities have unique transfer requirements. However, if you would like to transfer to a university and earn an associate degree, early educational planning can make this goal achievable. You should meet with a counselor early in your studies to develop an Educational Plan that fulfills both transfer requirements and associate degree requirements.

See page 44 of this catalog for more information on transfer requirements and resources.

MAJOR - REQUIRED COURSES		UNITS
ANML SC 501	Principles of Animal Science	3
CO SCI 501	Introduction to Computers and Their Uses	3
PLNT SC 103	Introduction to Soils	3
PLNT SC 714	Principles of Horticulture	3
PLNT SC 901	Natural Resources Conservation	3

MAJOR - ELECTIVE COURSES 5 MINIMUM

Select a minimum of one course from each group:

GROUP 1: ANML SC 120 (3 units), 180 (2 units), 181 (1-10 units); PLNT SC 103 (3 units), 110 (3 units)

GROUP 2: ANML SC 501 (3 units), 505 (3 units), 506 (2 units), 510 (3 units), 511 (3 units), 512 (1 unit), 515 (2 units), 516 (1 unit), 530 (2 units), 531 (2 units), 596 (1-10 units)

GROUP 3: ANML SC 601 (3 units), 602 (3 units), 603 (10 units), 611 (2 units), 615 (1 unit), 616 (2 units), 617 (2 units), 620 (1 unit), 621 (1 unit), 630 (2 units), 631 (2 units), 640 (2 units), 645 (5 units), 650 (2 units)

GROUP 4: PLNT SC 701 (2 units), 702 (2 units), 703 (2 units), 704 (2 units), 708 (6 units), 711 (4 units), 714 (3 units), 716 (1 unit), 721 (1 unit), 722 (1 unit), 724 (1 unit), 725 (1 unit), 729 (3 units), 730 (1 unit), 742 (5 units), 756 (3 units), 757 (3 units), 760 (1 unit), 761 (1 unit), 762 (1 unit)

GROUP 5: PLNT SC 800 (3 units), 801 (3 units), 802 (3 units), 803 (3 units), 804 (1 unit), 805 (1 unit), 806 (4 units), 807 (4 units), 808 (3 unit), 811 (1 unit), 812 (3 units), 813 (3 units), 815 (2 units), 816 (1 unit), 817 (1 unit), 818 (3 units), 819 (3 units), 820 (3 units), 821 (3 units), 822 (3 units), 823 (3 units), 826 (3 units), 840 (3 units), 845 (1 unit), 848 (3 units), 851 (1 unit), 852 (1 unit), 896A (1 unit), 896B (2 units), 896C (3 units)

Select a minimum of 20 semester units from the courses below: 20

ANML SC 120 (3 units), 180 (2 units), 181 (10 units), 302 (2 units), 401 (1 unit), 402 (2 units), 410 (2 units), 411 (1 unit), 412 (2 units), 420 (2 units), 421 (1 unit), 422 (2 units), 423 (1 unit), 430 (2 units), 431 (1 unit), 435 (2 units), 436 (1 unit), 441 (2 units), 460 (2 units), 466 (1 unit), 470 (3 units), 480 (3 units), 505 (3 units), 506 (2 units), 510 (3 units), 511 (3 units), 512 (1 unit), 515 (2 units), 516 (1 unit), 530 (2 units), 531 (2 units), 596 (10 units), 601 (3 units), 602 (3 units), 603 (10 units), 611 (2 units), 615 (1 unit), 616 (2 units), 617 (2 units), 620 (2 units), 621 (1 unit), 630 (2 units), 631 (2 units), 640 (2 units), 645 (5 units), 650 (2 units); PLNT SC 110 (3 units), 701 (2 units), 702 (2 units), 703 (2 units), 704 (2 units), 708 (6 units), 711 (4 units), 716 (1 unit), 721 (1 unit), 722 (1 unit), 724 (1 unit), 725 (1 unit), 729 (3 units), 730 (1 unit), 742 (5 units), 756 (3 units), 757 (3 units), 760 (1 unit), 761 (1 unit), 762 (1 unit), 800 (3 units), 801 (3 units), 802 (3 units), 803 (3 units), 804 (1 unit), 805 (1 unit), 806 (4 units), 807 (4 units), 808 (3 units), 811 (1 unit), 812 (3 units), 813 (3 units), 815 (2 units), 816 (1 unit), 817 (1 unit), 818 (3 units), 819 (3 units), 820 (3 units), 821 (3 units), 822 (3 units), 823 (3 units), 826 (3 units), 840 (3 units), 845 (1 unit), 848 (3 units), 851 (1 unit), 852 (1 unit), 896A (1 unit), 896B (2 units), 896 C (3 units), 942 (2 units), 960 (2 units), 975 (3 units)

MAJOR - TOTAL UNITS

CERTIFICATE - ELECTIVE COURSES

Select a minimum of 6 semester units from the following courses: 6

ANML SC 120 (3 units), 180 (2 units), 181 (10 units) 506 (2 units), 512 (1 unit), 515 (2 units), 516 (1 unit), 530 (2 units), 531 (2 units), 596A (1 unit), 596B (2 units), 596C (3 units), 596D (4 units), 603A (2 units), 603B (2 units), 603C (2 units), 603D (2 units), 603E (2 units), 615 (1 unit), 616 (2 units), 617 (2 units), 631 (2 units), 640 (2 units), 645 (5 units), 650 (2 units);
PLNT SC 103 (3 units), 110 (3 units)

CERTIFICATE - TOTAL UNITS 28

HORTICULTURE - GENERAL

Associate of Science Degree

Associate Degree requirements must be completed with a cumulative grade point average of 2.00 or better.

TRANSFER STUDENTS

Completing the Associate Degree does not necessarily meet the university-admission requirements for transfer. An Associate Degree is not a requirement for transfer to either the CSU or UC campuses. Private and out-of-state colleges and universities have unique transfer requirements. However, if you would like to transfer to a university and earn an associate degree, early educational planning can make this goal achievable. You should meet with a counselor early in your studies to develop an Educational Plan that fulfills both transfer requirements and associate degree requirements.

See page 44 of this catalog for more information on transfer requirements and resources.

ENTRY LEVEL - REQUIRED COURSES

		UNITS
PLNT SC 103	Introduction to Soils	3
PLNT SC 711	Botany for Horticulture	4
PLNT SC 714	Principles of Horticulture	3
PLNT SC 800	Plant Identification and Use I	3
PLNT SC 840	Introduction to Pest Management	3
PLNT SC 896A	Horticulture Projects A	1
PLNT SC 896B	Horticulture Projects B	2
PLNT SC 896C	Horticulture Projects C	3

MAJOR - REQUIRED COURSES

PLNT SC 716	Arboriculture I (Care of Trees and Shrubs)	1
PLNT SC 742A	Practicum in Horticulture A	1
PLNT SC 756	Greenhouse Plant Production (3 units)	
	or	
PLNT SC 757	Plant Propagation (3 units)	3
PLNT SC 760	Indoor Plant Care and Maintenance I	1
PLNT SC 808	Residential Landscape Design	3
PLNT SC 812	Landscape Installation and Maintenance I	3

MAJOR - ELECTIVE COURSES

Select a minimum of 7 semester units from the following courses: 7

PLNT SC 701 (2 units), 702 (2 units), 703 (2 units), 704 (2 units), 708 (6 units), 711 (4 units), 714 (3 units), 716 (1 unit), 721 (1 unit), 722 (1 unit), 724 (1 unit), 725 (1 unit), 729 (3 units), 730 (1 unit), 742 (5 units), 756 (3 units), 757 (3 units), 760 (1 unit), 761 (1 unit), 762 (1 unit), 800 (3 units), 801 (3 units), 802 (3 units), 803 (3 units), 804 (1 unit), 805 (1 unit), 806 (4 units), 807 (4 units), 808 (3 units), 811 (1 unit), 812 (3 units), 813 (3 units), 815 (2 units), 816 (1 unit), 817 (1 unit), 818 (3 units), 819 (3 units), 820 (3 units), 821 (3 units), 822 (3 units), 823 (3 units), 826 (3 units), 840 (3 units), 845 (1 unit), 848 (3 units), 851 (1 unit), 852 (1 unit), 896A (1 unit), 896B (2 units), 896C (3 units)

MAJOR - TOTAL UNITS 41

GENERAL EDUCATION - REQUIRED COURSES

Students must complete one of the following General Education Plans:

Plan A: NOT AVAILABLE WITH THIS MAJOR	
Plan B: Pierce Career and Technical GE plan	18 units
Plan C: CSU GE Breadth Certification Plan	39 units
Plan D: IGETC	34-39 units

GREENHOUSE AND NURSERY INDUSTRY

Associate of Science Degree

Associate Degree requirements must be completed with a cumulative grade point average of 2.00 or better.

TRANSFER STUDENTS

Completing the Associate Degree does not necessarily meet the university-admission requirements for transfer. An Associate Degree is not a requirement for transfer to either the CSU or UC campuses. Private and out-of-state colleges and universities have unique transfer requirements. However, if you would like to transfer to a university and earn an associate degree, early educational planning can make this goal achievable. You should meet with a

LANDSCAPE INSTALLATION AND MAINTENANCE INDUSTRY

Associate of Science Degree

Associate Degree requirements must be completed with a cumulative grade point average of 2.00 or better.

TRANSFER STUDENTS

Completing the Associate Degree does not necessarily meet the university-admission requirements for transfer. An Associate Degree is not a requirement for transfer to either the CSU or UC campuses. Private and out-of-state colleges and universities have unique transfer requirements. However, if you would like to transfer to a university and earn an associate degree, early educational planning can make this goal achievable. You should meet with a counselor early in your studies to develop an Educational Plan that fulfills both transfer requirements and associate degree requirements.

See page 44 of this catalog for more information on transfer requirements and resources.

ENTRY LEVEL - REQUIRED COURSES		UNITS
PLNT SC 103	Introduction to Soils	3
PLNT SC 711	Botany for Horticulture	4
PLNT SC 714	Principles of Horticulture	3
PLNT SC 800		

HORTICULTURE

Certificate of Achievement

PROGRAM INFORMATION

ADVANCED VETERINARY TECHNOLOGY CLASSES UNITS

ANML SC 402	Topics in Veterinary Technology	2
ANML SC 410	Small Animal Nursing I	2
ANML SC 411	Small Animal Nursing I Lab	1
ANML SC 412	Small Animal Nursing II	2
ANML SC 413	Small Animal Nursing II Lab	1
ANML SC 420	Clinical Procedures I	2
ANML SC 421	Clinical Procedures I Lab	1
ANML SC 422	Clinical Procedures II	2
ANML SC 423	Clinical Procedures II Lab	1
ANML SC 430	Clinical Pathology	2
ANML SC 431	Clinical Pathology Lab	1
ANML SC 435	Veterinary Radiography	2
ANML SC 436	Veterinary Radiography Lab	1
ANML SC 441	Large Animal Nursing	2
ANML SC 470	Laboratory Animal Care	2
ANML SC 480	Clinical Experience for Vet Techs	6

MAJOR- TOTAL UNITS 63

GENERAL EDUCATION - REQUIRED COURSES

Students must complete one of the following General Education Plans:

Plan A: NOT AVAILABLE WITH THIS MAJOR	
Plan B: Pierce Career and Technical GE plan	18 units
Plan C: CSU GE Breadth Certification Plan	39 units
Plan D: IGETC	34-39 units

NOTE: Students enrolled in advanced level veterinary technology classes must participate in daily kennel duty, including weekends.

American Sign Language

AMERICAN SIGN LANGUAGE/ INTERPRETING PROGRAM

Associate of Arts Degree

Associate Degree requirements must be completed with a cumulative grade point average of 2.0.

Select a minimum of 4 semester units from the following:		UNITS
ANTHRO 115	Prehistoric Technology	3
ANTHRO 141	Culture, Illness & Healing	3
ANTHRO 132	Native Peoples of North America	3
ANTHRO 119	Introduction to Forensic Anthropology	2
GIS 31	Introduction to Geographic Information System	3
GEOLOGY 1	Physical Geology	3
GEOLOGY 6	Physical Geology Laboratory	2
LIB SCI 102	Internet Research Methods	1
CERTIFICATE TOTAL UNITS (A		15-17

ARCHITECTURE TECHNOLOGY

Certificate of Achievement

CERTIFICATE - REQUIRED COURSES

SCULPTURE

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Business Administration

ACCOUNTING

Associate of Arts Degree

Associate Degree requirements must be completed with a cumulative grade point average of 2.00 or better.

PROGRAM INFORMATION

This program is designed to prepare a student for entry into the business community as an accounting clerk or a middle-management trainee. It will provide the educational background for preparing the student to fulfill the needs of business in maintaining records,25(the)3mTl t1j Eeeds prepar Tm5(as)-20j Eeeds ahe nent st70-g9eeds ahsvide the cledecis25(coukds)-25(oDC c0 9e

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MAJOR - REQUIRED COURSES		UNITS
ACCTG 1	Introductory Accounting I	5
BUS 1	Introduction to Business	3
BUS 5	Business Law I	3
CAOT 32	Business Communications	3
CAOT 82	Microcomputer Software Survey in the Office	3
MARKET 1	Principles of Selling	3
MARKET 11	Fundamentals of Advertising	3
MARKET 21	Principles of Marketing	3
MGMT 2	Organization and Management Theory	3
MGMT 13	Small Business Management I	3

MAJOR - REQUIRED COURSES	
Select a minimum of 15 semester units from the following	15
ACCTG 2	

INSURANCE

Department Skill Certificate

Department skill certificates will not appear on the students' official transcripts.

PROGRAM INFORMATION

This certificate is designed to prepare students for entry-level positions in the insurance industry. These positions include appraiser, agent, customer service, administrative assistant, sales representative, and underwriting. Coursework required for the certificate is intended to help prepare students for insurance certifications as well.

CERTIFICATE - REQUIRED COURSES		UNITS
Insurance 101	Principles of Property and Liability Insurance	3
Insurance 102	Personal Insurance	3
Insurance 103	Commercial Insurance	3
Plus 6 additional units from:		6
BUS 5	Business Law (3 units)	
CAOT 32	Business Communications (3 units)	
CAOT 82 2< 1 Tf 7. Principle¬®Principle and Principle¬®BU8 ET EMC /-		6

RETAIL MANAGEMENT

Certificate of Achievement

PROGRAM INFORMATION

The retail management certificate will result in two awards: one certificate issued by the Business Administration Department and another industry certificate issued by the Western Association of Food Chains. This curriculum prepares students for careers as managers in various retail sectors.

CERTIFICATE - REQUIRED COURSES		UNITS
ACCTG 1	Introductory Accounting I	5
CAOT 31	Business English	3
CAOT 85	Microcomputer Office Applications Spreadsheet	3
MARKET 21	Principles of Marketing	3
MARKET 31	Retail Merchandising	3
MATH 115	Elementary Algebra	5
MGMT 2	Organization and Management Theory	3
MGMT 31	Human Relations for Employees	3
MGMT 33	Personnel Management	3
SPEECH 101	Oral Communication I	3
CERTIFICATE TOTAL UNITS		34

Learning Outcomes

Upon successful completion of this certificate, students will be able to:

s % NUMERICAL DATA SEWRHIBRE AT FILTINS TO HER OCCESS marketing a product.

MARKETING

Certificate of Achievement

PROGRAM INFORMATION

This certificate prepares students for basic entry-level positions in sales,

TERMINAL VOCATIONAL DEGREE

Associate of Arts Degree

All major courses must be completed with a grade of "C" or better.

Students who complete this AA degree are eligible to apply for the "Teacher Level" Child Development Permit through the California Department of Education Commission on Teacher Credentialing. Students apply for the Child Development Permit through the California Commission on Teacher Credentialing www.ctc.ca.gov or through the Child Development Training Consortium www.childdevelopment.org

Note: No work experience is required for the Teacher Level with an AA degree in Child Development. This AA degree meets all of the education requirements for the "Master Teacher Level" on the Child Development Permit. Students will need to have completed the required 350 days of work experience when applying for the Master Teacher Permit.

Associate Degree requirements must be completed with a cumulative grade point average of 2.00 or better.

PROGRAM INFORMATION

This degree is 60 units with 37 units in Child Development. Students must also meet the general education requirements for the degree by completing Plan B: Career and Technical general education plan.

TRANSFER STUDENTS

Completing the Associate Degree does not necessarily meet the university-admission requirements for transfer. An Associate Degree is not a requirement for transfer to either the CSU or UC campuses. Private and out-of-state colleges and universities have unique transfer requirements. However, if you would like to transfer to a university and earn an associate degree, early

PRESCHOOL

Certificate of Achievement

Completion of 12 units meets the State Department of Social Services minimum requirements for Child Care Center fully qualified teacher in private, for-profit centers as defined in Title 22.

LEGAL OFFICE PROCEDURE

Certificate of Achievement

PROGRAM INFORMATION

The Legal Office Procedures program prepares students for employment in a legal office. Emphasis is placed on the development of language skills, the spellings and meanings of legal terminology, and the preparation of legal proceedings and cases. Extensive instruction in computer-based word processing programs and applications along with an introduction to other computerized office functions prepares students to obtain a position in a legal office.

ENTRY-LEVEL COURSES

		UNITS
[1]CAOT 2	Computer Keyboarding II	3
CAOT 31	Business English	3
[2]CAOT 34	Business Terminology	2
CAOT 82	Microcomputer Software Survey for the Office (MS Office 2010)	3

CERTIFICATE - REQUIRED COURSES

ACCTG 1	Introductory Accounting I	5
BUS 5	Business Law I	3
CAOT 39	Word Processing: Keyboarding and Operations (MS Word 2010)	3
[3]CAOT 66	Voice-Recognition Software for Computer Input	1
[3]CAOT 67	Microsoft Outlook for the Office 2010	1
CAOT 85	Microcomputer Office Applications: Spreadsheet (MS Excel 2010)	3
[2]CAOT 92	Computer Windows Applications (Windows 7)	2
[3]CAOT 97	Introduction to the Internet for CAOT	3

CAPSTONE COURSES

[2]CAOT 23F	Legal Procedures IF	2
[3]CAOT 23G	Legal Procedures IG	3
CAOT 32	Business Communications	3
[2]CAOT 71	Voice-Recognition Software With Document Applications	3
[3]CAOT 79	Word Processing Applications (MS Word 2010)	3
CERTIFICATE TOTAL UNITS		46

[1] See course description for course prerequisites and corequisites. Students who have not acquired the necessary skills should enroll in CAOT 1.

[2] Offered in the Fall semester only.

[3] Offered in the Spring semester only.

ADMINISTRATIVE PROFESSIONAL

Associate of Arts Degree

Associate Degree requirements must be completed with a cumulative grade point average of 2.00 or better.

PROGRAM INFORMATION

The Administrative Professional program prepares students for supervisorial and managerial positions in business offices. The curriculum is directed toward enabling a candidate to complete successfully an examination developed and administered by the International Association for Administrative Professionals (IAAP) to attain the designation Certified Professional Secretary (CPS). Completion of this curriculum, acceptable scores on the CPS examination, and at least two years of successful office experience qualify the student for certification. CPS certification is the first step toward qualification for Certified Administrative Professional (CAP) certification.

Students may obtain an Associate of Arts degree in Computer Applications and Office Technologies by completing the courses shown below AND by satisfying all the requirements shown in the college catalog under Associate Degree Requirements. Students must complete one of the following general education P L A N S O R M A J O R A N # A R E A E R E C H N % C A L O L A N # 3 5 ' % " R E A # D E R H T I F D C A T L G N ' % 4 #

TRANSFER STUDENTS

Completing the Associate Degree does not necessarily meet the university-admission requirements for transfer. An Associate Degree is not a requirement for transfer to either the CSU or UC campuses. Private and out-of-state colleges and universities have unique transfer requirements. However, if you would like to transfer to a university and earn an associate degree, early educational planning can make this goal achievable. You should meet with a counselor early in your studies to develop an Educational Plan that fulfills both transfer requirements and associate degree requirements.

See page 44 of this catalog for more information on transfer requirements and resources.

ENTRY-LEVEL COURSES

		UNITS
ACCTG 1	Introductory Accounting I	5
BUS 1	Introduction to Business	3
[1]CAOT 2	Computer Keyboarding II	3
CAOT 31	Business English	3

MAJOR - REQUIRED COURSES

BUS 5	Business Law I	3
CAOT 39	Word Processing: Keyboarding and Operations (MS Word 2010)	3
[3]CAOT 67	Microsoft Outlook for the Office (2010)	1
CAOT 78	Microcomputer Accounting Applications for the Electronic Office (QuickBooks 2010)	3
CAOT 85	Microcomputer Office Applications: Spreadsheet (MS Excel 2010)	3
[2]CAOT 92	Computer Windows Applications (Windows 7)	2
[3]CAOT 97	Introduction to the Internet for CAOT	3
ECON 2	Principles of Economics 2	3
MGMT 2	Organization and Management Theory	3

CAPSTONE COURSES

CAOT 32	Business Communications	3
[2]CAOT 71	Voice-Recognition Software With Document Applications	3
[3]CAOT 79	Word Processing Applications	3
[2]CAOT 86	Microcomputer Office Applications: Database (MS Access 2010)	3
[3]CAOT 108	Presentation design for the Office (Powerpoint 2010)	2
	Or	
CAOT 110	Microcomputer Office Applications: Presentation Design (Powerpoint 2010)	3

MAJOR - TOTAL t8c 7.2 0 0 8 360.an <</ActualText (þÿ)>>BDC BTn i tC BT /T1_

BASIC COMPUTER APPLICATIONS

Certificate of Achievement

PROGRAM INFORMATION

Students are prepared for employment in business, government, and educational offices using computerized systems and procedures. Emphasis is placed on developing skills in the use of word processing, spreadsheet, and database software to perform routine office functions. Completion of this program enables students to qualify for entry-level positions in an automated office and lays the foundation for further study and advancement in office occupations.

ENTRY-LEVEL COURSES

		UNITS
[1]CAOT 2	Computer Keyboarding II	3
CAOT 31	Business English	3
[2]CAOT 34	Business Terminology	2
CAOT 82	Microcomputer Software Survey for the Office (MS Office 2010)	3
	Or	
CAOT 100	Windows-Based Computer Applications (MS Office 2010)	3

CERTIFICATE - REQUIRED COURSES

CAOT 39	Word Processing: Keyboarding and Operations (MS Word 2010)	3
[3]CAOT 66	Voice-Recognition Software for Computer Input	1
CAOT 85	Microcomputer Office Applications: Spreadsheet (MS Excel 2010)	3
[2]CAOT 92	Computer Windows Applications (Windows 7)	2
[3]CAOT 97	Introduction to the Internet for CAOT	3

CAPSTONE COURSE

[2]CAOT 86	Microcomputer Office Applications: Database (MS Access 2010)	3

CERTIFICATE TOTAL UNITS 26

[1]See Pierce College Catalog course description or CAOT Web site www.piercecollege.edu/departments/c_a_o_t/ for course prerequisites and corequisites. Students who have not acquired the necessary skills should enroll in CAOT 1.

[2]Offered in the Fall semester only.

[3]Offered in the Spring semester only.

ADVANCED COMPUTER APPLICATIONS

Certificate of Achievement

PROGRAM INFORMATION

After completing the Basic Computer Applications certificate program, students are prepared for entry-level positions in an automated office. The Advanced Computer Applications certificate adds 12 units, which lay the foundation for obtaining additional knowledge and skills in the Internet, advanced word processing functions, desktop publishing, and Web site development. Students completing this certificate are qualified for intermediate positions in an automated office.

ENTRY-LEVEL COURSES

		UNITS
[1]CAOT 2	Computer Keyboarding II	3
CAOT 31	Business English	3
[2]CAOT 34	Business Terminology	2
CAOT 82	Microcomputer Software Survey for the Office (MS Office 2010)	3
	Or	
CAOT 100	Windows-Based Computer Applications (MS Office 2010)	3

CERTIFICATE - REQUIRED COURSES

CAOT 39	Word Processing: Keyboarding and Operations (MS Word 2010)	3
[3]CAOT 66	Voice-Recognition Software for Computer Input	1
CAOT 85	Microcomputer Office Applications: Spreadsheet (MS Excel 2010)	3
[2]CAOT 92	Computer Windows Applications (Windows 7)	2
[3]CAOT 97	Introduction to the Internet for CAOT	3

CAPSTONE COURSES

[2]CAOT 86	Microcomputer Office Applications: Database (MS Access 2010)	3
Select 12 semester units from the following:		12
[3]CAOT 79	Word Processing Applications (MS Word 2010)	3
[2]CAOT 88	Microcomputer Office Applications: Desktop Publishing (Adobe InDesign CS5)	3
CAOT 96	Adobe Creative Suite CS5 Survey for the Office and Web	3
[3]CAOT 108	Presentation Design for the Office (MS Powerpoint 2010)	2
	Or	
CAOT 110	Microcomputer Office Applications: Presentation Design	1

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BASIC INTERNET

Certificate of Achievement

PROGRAM INFORMATION

Students may obtain a certificate of achievement specializing in the Internet by completing the courses shown below. Completion of this program provides students with the skills required by business offices for using the Internet to locate and capture information as well as for maintaining intranet and Internet Web pages.

ENTRY-LEVEL COURSES		UNITS
CAOT 82	Microcomputer Software Survey for the Office (MS Office 2010)	3
	Or	
CAOT 100	Windows-Based Computer Applications (MS Office 2010)	3

CERTIFICATE - REQUIRED COURSES		
CAOT 39	Word Processing: Keyboarding and Operations (MS Word 2010)	3
[1]CAOT 92	Computer Windows Applications (Windows 7)	2
[2]CAOT 97	Introduction to the Internet for CAOT	3

CAPSTONE COURSES		
[2]CAOT 79	Word Processing Applications (MS Word 2010)	3
CAOT 109	Web Multimedia for the Office (Adobe CS5 Dreamweaver and Flash)	3
CAOT 113	Introduction to Adobe Photoshop CS5 for the Office	3
CERTIFICATE TOTAL UNITS		20

[1]Offered Fall semester only.

[2]Offered Spring semester only.

DESKTOP PUB

OFFICE COMMUNICATIONS

Certificate of Achievement

PROGRAM INFORMATION

Students are prepared for employment in business, government, and educa
tional offices. Emphasis is placed on the development of keyboardia3 en/T1_3 1 Tf 17 0 0 17 90 751.533 Tm3m5asr9T3533 Tm3m5aoardia3 en/T1_25 Tm [(S

These occupational programs do not necessarily constitute the first two years of a Bachelor's degree transfer program in these fields. Consult a counselor for transfer requirements.

TRANSFER STUDENTS

Completing the Associate Degree does not necessarily meet the university-admission requirements for transfer. An Associate Degree is not a requirement for transfer to either the CSU or UC campuses. Private and out-of-state colleges and universities have unique transfer requirements. However, if you would like to transfer to a university and earn an associate degree, early educational planning can make this goal achievable. You should meet with a counselor early in your studies to develop an Educational Plan that fulfills both transfer requirements and associate degree requirements.

See page 44 of this catalog for more information on transfer requirements and resources.

PROGRAMMING FOR BUSINESS

Associate of Arts Degree

Associate Degree requirements must be completed with a cumulative grade point average of 2.00 or better.

NOTE: MATH 115 or 1 year of high school algebra with a grade of "C" or better is a required prerequisite to becoming a computer science major. Verification required upon request.

PROGRAM INFORMATION

The intent of this degree program is to provide graduates (a)10(t)T ETmp1 -llduates needederage

PROGRAMMING FOR BUSINESS

"

MAJOR - REQUIRED COURSES		UNITS
CO SCI 501	Introduction to Computers & Their Uses	3
CO SCI 516	Beginning Computer Architecture and Organization	3
CO SCI 532	Advanced Data Structures and Introduction to Databases	3
CO SCI 536	Introduction to Data Structures	3
CO SCI 539	Programming in C	

MAJOR - REQUIRED COURSES		UNITS
CO SCI 501	Introduction to Computers and Their Uses	3
[1]CO SCI 514	Network Operations and Systems	3
CO SCI 533	Databases with Access and SQL	3
[1]CO SCI 534	Operating Systems	3
[1]CO SCI 535	Network Configuration and Control Systems	3
[1]CO SCI 537	Routing Systems, Devices and Protocols	3
CO SCI 550	Website Development and Programming Using Dreamweaver and JavaScript	3
CO SCI 538	Implementing Wide Area and Wireless Networking	3
CO SCI 572	Introduction to Personal Computer Hardware and Operating Systems	3
CO SCI 575	Programming Fundamentals for Computer Science	3
[1]CO SCI 578	Routing Systems Design and Programming	3
[1]CO SCI 581	Personal Computer Upgrades and Repair	3
[1]CO SCI 587	Introduction to Computer Networks	3

[1]See course description for prerequisites.

Technical Electives:
Select a minimum of 3 units from any of the courses listed below: 9

1) PROGRAMMING: CO SCI 538 (3 units), 541 (3 units), 560 (3 units)
2) W

Learning Outcomes

Students completing this certificate program will know, or be able to do the following:

- $ E M O N S T U R A T E R S T A N K E C K G M P O N E N T S W O R K design and infrastructure Implement, configure, and maintain serv ers and server operating systems
-) M P L E C O N F I G U R A E N T A E S K T C P R A Y S T E M S
-) M P L E F M E N S T E C U R A T A R C E T Y E R A Y S T E M
- ! P A S Y T R U C T R U R U B L E A S P R O T A N H S Y N G T E M problems

ROUTING TECHNOLOGY

Department Skills Certificate

Department skills certificates will not appear on the students' official transcripts.

PROGRAM INFORMATION

This program is designed for students who desire to extend their existing network training or background to further focus on the prominent routing technology, preparing them for employment in this field.

CERTIFICATE - REQUIRED COURSES		UNITS
[1]CO SCI 537	Routing Systems, Devices and Protocols	3
CO SCI 538	Implementing Wide Area and Wireless Networking	3
[1]CO SCI 578	Routing Systems Design and Programming	3
[1]CO SCI 587	Introduction to Computer Networks	3
CERTIFICATE TOTAL UNITS		12

[1]See catalog course description for prerequisites.

Learning Outcomes

Students completing this certificate program will know, or be able to do the following:

- $ E M O N A S T U R A T E R S T A N K E C K G M P O N E N T S W O R K design and infrastructure
-) M P L E C O N F I G U R A E N T A U N T E R S U T P R O T O C O L S
-) N T E G R A T E . T E C H N O L O G I E S S F U L L Y
- ! P A S Y T R U C T R U R U B L E A S P R O T A N H W I N G W O R K problems that integrates an understanding of the OSI and TCP/IP layered models of networking
-) M P L E C O N F I G U R A E N T A N E T W O R K C H I N R A structure

WEBSITE DEVELOPMENT

Certificate of Achievement

PROGRAM INFORMATION

This program was designed fresignedPRO442 0 Td <004E004500540057004F0052004B>Tj ET /Span <</Acto <</Acto <</Acto <</ActoN 6o0</ActoN5 1 Tf 13 0

Educational Programs

For additional electives, see Electronics Department Advisor. See Catalog descriptions for prerequisites and corequisites.

GENERAL EDUCATION - REQUIRED COURSES

Students must complete one of the following General Education Plans:

Plan A: NOT AVAILABLE WITH THIS MAJOR	
Plan B: Pierce Career and Technical GE plan	18 units
Plan C: CSU GE Breadth Certification Plan	39 units

Environmental Science and Technology

EN

General Studies

GENERAL STUDIES WITH AN AREA OF EMPHASIS

- Associate of Arts Degree

Associate Degree R

BASIC DRAFTING-MECHANICAL

Department Skills Certificate

Department skills certificates will not appear on the students' official transcripts.

PROGRAM INFORMATION

The Basic Drafting-Mechanical certificate program provides the vocational student with training in the foundational aspects of mechanical computer-assisted drafting.

CERTIFICATE - REQUIRED COURSES		UNITS
IND TEK 105	Industrial Print Reading	3
IND TEK 110	Mechanical Computer-Assisted Drafting I	3
IND TEK 115	Mechanical Computer-Assisted Drafting II	3
IND TEK 210	Mechanical Computer-Assisted Drafting III	3
IND TEK 215	Mechanical Computer-Assisted Drafting IV	3
CERTIFICATE TOTAL UNITS		15

ADVANCED DRAFTING-MECHANICAL

Department Skills Certificate

Department skills certificates will not appear 2 616.345 Tm 8.333 0 Td 0 Td (3)Tj ET EMC /Span <<>>BDC7745Span <<

MACHINE SHOP TECHNOLOGY

Department Skills Certificate

Department skills certificates will not appear on the students' official transcripts.

PROGRAM INFORMATION

Journalism

JOURNALISM

„ Associate of Arts

Latin American Studies

LATIN AMERICAN STUDIES

Associate of Arts Degree

Associate Degree requirements must be completed with a cumulative grade point average of 2.0 (

MEXICAN STUDIES

Department Skills Certificate

Department skills certificates will not appear on the students' official transcripts.

PROGRAM INFORMATION

This certificate provides the student with the basic understanding of contemporary Mexico and its peoples, as well as an understanding of the major historical, cultural, social, political, and economic problems facing the Mexican community.

CERTIFICATE - REQUIRED COURSES		UNITS
SPANISH 4	Intermediate Spanish II or Higher	5
SPANISH 12	Contemporary Mexican Literature	3
SPANISH 16	Mexican Civilization	3
SPANISH 26	Understanding Latin America Through Film	3
SPANISH 65	Mexican Literature and Culture	3
CERTIFICATE - TOTAL UNITS		17

Linguistics

LINGUISTICS

Department Skills Certificate

Department Skills Certificates will not appear on the students' official transcripts.

PROGRAM INFORMATION

This certificate is granted by the Department of Anthropological and Geographical Sciences to students who have completed a program of introductory courses in linguistics.

REQUIRED COURSES		UNITS
Anthro 104	Human Biological Evolution	3
	Or	
Ling 1	Introduction to Language and Linguistics	3
Ling 2	Introduction to Sociolinguistics	3
Ling 3	Introduction to Psycholinguistics	3

Select a minimum of 6 semester units from the following:

Anthro 101	Human Biological Evolution	3
Anthro 102	Human Ways of Life: Cultural Anthropology	3
Anthro 109	Sex, Gender and Culture	3
Anthro 121	Anthropology of Religion, Magic & Witchcraft	3
Anthro 132	Native Peoples of North America	3
Anthro 141	Culture, Illness and Healing	3
English –	any 200 level course	
CERTIFICATE - TOTAL UNITS		15

Mathematics

MATHEMATICS

Associate of Arts Degree

PROGRAM INFORMATION

A student may earn a Mathematics Associate Degree in Arts by satisfactory completion of at least 18 units in mathematics courses listed below, in addition to the Associate Degree Common Requirements. At least 6 of those units must be from Math 263, Math 270, or Math 275.

TRANSFER STUDENTS:

Completing the Associate Degree does not necessarily meet the university-admission requirements for transfer. An Associate Degree is not a requirement for transfer to either the CSU or UC campuses. Private and out-of-state colleges and universities have unique transfer requirements. However, if you would like to transfer to a university and earn an associate degree, early educational planning can make this goal achievable. You should meet with a counselor early in your studies to develop an Educational Plan that fulfills both transfer requirements and associate degree requirements.

See page 44 of this catalog for more information on transfer requirements and resources.

MAJOR REQUIRED COURSES		UNITS
A minimum of six semester units selected from the following:		
MATH 263	Calculus III	5
MATH 270	Linear Algebra	3
MATH 275	Ordinary Differential Equations	3
A minimum of 12 semester units selected from the following:		
MATH 227	Statistics	4
MATH 235	Finite Math	5
MATH 261	Calculus I	5
MATH 262	Calculus II	5
MAJOR - TOTAL UNITS		18 MINIMUM

REQUIRED GENERAL EDUCATION COURSES

Associate Degree requirements must be completed with a cumulative grade point average of 2.0 (C) or better.

Students must complete one of the following General Education Plans:

Plan A: General Studies general education plan	30 units
Plan B: NOT AVAILABLE WITH THIS MAJOR	
Plan C: CSU GE Breadth Certification Plan	39 units
Plan D: IGETC	34-39 units

Learning Outcomes

Upon completion of this degree program, students will be able to:

- Solve linear equations, inequalities, and/or differential equations as appropriate.
- Interpret results in the context of the original problem.
- Interpret the geometric interpretation of solutions to systems of linear equations and linear independence of a set of vectors.
- Validate alternative methods of solution to equations and inequalities whether the problem is given algebraically, graphically, numerically, or verbally.
- Employ technology to assist in computation and graphing.

Portions of completed coursework from this program may be applied toward the attainment of a bachelor's degree in nursing. See a counselor for advice and information on transfer and G.E. certification.

Students must complete all of the following Nursing Program prerequisites prior to entering the program.

The faculty strongly encourages the completion of a Certified Nursing Assistant (CNA) program to enhance learning experiences.

For further information concerning course planning contact the Counseling Department at (818) 719-6440 or the Nursing Department at (818) 719-6477.

REQUIREMENTS FOR ADMISSION

Students must complete all Nursing Program prerequisites with a grade of "C" or better prior to applying to the program. Also, students must be in good academic standing and not be on academic or progress probation.

Eligibility to be considered for the lottery is based upon state guidelines designed to increase the probability of student success. These guidelines reflect:
A cumulative grade point average (GPA) of 2.5 for all college coursework TAKEN OVER ALL AVERAGE OF THE HUMAN ANATOMY AND Physiology and Microbiology prerequisite courses with no grade less than C for EACH COURSE AND SUCH OTHER PREREQUISITE COURSES IN THE COLLEGE level, transferable English, minimum of three (3) semester units with a grade no less than a C.

NURSING PROGRAM PREREQUISITES (LACCD E-10)

The following list represents courses offered throughout the LACCD. Not all course combinations in Anatomy and Physiology are offered on each campus.

Course	Minimum Requirements	District Courses	Units
Chemistry***	4 semester units	Chemistry 51	5
Anatomy	4 semester units with lab And	Anatomy 1 * or Physiology 8*	4
Physiology	4 semester units with lab Or	Physiology 1 * or Physiology 9*	4
Combined Anatomy & Physiology	8 semester units with lab	Biology 20	8
Microbiology	4 semester units	Microbiology 1 or Microbiology 20	5 4
General Psychology	3 semester units	Psychology 1	3
Life-Span Psychology **	3 semester units	Psychology 41	3
College Reading and Composition	3 semester units	English 101	3
MAJOR PREP UNIT TOTAL			26-27

*Student must take Anatomy 1 and Physiology 1, OR Physiology 8 and Physiology 9.

**Nursing programs that did not require a Life Span Psychology course prior to the adoption of this regulation may exempt students from this requirement during the 1998 - 1999 school year.

*** Students who can demonstrate that they successfully completed one year of high school Chemistry (with lab) with a grade of C or better are exempt from this prerequisite.

BIOLOGY 44 and CHEM 51 or PHYSIOL 1 or 8 are the prerequisites for MICRO 1 or 20 at LAPC. Courses meeting the program prerequisite requirements above may be taken at LAPC or at other institutions. To receive credit, course equivalency must be approved through the LAPC Counseling Department.

MATHEMATICS ADMISSION REQUIREMENT (LACCD E-10):

Math 115 Beginning Algebra or higher (5 units). A higher level Mathematics course may be required for graduation from the Nursing Program. See a Pierce counselor for details.

One course in Mathematics, or appropriate placement level is a prerequisite to the program. This prerequisite must be validated in accordance with the provisions of Title 5, California Code of Regulations, section 55201 and The Los Angeles Community College District Policy on Prerequisites, Corequisites and Advisories. The mathematics course or placement level must be a prerequisite to at least one course in the Nursing Program.

APPLICATION PROCEDURE

Upon completion of prerequisite coursework application forms may be obtained at the Department of Nursing office. Applications are accepted once per year from January 15 to March 15.

SELECTION PROCEDURE

Eligible applicants are selected for the program by random lottery and will be notified by mail. Eligibility for random lottery selection is based upon state guidelines designed to increase the probability of student success. These guidelines reflect GPA in overall college courses, all English courses, Anatomy, Physiology and Microbiology. Repetition of Anatomy, Physiology, and Microbiology courses will also be taken into consideration.

MAJOR - REQUIRED COURSES		UNITS
NURSING 400	Adult Health Care I	4
NURSING 402	Pharmacology	1
NURSING 403	Adult Health Care II	5
NURSING 404	Maternal and Newborn Health Care	4
NURSING 405	Psychiatric Health Care	4
NURSING 406	Adult Health Care III	5
NURSING 407	Geriatric Health Care	3
NURSING 408	Psychosocial Aspects of Health Care	1
NURSING 414	Adult Health Care IV	5
NURSING 415	Pediatric Health Care	4
NURSING 441	History, Trends and Issues of Nursing	1
MAJOR- TOTAL UNITS		37

ADDITIONAL GRADUATION REQUIREMENTS

1. General Education - required courses.

Students must complete one of the following General Education Plans:

Plan A: NOT AVAILABLE WITH THIS MAJOR	
*Plan B: Pierce Career and Technical GE plan	18 units
Plan C: CSU GE Breadth Certification Plan	39 units
Plan D: IGETC	34-39 units

*Nursing students who follow Plan B are exempt from AREA E1

2. Reading & Written Expression and Math Competency - Students will meet the Reading & Written Expression competency requirement by complet

CERTIFICATE - REQUIRED COURSES		UNITS
JOURNAL 100	Social Values in Mass Communication	3
JOURNAL 101	Collecting and Writing News	3
PHOTO 10	Beginning Photography	3
PHOTO 20	Beginning Photojournalism	4
Select a minimum of one course from the following:		3-4
PHOTO 11	Advanced Photography (4 units)	
PHOTO 17	Introduction to Color Photography (3 units)	
PHOTO 21	News Photography (4 units)	
CERTIFICATE TOTAL UNITS		16-17

Political Science

POLITICAL SCIENCE

Associate of Arts Degree

Associate Degree requirements must be completed with a cumulative grade point average of 2.00 or better.

TRANSFER STUDENTS:

Completing the Associate Degree does not necessarily meet the university-admission requirements for transfer. An Associate Degree is not a requirement for transfer to either the CSU or UC campuses. Private and out-of-state colleges and universities have unique transfer requirements. However, if you would like to transfer to a university and earn an associate degree, early educational planning can make this goal achievable. You should meet with a counselor early in your studies to develop an Educational Plan that fulfills both transfer requirements and associate degree requirements.

See page 44 of this catalog for more information on transfer requirements and resources.

MAJOR REQUIRED COURSES		UNITS
POL SCI 1	The Government<<>>BDC /Span_3 1 Tf 7.2 0 0 8 90 325.9178 Tm [(QCOURSES)niET EMC BTf 9 0 0 rnme0 0 rnms 1 Tf 7.2 0 0 8 90 325.9178 Tm 3.843 0 T	

Sign Language

SIGN LANGUAGE

See American Sign Language

Spanish

SPANISH

Associate of Arts Degree

Associate Degree requirements must be completed with a cumulative grade point average of 2.00 or better.

PROGRAM INFORMATION

The main objectives of the program in Spanish are to develop competence in the ability to understand, speak, read, and write Spanish, and to provide through the knowledge of Spanish an understanding and appreciation of the language and culture.

Students are placed in Spanish courses according to their years of previous study. In general, one year of high school Spanish is equated to one semester of Pierce College work. Thus recent high school graduates with one, two, three, or four years of high school Spanish will enroll in Spanish 2, 3, 4, or 5 respectively. Exceptions to this basic placement formula may be made after consultation with the Spanish Faculty. Proficient native speakers should enroll in Spanish 4, 5, or 6.

All courses in Spanish, unless specifically stated, are taught in the foreign language. By the end of the first year, students attain mastery of the basic structure of the language and ability to converse on everyda(Spanish 0udents 1cattain)with coursesa

Theater Arts

THEATER ARTS

Associate of Arts Degree

Associate Degree requirements must be completed with a cumulative grade point average of 2.00 or better.

PROGRAM INFORMATION

This program is designed to meet the requirements of the Associate in Arts

MAJOR - REQUIRED COURSES

100
2 0
00
1
42 2
4 0 2

Select a minimum of one course (2 semester units) from the following: 2-

101
10
42
411

Major Codes

Certificates of Achievement

Major Code	Title
130540	Preschool Teacher
070710	Programming for Business
070710	Programming for Computer Science
051100	Real Estate
050650	Retail Management (AFC)
130516	School Age Programs Teacher, Day Care (Cert D)
490110	Transfer CSU GE Breadth
490111	Transfer IGETC
079907	Web Development and Administration
079906	Web Document Design and Development
070900	Web Site Construction & Maintenance
061430	Website Development, Programming and Scripting
095650	Welding
051402	Word Processing, Basic-Microsoft Word for Windows
051403	Word Processing, Basic-WordPerfect

Skills Certificates

Major Code	Title
050203	Accounting: Payroll Accounting
050204	Accounting: Small Business
095301	Advanced Drafting-Mech.
095651	Advanced Welding
095300	Basic Drafting Mechanical Program
095650	Basic Welding Program
050101	Business - General
06100	Cinema
095631	CNC Operator
095632	CNC Programming
150601	Communication Studies
493081	English As A Second Language
050401	Finance
010901	Gardening - Basic
079901	Geographic Information Systems (GIS)
110510	Hispanic Studies Major
220211	Latin American Studies
095630	Machine Shop Technology
050601	Management
050602	Management: Small Business Entrepreneur
170101	Mathematics
220212	Mexican Studies
070103	Personal Computer Applications Specialist
070104	Personal Computer Programming Specialist
060202	Photojournalism
079902	Routing Technology
000300	Undecided
100810	Visual and Performing Arts Through Dance
220101	Women's Studies

Educational Goals:

1. Prepare for a new career (acquire new job skills)
2. Advance in current job/career (update job skills)
3. Discover/develop career interests, plans and goals
4. Obtain a two-year vocational degree without transfer
5. Obtain a two-year Associate's degree without transfer
6. Obtain a vocational certificate without transfer
7. Obtain a Bachelor's degree after completing an Associate's degree
8. Obtain a Bachelor's degree without completing an Associate's degree
9. Maintain certificate or license (e.g.,Nursing, Real Estate)
10. Improve basic skills in English, reading or math
11. Complete credits for high school diploma or GED
12. Personal development (intellectual, cultural)
13. Undecided on goal

Course Descriptions

2011-2012

How to Read the Case Decision

Accounting

1 In d-c Acc -n ing I (5) UC:CSU

Introduces the fundamental principles and concepts of accounting as a basis for financial communication in business. This includes the procedures in maintaining records of business transactions and the preparation of financial statements for the sole proprietorship in a service and merchandising firm. Problems in control, deferrals and accruals, inventory, plant assets and accounts receivable, accounts payable and payroll are included.

2 In d-c Acc -n ing II (5) UC:CSU

Continues the introductory phase of accounting. Topics covered include: Corporations, Partnerships, Income Tax, Bonds, Cash Flow, Statement Analysis, Managerial Accounting, Process Cost Systems, Cost Behavior, Budgeting, Performance Evaluation, Product Pricing, Capital Investment Analysis.

15 Ta Acc -n ing I (3) CSU

This course covers tax laws, accounting procedures, and preparation of individual Federal income tax returns.

17 Pa ll Acc -n ing (2)

Methods and procedures in accounting for payroll. Preparation of federal and state payroll tax returns. Includes social security benefits and state and federal laws relating to payment of wages and salary.

911-941 C e a i e W k E ience Ed-ca i n (1-4) CSU

Accounting - Computerized

6 C m e A ica i n and Office Techn l gie

Addiction Studies

1 Unde anding Addic i n and C -n eling (3)

Overview of community prevention, education, outreach and referral. A study of the nature of alcoholism/chemical dependency, including intervention, treatment and recovery and counseling chemically dependent persons.

2 D -g In Pe ec i e (3)

Pharmacology and physiology of alcohol and other drugs. The fundamental principles of the action of alcohol and other drugs. Pharmacological and physiological implications of tolerance, habituation, and excessive consumption of alcohol and other drugs. The psychophysical, cultural, and social implications will be presented.

4 Addic i n C -n el T aining (3)

Participants will be trained in the listening and responding skills, learning to apply eight basic communication skills in one-on-one interactions with clients/patients, as well as learning counseling skills in the areas of empathy, values, and attitude exploration, and problem solving, with distinct applications to chemical dependency.

5 G - Skill F Addic i n C -n el (3)

A course to train participants in the skills and principles fundamental to facilitating a group, including group process, establishing goals, curative factors, starting a counseling group, observing a group, and making interventions, with special emphasis upon chemical dependency-specific issues in a group setting.

7 Addic i n T ea men And Rec e (3)

Intervention, treatment and recovery, including assessment, case management, orientation, treatment planning, relapse prevention, and after care planning. The therapeutic dynamics of Alcoholics Anonymous are compared to a number of different schools of psychology and programs of transformation, growth and development.

9 Field W k F Addic i n Pe nnel (3)

Supervised practicum, internship. Participants must be already knowledgeable about chemical dependency. An opportunity to document at least 160 hours working at an agency or in some situation directly in the field of chemical dependency, in addition to the classroom hours. Those seeking CAADAC certification will want to document a minimum of 255 fieldwork hours in addition to the 45 semester hours during the semester.

10 Addic i n And The Famil (3)

A course on chemical dependency as a family disease, to include many theoretical and practical issues including: assessment, treatment, and recovery of the chemically dependent family, interventions, family counseling, family systems and theory, domestic violence, children of alcoholics, et al.

11 D inking D i e P g am Pe nnel T aining (3)

[illegible]

This course will provide present and prospective employees of Drinking Driver Programs with identified specific knowledge and skills necessary to function effectively and efficiently in a drinking driver program.

13 Addic i e Di ea e & Life le Di de (3)

[illegible]

Examines the pathology and nature of, and the intervention, treatment, and recovery processes involved in, a wide range of addictive diseases and lifestyle disorders: chemical dependency, including nicotine; sexual addiction; gambling addiction; eating disorders (including anorexia and bulimia); compulsive spending; workaholism and type "A" behavior; violence addiction battering, child abuse, and incest, including forms of state sanctioned violence.

14 Addic i n 35 5 766-25(8)Tj H-ie Of Ie-el n Dene (3) men 8 n2(D -g5(n2(E59 Tm( )Tj A-25(n2(P

[illegible]

Focuses on developmental stages of body, mind, emotion, spirit (values 8

Administration of Justice
(Criminal Justice)

1 In d-c i n Admini a i n f J- ice (3) UC:CSU

Philosophy, history, and theories of the criminal justice system, including the origins and evolution of criminal law and due process, the roles and functions of the local, state, and federal jurisdictions, and the interrelationships among criminal justice agencies: law enforcement, courts, and corrections; crime causation, analysis and the social impact of crime. The conceptual approach utilized in this course recognizes that criminal justice is itself a distinct academic discipline rather than an interdisciplinary course of study.

2 C nce f C iminal La (3) UC:CSU

An introduction to the historical development, philosophy, and basic legal concepts of criminal law. The course includes an examination of constitutional provisions, legal research, legal analysis, and the functioning of criminal law as a social force. It also includes a detailed examination of legal definitions, classifications of law, penalties, corpus delecti, criminal intent, parties to a crime, defenses to crime, and a brief introduction to laws of arrest and judicial procedure.

3 Legal A ec f E idence (3) CSU

Origin, development, philosophy and constitutional basis of evidence, constitutional procedural considerations affecting arrest, search and seizure; kinds of and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies.

4 P inci e and P ced- e f he J- ice S em (3) UC:CSU

A detailed study of the role and responsibilities of the American court system and its purpose; an examination of the philosophy, history, structure, operation, concepts and services related to the judiciary; a study of case law methodology and case research and their impact on society; an examination of the legal process from pre-arrest through trial, sentencing options and correctional procedures.

5 C iminal In e iga i n (3) CSU

Fundamentals of the theories, concepts, and methodology of criminal investigation. This course will look at the investigative procedures from the crime scene to the courtroom, inclusive of legal constraints, ethics, and types of evidence; techniques and procedures for basic interview and interrogation procedures; identification of proper crime scene management, follow-up, case preparation and organization.

8 J- enile P ced- e (3) CSU

This course covers the juvenile justice system and related juvenile justice issues. Topics include an overview of the juvenile justice system, treatment and prevention programs, history, theories, methodology, and special areas and laws unique to juveniles.

49 Na c ic and Vice C n l (3) CSU

The interrelations of organized crime to the community; the impact of covert criminal activities upon the social structure; theories of crime causation explored; symptoms of organized crime activity; narcotics and white collar crime; political influences in the legal system; management of crime control units. Book making and prostitution are also discussed.

67 C mm-ni Rela i n and Di e i (3) UC:CSU

Examination of the complex relationship between the community and the justice system with emphasis on the challenges of dealing with the role of race, ethnicity, gender relations, sexual orientation, social class, language, and culture in shaping these relations.

75 In d-c i n C ec i n (3) CSU

This course is designed to provide the student with an overview of the historical development, current concepts and practice, and explanations of criminal behavior; functions and objectives of the criminal justice system concerned with institutionalization and trends of adult and juvenile corrections, including probation and parole. It will focus on the legal issues, specific laws, and general operation of correctional institutions. The relationship between corrections and other components of the judicial system will also be examined.

160 P lice O gani a i n and Admini a i n (3) CSU

This course was determined to be a lower division requirement for the Criminal Justice major at CSULA. The target population will be students who are seeking transfer to a four-year university and seeking careers in the field of criminal justice. Topics will include the effect of the organizational structure and administrative procedure on the implementation of law enforcement functions; history, theories, and m(imEMC /Spanh8olj2s5(coRr5(3 lsctions l5es;)-25(history,)-25(theories,)-25(and)]T

383 A lica i n in C ime Anal i (3) CSU

This course will introduce students to the functions of a crime analyst within the criminal justice system, including using quantitative methods and the five-step data analysis process to forecast future crime occurrences. The students, through the use of tactical, strategic and administrative analysis, will identify and differentiate between crime patterns, series and trends, as well as learn to communicate the findings to law enforcement personnel.

185 Di ec ed S -d Admini a i n f J- ice (1) CSU

285 Di ec ed S -d Admini a i n f J- ice (2) CSU

385 Di ec ed S -d Admini a i n f J- ice (3) CSU

911-941
C e a i e W k E e ience Ed-ca i n
Admini a i n f J- ice (1-4)

Agriculture

AGRICULTURE c - e a e li ed -nde ANIMAL SCIENCE, and PLANT SCIENCE, and -bjec ma e i gani ed a f ll :

Animal Science

Agriculture-General	Animal Science 100-199
Veterinary Technology (RVT)	Animal Science 400-499
Animal Science	Animal Science 500-599
Horse Science	Animal Science 600-679

Plan Science

Agriculture-General	Plant Science 100-199
Horticulture and Landscaping	Plant Science 700-899
Natural Resource Management	Plant Science 900-999

911, 921, 971, 981
C e a i e W k E e ience Ed-ca i n - Ag ic-l - e (1-4) CSU

American Sign Language

1 Ame ican Sign Lang-age I (4) UC:CSU

Develops basic vocabulary and grammar of American Sign Language. Emphasis is placed on comprehension skills. Incorporates vital aspects of the Deaf culture and community. [Overview of topics include: pronouns, colors, interrogatives, negations, school, people, homes, family relationships, work, life events, daily activities, transportation, time/calendar, numbers, fingerspelling, opposites, food, places, sports, feelings/opinions. Functional/notional discourse behaviors are developed, including: conversational openers, greeting, identifying, introducing, asking/requesting, responding, comparing/contrasting.]

2 Ame ican Sign Lang-age II (4) UC:CSU

Completes the study of elementary vocabulary and grammar. Increased development of inflectional and non-manual behavior patterns. Incorporation of selected aspects of Deaf culture and community within receptive and expressive conversations. [Overview of topics include: grammatical features, such as, syntax, pronominalization, verb aspect/modulation, tense, number incorporation, adverbials, adjectivals, topicalization, spatialization; interactive behaviors, such as, requests, turn-taking, making suggestions, giving feedback, interrupting; and cultural topics, such as, myths, social and political organizations, signaling devices, and technology within the Deaf community.]

3 Ame ican Sign Lang-age III (4) UC:CSU

101

505 Animal N- i i n (3) CSU

Students will study the constituents of feed (carbohydrates, proteins, fats, minerals, vitamins and 10 T ;4 1 Tf8 0 -18 15oteins,

137 A chi ec - al Hi I: P ehi he Middle Age (3) UC:CSU

Covers the history of architecture from prehistory to the Middle Ages. Stresses development of typology as well as an examination of the influence of social cultural, religious, political, and economic conditions that influenced changes in form and style.

138 A chi ec - al Hi II: La e Middle Age M de n (3) UC:CSU

Covers the history of architecture from the late Middle Ages to the Modern period. Focuses on changing types, as well as on technological advancements in building materials. Literary movements as well as social, economic, religious, and political influences will be stressed.

139 A chi ec - al Hi III: M de n A chi ec - e (3) UC:CSU

Covers the modern period of architecture, examining the changing range of architectural types, the impact of technology, the influence of Bauhaus, the theoretical schools, and the sociopolitical impact on the look of buildings.

201 D a ing I (3) UC:CSU

Involves a variety of media, emphasizing visual perception, critical analysis, art fundamentals, and cultural history of drawing.

202 D a ing II (3) UC:CSU

Extends the experiences of basic drawing with special emphasis upon pictorial organization. Stresses historical cultural evolution of drawing.

203 D a ing III (3) UC:CSU

Extends the experiences of basic drawing with special emphasis in various color media. Stresses individual artistic development.

204 Life D a ing I (3) UC:CSU

Studies construction of and composition with the human figure. Stresses critical analysis of the use of the figure in historical context.

205 Life D a ing II (3) UC:CSU

Continuation of Life Drawing I, emphasizing figure construction and composition applying a variety of media and concepts.

206 Life D a ing III (3) UC:CSU

Continuation of figure construction and composition applying a variety of media concepts.

207 Life D a ing IV (3) UC:CSU

Continuation of figure construction and composition applying a variety of tools and techniques. Independent projects are stressed.

209 Pe ec i e D a ing I (3) UC:CSU

Develops the understanding and manual skills necessary in the making of drawings which accurately represent three-dimensional forms in one-, two- and three-point perspective, with multiple secondary vanishing points.

300 In d-c i n Pain ing (3) UC:CSU

Cultural awareness and historic foundations are integrated with classroom explorations of the potentials of painting. Through class assignments students develop a variety of painting techniques and a greater understanding of the medium.

301 Wa e c l Pain ing I (3) UC:CSU

Offers experience in a variety of techniques. Emphasis on cultural history and criticism in the field of watercolor painting.

302 Wa e c l Pain ing II (3) UC:CSU

Continuation of Watercolor I. Emphasis on composition through perceptual and conceptual approaches. Theory, history, and criticism in field of watercolor painting.

304 Ac lic Pain ing I (3) UC:CSU

Continuation of Art 300.

305 Ac lic Pain ing II (3) UC:CSU

Continuation of Art 304.

306 Ac lic Pain ing III (3) UC:CSU

Continuation of Art 305.

307 Oil Pain ing I (3) UC:CSU

Stresses skills and techniques in the medium. Both traditional and contemporary approaches to ideas and materials are explored as a means of developing personal and/or professional expression.

308 Oil Pain ing II (3) UC:CSU

In this course, students will expand skills and techniques in oil painting. Emphasis will be on composition and color exploration in the service of communicating individual ideas.

309 Oil Pain ing III (3) UC:CSU

This course furthers the student's expertise in oil painting. The student develops an individual approach to technique and the creative expression of a personal vision. Research into contemporary and/or historical movements in art is expected to inform the student's work.

400 In d-c i n P in making (3) CSU

This fine art studio course introduces the student to historical, technical and creative processes of basic printmaking.

501 Beginning T -Dimen i nal De ign (3) UC:CSU

Introduces the elements and principles of two-dimensional design common to the visual arts. Integrates the theory of design with historical and cultural foundations. Applies basic design techniques to problems in visual perception and critical analysis.

703 Sc-l[illegible]e III (3) UC:CSU

[illegible]

Continuation of Art 702.

708 In d-c i n Ce amic (3) UC:CSU

[illegible]

Presents basic ceramic design and construction techniques including wheel forming, handbuilding, surface enrichment, glazing, and firing. Emphasis on design and craftsmanship. Surveys the historical significance of ceramic art.

709 Ce amic I (3) UC:CSU

[illegible]

Continuation of introduction to ceramics with increasing emphasis on wheel forming, glaze formulation, and kiln management. Stresses further the concepts of design.

710 Ce amic II (3) UC:CSU

[illegible]

Continuation of Art 709 with an increased emphasis on individually planned projects as well as assigned work.

711 Ce amic III (3) UC:CSU

[illegible]

Continuation of Art 710 with an increased emphasis on individually planned projects.

185 Di ec ed S -d - A H n (1) CSU - RPT 2

285 Di ec ed S -d - A H n (2) CSU

385 Di ec ed S -d - A H n (3) CSU

[illegible]

Allows students to pursue Directed Study in Art on a contract basis under the direction of a supervising instructor.

911-941
C [illegible]e a i e W k E [illegible]e ience Ed-ca i n - A (1-4) CSU

[illegible]

Astronomy

1 Elemen a A n m (3) UC:CSU

[illegible]

Surveys the material contents and workings of the universe at an introductory level designed to satisfy the general education science requirement, primarily for non-science majors. Emphasizes the physical principles essential to fundamental understanding in astronomy. Discusses philosophical and historical foundations, the tools of the astronomer, the solar system, stars and stellar evolution, galaxies and deep space, cosmology, and extraterrestrial life.

Business

1 In d-c i n B- ine (3) UC:CSU

Designed to introduce or review the basic areas of business. This is a survey course. Topics covered include: Accounting, International Business, Finance, Marketing, Management, Business Law, Business Organization, and Careers.

5 B- ine La l (3) UC:CSU

This course includes an overview of Law and Society and specifically stresses the Court System, the Law of Contracts, Torts, Negligence, Crimes, Personal Property and Bailments, and Real Property.

10 F-ndamen al f Ta Re - n P e/a a i n (3) - RPT 3

Introduces the fundamentals of Federal and California income tax procedures. This class is associated with the Voluntary Income Tax Preparation program (VITA) that allows students to practice preparing tax returns for residents in the community.

185 Di ec ed S -d - B- ine (1) CSU - RPT 2

285 Di ec ed S -d - B- ine (2) CSU

385 Di ec ed S -d - B- ine (3) CSU

Allows students to pursue Directed Study in Business on a contract basis under the direction of a supervising instructor.

911-941 C /e a i e W k E /e ience Ed-ca i n - B- ine (1-4) CSU

Business Communications

[illegible] **C m/-e A/lica i n and Office Techn l gie**

Business Computer Applications

[illegible] **C m/-e A/lica i n and Office Techn l gie**

Business English

[illegible] **C m/-e A/lica i n and Office Techn l gie**

Chemistry

[illegible]

34 EPA M h d f En i nmen al Anal i (4)

This course is designed to teach sample collection and preparation of geological, water and atmospheric samples. Students will analyze environmental samples for specific pollutants utilizing specialized instrumental techniques and will follow proper data handling and analysis protocols. Regulatory requirements, such as the Environmental Protection Agency (EPA) are introduced as the basis for sampling and analysis techniques

51 F-ndamen al f Chemi l (5) CSU

[illegible]

Chicano Studies

2 The Me ican-Ame ican in C n em a S cie (3) UC:CSU

Students examine current U.S. cultural and social issues relevant to the Chicano Community, advances in political organization and efficacy, and social problems remaining unresolved in Chicano communities in the United States with an emphasis on California and the Southwestern United States.

80 Chican P li ic (3) UC:CSU

Examines U.S. history and political issues relevant to the Mexican-American Community, the strategies of Latino political activism in the United States, and social change movements, issue, and problems that are relevant to the Hispanic Community.

Child Development

1 Child G h and De el men (3) UC:CSU

An introductory Child Development course which covers the theory of human development focusing on growth from conception through adolescence. The physical, cognitive, and social-emotional domains, and ways in which biological and diverse environments influence growth, will be studied. Students identify typical and atypical development and apply strategies to promote healthy child development in their personal and professional lives.

2 Ea l Childh d: P inci le and P ac ice (3) CSU

A survey of Early Childhood Programs including philosophies and components of a quality program. Developmentally appropriate practices will be discussed in depth. The role of the teacher will be emphasized in relation to attitudes, goals, values and the total development of the child.

3 C ea i e E e ience f Child en I (3) CSU

The creative approach to program planning in areas of art, dramatic play, blocks, music and movement will be explored. Emphasis will be on the development of creative teaching strategies and the values of these curriculum areas.

4 C ea i e E e ience f Child en II (3) CSU

The creative approach to program planning in language arts, mathematics, social studies, science, perceptual motor and cooking will be explored. Emphasis will be on methods of presentation, values and evaluation of the child's experience.

10 Child Heal h (3) CSU

This course will take an in depth look at the health, safety, and nutrition standards as they relate to young children, their families and the community. This class will be taught from the teacher's perspective, and focus specifically on important issues pertaining to the young child. First Aid and CPR certificates will be earned.

11 H me, Sch l and C mm-ni Rela i n (3) CSU

This course focuses on the processes and results of the child's integration into the social world of home, school, and community. Emphasis is on socialization as a reciprocal and interactive process in which individuals are shaped by cultural forces, relationships, and experiences, while at the same time they influence their own culture, relationships, and experiences. It includes child behavior and development along with understanding cultural and developmental diversity in society and their impact on teaching, parenting, and family relations.

22 P ac ic-m In Child De el men I (4) CSU

Supervised practicum experience in an early childhood setting. The student will relate all previous theory courses to the practical application in the classroom. Students are assigned to a practicum site under the supervision of a CECMP Mentor Teacher or a master teacher to reinforce theory and to develop teaching techniques by working directly with children and staff.

23 P ac ic-m In Child De el men II (4) CSU

This is the second semester of supervised practicum teaching experience to be done in a different setting than the first semester. This course provides advanced practical application of theories covered in prerequisite courses.

30 Infan and T ddle S -die I (3) CSU

Students learn the cognitive/language, social/emotional and perceptual/motor developmental domains and milestones of infants from birth to 36 months. As well as, an overview of major theories including attachment,ision of a CECM

67 Mic f O- l k f he Office (1) - RPT 2

Covers the use of Microsoft Outlook 2010 in the business setting.
Include04 -2.497ttindInccontacts2.497tand2.497tmail.2.497tProvi4 -2.497tinstruction25(in)-25(theness)2.497t) -utlook Inc t7ttchedulInc(2-utlook 3-utlook

541

Criminal Justice

Admini a i n f J- ice

Dance

812 C- en Dance E en (1) CSU

Enriches the student's dance, movement and related art experiences through opportunities to observe and participate in a wide variety of dance experiences. Consists of demonstrations by faculty; students, and guest artists. Offers previews of current concerts, symposia, and workshops with opportunities to attend and critically analyze these events. Emphasis will include an increased awareness and a greater understanding of the self and individual's response to his environment.

185 Di ec ed S -d - Dance (1) CSU - RPT 2

285 Di ec ed S -d - Dance (2) CSU

Allows students to pursue Directed Study in Dance under the direction of a supervising instructor.

385 Di ec ed S -d - Dance (3) CSU

Drafting - Mechanical

Ind- ial Techn l g - Enginee ing De ign and Techn l g

Economics

1 P inci/1e f Ec n mic I (3) UC:CSU

d

Principles of economic analysis and decision-making from the viewpoint of the individual consumer, worker, and firm. Emphasis is on the price system allocation of resources and income, supply and demand analysis, the structure of industry, and the application of economic principles to current policies and social problems. Required subject coverage highlights the global economy and includes fundamentals of markets, comparative advantage and international trade, elasticity of demand and supply, the effects of taxes and price controls on market outcomes, factor markets, production costs, market structures, game theory, market failure, and public goods.

2 P inci/1e f Ec n mic II (3) UC:CSU

d

Principles of economics focusing on aggregate economic analysis. Topics include the market system of resource allocation, measurement of GDP, the problems of unemployment and inflation, stabilization policy, and macroeconomic controversies. Required subject coverage emphasizes the global economy and includes fundamentals of markets, national income accounting and macroequilibrium, economic growth and business cycles, fiscal and monetary policies, money and financial institutions, international trade and finance.

10 Ec n mic Hi f he Uni ed S a e (3) UC:CSU

d

Students study the causes of growth in the American economy and how

211 Fic i n (3) UC:CSU - RPT 1

Emphasizes selected great novels and short stories from French, German, Russian, English, American, and Spanish literature.

215 Shake ea e I (3) UC:CSU

Students are introduced to the life and works of William Shakespeare, with emphasis on Shakespeare's milieu. Emphasizes detailed study of several history plays, and earlier comedies.

216 Shake ea e II (3) UC:CSU

Introduces the life and works of William Shakespeare, with emphasis on Shakespeare's milieu. Emphasizes detailed study of Shakespeare's later works, especially the major tragedies.

218 Child en' Li e a e (3) CSU

In this course, students study a selection of classic and contemporary literature suitable for children of many age levels, preschool through high school (and beyond), new readers and English language learners. Emphasis will be placed on storytelling, acquaintance with authors, and the development in children of desirable attitudes toward literature. Recommended for prospective nursery, kindergarten, elementary, and secondary teachers, parents of developing readers, literacy providers, literature consultants, librarians, and anyone who wants a foundation in what's great about English language literature or who wants to know how to select wonderful books for readers of all ages

219 Li e a e f Ame ican E hnic G (3) UC:CSU

A survey of the literature of American ethnic writers: stories, novels, plays, poems, essays, and other non-fiction prose works. Works are examined in

15 Ph ical Ge g a h Lab a (2) UC:CSU

2 In d-c i n We e n Ci ili i n II (3) UC:CSU

d

911-941
C /e a i e W k E /e ience Ed-ca i n-

362 Ine Ga A c Welding II (3)

Provides the student with the intermediate level theory and techniques required for successful gas tungsten arc welding of ferrous and nonferrous metals. Reviews basic safety and equipment information then explores the gas metal and flux cored arc welding processes.

461 Ad anced A c Welding I (3)

Gives the advanced student the training required to prepare for "Certification" in the Shielded Metal Arc Welding (SMAW) of structural steel. Lecture and practice concentrates on building codes, fabrication techniques, and testing.

462 Ad anced A c Welding II (3)

Provides the advanced student the skill needed to prepare for "Certification" in the Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) of structural steel. Discussion and application concentrates on construction regulations, weldment generation, and inspection.

911-941 C e a i e W k E e ience Ed-ca i n - Ind- ial Techn l g (1-4)

Insurance

101 P inci e f P e and Liabili In - ance (3)

This course presents basic information concerning various aspects of Property and Liability Insurance. First segment of the course covers fundamentals of insurance including: types of insurers, institutions that provide insurance, regulations, and measurements of financial performance. Second segment includes insurance operations, such as marketing, underwriting, and claims. Final segment covers insurance contracts, loss exposure, and risk management.

102 Pe nal In - ance (3)

This course presents basic information regarding personal insurance. The course covers automobile insurance; homeowners insurance; other residential insurance, such as fire and earthquake insurance; marine insurance; other personal property and liability insurance; financial planning; life insurance; and health insurance. This course contains valuable personal insurance information for anyone who does not possess the knowledge of how to handle his/her personal insurance needs.

103 C mme cial In - ance (3)

This course presents basic information regarding the whole area of Commercial Insurance. Covers information concerning commercial property insurance, business income insurance, commercial crime insurance, equipment breakdown insurance, inland and ocean marine insurance, commercial general liability insurance, commercial automobile insurance, business owner's policies and farm insurance, workers compensation and employers liability insurance, and other miscellaneous insurance.

International Business

1 In e na i nal T ade (3) CSU

This course gives a comprehensive overview of international business including basic trade theory, international marketing, export/import financing, the foreign currency markets, the operation and management of multinational firms, and the cultural aspects of global trade. It emphasizes the practical application of basic international trade topics.

6 In e na i nal Ma ke ing I (3) CSU

This course presents the challenges of marketing consumer and industrial products in the global marketplace and the most effective approaches to these challenges. It explores the top potential exports for different countries and the most promising markets through the use of current market data and actual case studies of international marketing companies.

18 Ba ic f E ing (1)

This course is designed to provide the student with the basic information needed for an understanding of the export process. The course reviews the most important U.S. Government export regulations and gives the student an overview of export documentation and terminology.

19 Ba ic f Im ing (1)

This course is designed to give the student a solid understanding of the import process, including import documentation, and U.S. Government customs regulations. The course guides the student through the process of creating a basic import business plan.

22 In e na i nal Managemen (3)

An introduction to international management principles with an overview of global and multinational organizations. This course covers the issues of international human resource, operational topics, marketing decisions, strategic planning, and cross-cultural issues.

Italian

1 Elemen a I alian I (5) UC:CSU

Introduces the fundamentals of pronunciation and grammar, practical vocabulary and useful phrases. Emphasizes the ability to understand, speak, read and write in simple Italian. Exposes the student to the culture of Italy. English is used whenever it is necessary to explain difficult grammatical concept. Otherwise the class is conducted in Italian. It corresponds to the first year of High School Italian.

27 C-l - al A a ene Th -gh Ad anced C n e a i n (3) UC:CSU

Stresses the usage of Japanese language skills that have been acquired through prior coerces for authentic communication purposes. Explores the modern lives and customs of Japanese people and prepares for real encounters with Japanese culture. Includes intercultural comparisons between American culture and Japanese culture.

185 Di ec ed S -d - Ja ane e (1) CSU RPT 3

285 Di ec ed S -d - Ja ane e (2) CSU

385 Di ec ed S -d - Ja ane e (3) CSU

Allows students to pursue Directed Study in Japanese on a contract basis under the direction of a supervising instructor.

Journalism

100 S cial Val-e in Ma C mm-nica i n (3) UC:CSU

A general interest survey and evaluation of the mass media in economic, historical, political, psychological and social terms. Focus is to help the media consumer better understand today's mass communications: newspapers, radio, television, motion pictures, magazines, advertising and public relations. Course content discusses relationships, ethics, rights and responsibilities of media in today's society.

101 C llec ing and W i ing Ne (3) CSU

Stresses instruction and practice in news gathering with particular emphasis on documentation, research and news writing. Adherence to professional writing style; legal and ethical aspects of the profession are included. Required of all journalism majors.

108 A icle W i ing (3) CSU

Offers instruction in the writing of material for a magazine, including articles, editorials and reviews suitable for publication; includes practice in editing and the use of illustrative materials.

202 Ad anced Ne i ing (3) CSU

Provides the student with principles and practice in writing specialized types of newspaper and online stories and increases mastery of fundamental reporting techniques. Interpretative writing skills, editorial writing, and feature writing are included. Required of all journalism majors.

217 P-blica i n Lab a (2) CSU RPT 3

Stresses constructive criticism of students in writing style and news evaluation. Publication production plans are developed. The instruction is directed by newspaper, advisor and staff members.

218 P ac ical Edi ing (3) CSU RPT 3

Provides practical instruction and practice in writing, editing and other preparation required to produce the campus newspaper. Print and online editions are evaluated and critiqued in regularly scheduled student staff meetings.

219 Techni e f S aff Edi (1) CSU RPT 2

Offers instruction for campus newspaper editors in editorial writing and analysis of editorial problems. Emphasis is placed on formulating editorial policy.

220 Maga ine Edi ing (3) CSU - RPT 3

Presents the theory of writing and editing a magazine. Artistic design, principles of composition and unity, and creativity in layout are stressed. Writing and editing of copy, designing pages, selecting photographs and other illustrations and design materials, preparing them for production; arranging production schedules; and other aspects of publishing are included.

221 Ne Ph g a h (4) CSU RPT 3

Gives practical experience in the taking and processing of news and feature pictures, emphasizing the use of cameras normally employed in photojournalism. Affords students the opportunity to take, develop, and print pictures for the college newspaper and magazine.

251 Vi -al C mm-nica i n in Ma Media (3) UC:CSU

115 Elemen a Algeb a (5)

Math 115 includes operations with algebraic expressions, solution of linear equations and inequalities, systems of linear equations, quadratic equations, graphs of lines and simple parabolas. No credit is given for students who have completed Mathematics 116.

117 Elemen a Algeb a Pa 1 (5)

This course covers the first half of Math 115. It includes operations with algebraic expressions, solution of linear equations and inequalities, graphs of lines, systems of linear equations, and exponents and roots. No credit given for students who have completed Mathematics 115 or 116.

118 Elemen a Algeb a Pa 2 (5)

This course covers the second half of Math 115. It includes quadratic equations, polynomials and factoring, algebraic fractions, scientific notation, and working with radicals. No credit given for students who have completed Mathematics 115 or 116.

120 Plane Ge me (5)

Math 115 includes operations with algebraic expressions, solution of linear equations and inequalities, systems of linear equations, quadratic equations, graphs of lines and simple parabolas. No credit is given for students who have completed Mathematics 116.

125 In e media e Algeb a (5)

Math 125 includes linear equations and inequalities, systems of linear equations and Gaussian elimination, quadratic equations, polynomials and rational expressions, exponents and radicals. Math 125 includes functions and their graphs, including linear, quadratic and exponential functions; logarithms, polynomials and algebraic fractions. Math 125 includes modeling and problem solving, sequences, conic sections, and complex numbers.

215 P inci le f Ma hema ic I (3) UC:CSU

Math 215 includes problem solving, functions, systems of numeration and number concepts; whole numbers, integers, rational and real numbers, together with their algorithms; use of manipulatives; techniques/strategies employed by children to accomplish arithmetic tasks. Math 215 is intended for prospective elementary or junior high school teachers.

227 S a i ic (4) UC:CSU

Math 227 discusses averages, variability, graphical techniques, probability, hypothesis testing, sampling, estimation, correlation, prediction, and linear regression. The emphasis of Math 227 is on the collection and analysis of data and how inferences about a population are made from a sample.

228A S a i ic Pa h a Pa I (5)

Students study averages, variability, graphical techniques, probability, sampling, estimation, and linear regression. Emphasis is on the collection and analysis of data. Algebraic skills and techniques are integrated into the presentation of statistical methods; these include numeracy (calculation with rational numbers, signed numbers, and percents, estimating and rounding, converting units), proportional reasoning, writing and evaluating algebraic expressions, solving equations and inequalities, modeling situations with functions (evaluating and interpreting function values, representing functions graphically and algebraically, recognizing families of functions), with particular attention to linear and exponential functions.

228B S a i ic Pa h a Pa II (5) CSU

Students study averages, variability, graphical techniques, probability, hypothesis testing, sampling, estimation, correlation, prediction, and linear regression. Emphasis is on the collection and analysis of data and how inferences about a population are made from a sample. Algebraic skills and techniques are integrated into the presentation of statistical methods; these include numeracy (calculation with rational numbers, signed numbers, and percents, estimating and rounding, converting units), proportional reasoning, writing and evaluating algebraic expressions, solving equations and inequalities, modeling situations with functions (evaluating and interpreting function values, representing functions graphically and algebraically, recognizing families of functions), with particular attention to linear and exponential functions.

238 Calc-l- f B- ine and S cial Science I (5) *UC:CSU

Math 238 presents an introduction to the study of calculus of one variable, differentiation and integration of algebraic and exponential functions, application of differential calculus to modeling and curve sketching, use of integral calculus to determine areas between curves, techniques of integration. Math 238 topics of finite mathematics include compound interest and annuities.

240 T ig n me (3) CSU

Math 240 centers on a study of the sine, cosine, and tangent functions, including a study of their graphs, inverses of the functions, solution of triangles, models for periodic phenomena, identities, conditional equations, and polar coordinates. Math 240 includes an introduction to the cotangent, secant, and cosecant functions.

245 C llege Algeb a (3) **UC:CSU

Math 245 discusses relations, functions and their graphs, matrices and determinants, theory of equations, permutations, combinations, probability, and conic sections.

260 P e-calc-l- (5) **UC:CSU

Math 260 develops properties of the elementary functions, including exponential, logarithmic and trigonometric functions. Graphing is stressed. Math 260 includes sequences, series, and elements of analytic geometry such as conic sections.

Microbiology

1 In d-c Mic bi l g (5) *UC:CSU

No t :
P As t :

Major emphasis is on the nature of bacteria—their morphology, metabolism, genetics, growth and methods of controlling their populations, their aptitude in causing infectious diseases, and host-pathogen relationships. Other topics include free living and pathogenic fungi, protozoa, the helminthes (worms) and the diseases they cause, the fundamentals of virology and immunology, bioterrorism, and potential infectious agents of bioterrorism. Laboratory techniques emphasize microscopy, aseptic techniques in cultivation, isolation, staining, enumeration, control, and identification of bacteria. Students explore microbes in soil, air, water, and food with particular emphasis on medical microbiology and the major etiological agents of disease, as well as an introduction to biotechnology.

20 In d-c Mic bi l g (4) *UC:CSU

No t :
P As t :

Micro 20 is the study of microorganisms, including their discovery, morphology, metabolism, genetics, growth requirements, and most importantly, their roles in infectious diseases. Other major topics covered are virology, immunology, and methods of control of microorganisms. The labs include microscopy, aseptic technique in the handling of bacteria, and isolation, cultivation, staining, identification, and control of bacterial populations. Recommended for nursing and allied health students.

* : Combined Microbiology 1 and 20, maximum one course.

Modern Languages

Ame ican Sign Lang-age
F ench
I alian
Ja ane e
S ani h

Multimedia

108 Ba ic Digi al Vide P d-c i n f Ne Media (3) CSU

Comprehensive overview of all aspects of digital film/video production from script concept to finished project, centering on basic theory and its application via exams, demonstrations, and hands-on experiences with digital media exercises.

109 Ba ic Digi al Vide P d-c i n f Ne Media (3) CSU

Comprehensive overview of all aspects of documentary digital film/video production from concept to finished project, centering on basic theory and its application via exams, demonstrations, and hands-on experiences with digital media documentary production exercises.

110 Vi -al C mm-nica i n (3) CSU - RPT 3

This is a fundamental course on the nature of visual communication. Emphasis is placed on historical, philosophical, theoretical, cultural and practical aspects of art, design and Multimedia.

114 S -nd De ign f Digi al Film/Vide /Radi T14 1 Tf8C /S an -l 373.5 516a765

801

181 A/lied M-_ic I (.5) UC:CSU

662 C mme cial G-i a II (2) CSU

Continuation of Music 661.

663 C mme cial G-i a III (2) CSU

Continuation of Music 662.

664 C mme cial G-i a IV (2) CSU

Continuation of Music 663.

705 Chambe M- ic (1) UC:CSU - RPT 3

Provides experience in typical chamber music and chamber orchestra combinations. Open to qualified instrumentalists, including pianists, string and wind instrument players.

721 O che a (1) UC:CSU - RPT3

Concerns reading and detailed study of the standard symphonic repertoire. Provides experience in interpreting music of various styles and performing for college functions.

741 Band (1) UC:CSU - RPT 3

Includes the study and performance of standard works for instrumental wind ensembles.

745 S m h nic Band (1) UC:CSU - RPT 3

Explores contemporary and traditional band literature with an emphasis upon performance-related experiences. Provides opportunities for solo performances, section rehearsals, and large ensemble rehearsals and performances.

755 B a En emble (1) UC:CSU - RPT 3

Provides rehearsal and performance experiences that utilize a wide variety of brass literature.

765 Pe c- i n En emble (1) UC:CSU - RPT 3

Provides the student with the opportunity to learn a wide variety of percussion ensemble literature including both symphonic and commercial styles. Public performances will be given.

777 M- ical Thea e W k h (3) *UC:CSU - RPT 3

Practical experience using techniques and principles of singing and vocalization, staging of singing with dancing numbers, and acting scenes in a musical will be presented before an audience. Emphasis will focus on the development of acting, singing and movement skills.

781 S -di Ja Band (1) CSU - RPT 3

This course offers practical experience playing in a large jazz band. Standard and special musical arrangements are rehearsed and performed with emphasis placed upon intonation, rhythmic accuracy, artistic expression and improvisation.

185 Di ec ed S -d - M- ic (1) CSU - RPT 2

285 Di ec ed S -d - M- ic (2) CSU

385 Di ec ed S -d - M- ic (3) CSU

Allows students to pursue Directed Study in Music on a contract basis under the direction of a supervising instructor.

911-941
C e a i e W k E ience Ed-ca i n - M- ic (1-4) CSU

Numerical Control

Ind- ial Techn l g - Machine Sh /CNC

Nursing

N- ing: A cia e in A Deg ee

250 O ien a i n N- ing (1)

An elective course for generic students who have been accepted and will be entering the Nursing Program. This class provides students with an introduction to the program. Course work is designed to assess learning styles and develop individual strategies for promoting student success.

400 Ad-l Heal h Ca e I (4) CSU

Introduces the student to the nursing process and Gordon's Functional Health Patterns as they relate to the care of the adult client. Basic clinical skills and related theory are presented. Encompasses physical, psychosocial, cultural, developmental, and legal aspects as related to nursing. Includes clinical experience.

402 Pha mac l g (1) CSU

Introduces basic knowledge and skills required for safe and effective drug therapy. Includes mathematics used in calculation of drug dosage. Specific drug classifications are discussed in conjunction with Gordon's Functional Health Patterns. Nursing process serves as a framework in the application of content to client care.

131

640

15 Ph ic f M- ic (3) CSU

Surveys the fields of physics that apply to the production of the sounds of music. The course delves into wave theory, harmonics, musical scales, musical instrument construction theory, harmonic sound analysis using FFT (Fast Fourier Transform) via Raven (a sound analysis program that can be run on any PC or Mac), musical instrument acoustics, room acoustics, amplification (acoustic and electronic) and the actual construction of a musical instrument. This course is designed for anyone majoring in music, or anyone using music in their careers, or anyone interested in music.

66 Ph ic f Life Science Maj I (5) *UC:CSU

Considers, at the beginning calculus level, the fundamental principles of mechanics, gravitation, thermodynamics, fluids, oscillatory motion, waves, and sound, with applications to biological and biochemical systems.

67 Ph ic f Life Science Maj II (5) *UC:CSU

Continues the study begun in Physics 66 into principles of electricity and magnetism, optics, and modern physics, at the beginning calculus level of mathematical sophistication, with applications to biological and biochemical systems.

101 Ph ic f Enginee and Scien i I (5) *UC:CSU

Considers the fundamental principles and applications of classical mechanics, gravitation, periodic motion, and fluid mechanics at the beginning calculus level of mathematical sophistication. The laboratory includes both quantitative and qualitative experiments, tutorials, and active learning activities which permit students to verify, illustrate, and deduce various laws of physics.

102 Ph ic f Enginee and Scien i II (5) *UC:CSU

Continues the study of physics begun in Physics 101 involving introductory thermodynamics and electricity and magnetism. The laboratory includes both quantitative and qualitative experiments, tutorials, and active-learning activities which permit students to verify, illustrate, and deduce various laws of physics.

103 Ph ic f Enginee and Scien i III (5) *UC:CSU

Concludes the study of physics begun in Physics 101 and Physics 102 involving waves, light and optics, relativity, introductory quantum mlativit8van-25(relati)-2-25and opticsnucng

820 I iga i n De ign and In alla i n (3) CSU

Studies the importance of irrigation to plant growth as well as the various methods of irrigation with special emphasis on sprinklers and irrigation management procedures.

822 T- f and G -nd C e Managemen (3) CSU

Studies turfgrasses, their characteristics, uses, and management. Covers soils, soil preparation, irrigation, fertilization, insects, weeds, disease, and special management factors. Requires field trips to supplement class work.

826 C m- e Land ca e De ign (3)

Provide basic training in the theory and practices of computer aided drafting and design (CAD). Emphasis will be placed on drawing and design solutions as they apply to the landscape industry. Both operating and application software is discussed and utilized to produce design solutions.

827 S- ainable Ga dening f Land ca e (3) CSU RPT - 1

Students will study ways in which urban landscapes in Southern California can become more sustainable. Topics include water conservation, storm water runoff, landscapes for fire prone areas, material reuse, recycling and repurchase, and other principles of sustainablility. Students will learn the application of new technology to increase sustainability.

828 S- ainable Wa e Managemen & C n e a i n (3) CSU

Students will study principles and practices of water management for urban sustainable landscapes including water audit methods and certification, irrigation scheduling, water budgets, water use monitoring and laws and regulations pertaining to sustainable urban landscape irrigation and runoff

829 S- ainable Plan Selec i n (3) CSU RPT - 1

A course in drought tolerant xeriscape plant identification, collection and preservation. The list of plants to be studied include trees, shruTc 8 0 0 Spanvatio9ld/T1and

14 G e nmen and P li ic in he Middle Ea (3) UC:CSU

This course surveys the domestic, regional, and international factors which shape the political landscape of the Middle East. It identifies and explains sources of instability and violence in the region by focusing on the processes of state building and state disintegration. The course examines, in comparative context, the particular experiences of Middle Eastern countries to answer questions concerning the nature, roots, and historical evolution of the region's regimes, nationalism, leadership, and institutions. The approach is thematic, not chronological.

19 W men in P li ic (3) UC:CSU

Examines from a women's perspective political theories and public policies which shape the various possibilities and strategies for women's political participation in the United States and elsewhere. Examines the political institutions, processes, and problems of the national, state, and local government from a women's perspective.

30 The P li ical P ce (3) UC:CSU

This course surveys the nature and foundation of the democratic order. Specific focus is placed on traditional democratic theory, the contrasting philosophies of the Framers of the Constitution, and the impact of the decentralized, federal structure on the political processes of the United States. The course devotes considerable attention to the political rights and obligations of citizenship, important institutions and processes created under the US and California constitutions, elections and political behavior, public opinion and socialization, and the role of political parties and interest groups in a modern democratic political process.

37 In d-c i n P li ical S ci l g (3) UC:CSU

This course is the sociological study of power, politics, and the state. In political sociology, students will examine the interrelation of politics and society by combining sociological analysis with analyses of political structure and political processes. Emphasis is placed on political sociological theories, elites and masses, the state, globalization, nationalism and social movements, media and interest groups, social and political institutions, capitalism, corporatism, and status.

42 P li ic f Cen al and S h Ame ica (3) UC:CSU

A survey of the political history, institutions, socio-political movements, geography, interest groups and political parties of Central and South America. To discuss and analyze the history and geography of Central and South America, followed by a survey of several nations as each nation experienced the impact of European Colonialism and the subsequent transition from colonialism, American imperialism, and 20th century authoritarianism into 21st century democracies.

185 Di ec ed S d - P li ical Science (1) CSU - RPT 2

285 [illegible]

385 Di ec ed S d - P li ical Science (3) CSU

Allows students to pursue Directed Study in Political Science on a contract basis under the direction of a supervising instructor.

911-941
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(1-4) CSU

2 P-blic Rela i n Techni -e (3) CSU

[illegible] 8.

Builds upon the public relations writing techniques and strategic program planning taught in PR 001, while orienting the student toward the types of written products generated by public relations professionals. This advanced course will refine a studentâ?™s writing skills while paying close attention to the various formats such as press releases, media advisories, crisis plans, press kits in addition to other widely used public relations tools while adhering to the ethical guidelines set by the Public Relations Society of America. The accompanying practicum gives students the opportunity to work with an on-campus or non-profit organization to create and implement a public relations plan.

Reading

Engli h P ch l g 26.

Real Estate

1 Real E a e P inci le (3) CSU

Introductory survey of the fundamentals and principles of real estate. Areas covered include legal descriptions, estates in land, methods of holding title, transfer of real property, encumbrances, contract law, real estate agency law, principles of real estate financing, real estate appraisal, escrow, construction, investment, California real estate license law, and landlord/tenant law. Career opportunities are also discussed. Applies toward the mandatory educational requirements for obtaining the California Real Estate Salesperson or Broker License.

3 Real E a e P ac ice (3) CSU

This course covers the elements of day-to-day real estate sales and brokerage practices, emphasizing the selling process and the handling of a real estate transaction from listing to closing escrow. It offers guidelines in areas such as: listing agreements and purchase agreements, pricing property, qualifying the purchaser;, agency relationships, financing and other topics. Applies towards the mandatory educational requirements for obtaining the California Real Estate Salesperson or Broker License.

C e a i e W k E e ience Ed-ca i n - B- ine (1-4) CSU

See Cooperative Work Experience Education.

2 Ame ican S cial P blem (3) UC:CSU

Deals with the sociological identification and analysis of contemporary social problems in the United States. Analyzes aspects of social and cultural change which include issues of personal demoralization and social disorganization. This course is also designed to introduce the student to the significance of race, class, and gender in understanding social problems in the U.S. and around the world. The course will focus on sociological theories in examining social problems.

3 C ime and Delin -enc (3) UC:CSU

Examines the nature and extent of crime and delinquency, theories of causation, types of juvenile and adult offenses, and efforts by society to cope with law violations. Includes programs for prevention, correction, and rehabilitation.

4 S ci l gical Anal i (3) UC:CSU

This course introduces students to the fundamental principles and methods of sociological research design and implementation. Students examine the key varieties of evidence—including qualitative and quantitative data, data-gathering and sampling methods, logic of comparison, and causal reasoning. The work of several scholars is evaluated and students create their own research design related to a sociological issue.

11 Race & E hnic Rela i n (3) UC:CSU

This course examines the definitions, history, and experiences of ethnic and racial groups in this country. Attention is given to Blacks, Latinos, Native Americans, Asian Americans, and White Americans as well as women and religious minorities. What social, economic, and political factors affect majority-minority relations? What are the sources of discrimination? Of prejudice? Is social equality between different groups possible?

13 S cie and Pe nali (3) UC:CSU

Students are introduced to social psychology, focusing on the contributions of sociology to this field. the course examines the relationship between the individual and the social environment. Issues analyzed include socialization, self, identity, symbolic communication, altruism, aggression, deviant behavior, group processes.

15 Religi n and Ame ican S cie (3) UC:CSU

This course is designed to introduce students to the sociological analysis of religion. It will distinguish sociological perspectives on religion from alternative approaches. It will examine the connections between religion and other aspects of social life, such as gender, class, race/ethnicity and sexual identity. It will also analyze the relationship between religion and social continuity and change. Emphasis is placed on analyzing relevant current events involving religion.

21 H-man Se -ali (3) UC:CSU

This course provides a comprehensive introduction to the social, cultural, historical, and religious influences that shape contemporary sexual values and normative beliefs in the United States. Explores the diversities of major paradigms of sociology toward sexual practices and behavior, including cross-cultural traditions, sexual attraction and response, sexual deviance, sexual orientations and the commercialization of love, sex, and eroticism.

28 The Famil : A S ci l gical A ach (3) UC:CSU

This course presents the family as a social institution. The course examines the structure and function of the modern family, as well as the historical influences on the development of the family. The course will highlight the family life cylce from mate selection through the issues of the aging family.

29 The U.S. and Te i m (3) UC:CSU

This class will examine the evolution of the U.S. presence in the Middle East and Central Asia. It will also explore the development of terrorism and the U.S. response.

31 S ci l g f Gende (3) UC:CSU

This course examines the social significance of gender in contemporary U.S. society. It analyzes the social construction of gender ideology and how women and men's experiences are affected by social institutions such as work, education, the family, and the criminal justice system. Men and women's differential experiences are analyzed within the context of race, class, and sexual orientation. The course demonstrates how the experiences of men and women are created through social institutions and can, therefore, be transformed through social and institutional change.

35 The Lab M emen (3) UC:CSU

The course presents a sociological and historical analysis of labor movements in the United States and their effects upon American society. The course introduces students to distinctions among different forms of labor (forced and free), the role of markets and the State in regulating labor, and the effects of external factors (Industrial Revolution, abolition of chattel slavery, the Great Depression, war, globalization) and internal (to the laboring class) factors (competition among workers, ideologies, social and political organization) affecting the development of labor movements.

37 In d-c i n P li ical S ci l g (3) UC:CSU

This course is the sociological study of power, politics, and the state. In political sociology, students will examine the interrelation of politics and society by combining sociological analysis with analyses of political structure and political processes. Emphasis is placed on political sociological theories, elites and masses, the state, globalization, nationalism and social movements, media and interest groups, social and political institutions, capitalism, corporatism, and status.

43 Online Teaching and Lea ning f Ed-ca (2)

Introduces strategies for designing and teaching an online course. Designed so that learners will experience the various components of an online course from both student and facilitator perspectives. Basic computer, word processing knowledge, and Internet access ability are assumed. Offered pass/no-pass only.

86 P la C-l e (3) UC:CSU

This course is designed to introduce students to the analysis of the historical and current development and emergence of American popular culture and its relationship to social institutions, collective behavior, and roles in people's lives. Social, technological, political, and economic aspects of society are examined with regard to the adoption, maintenance, and changes in popular culture, including the consumption of mass media, fashion, music, consumerism and food. Distinction between popular culture and culture, mass culture, folk culture and its contribution to society's contemporary outlook is analyzed.

87 S ci l g f De ian Beha i (3) UC:CSU

Examines the structural and individual causes of deviant behavior in American society. Both absolutist and relativist analysis describe the very nature of why people engage in "undesirable" and socially "unacceptable" behavior. Apart from criminology, this discipline observes other behaviors that are not sanctioned by a legal body. The causes, consequences, practical data and ameliorative methods are offered.

11 G ea B k f S ani h Li e a - e (3) UC:CSU

An interpretation of Spain and Spanish culture presented through a survey of its literature, with selected readings of important writers in their historical setting, from the foundational myth of “El Cid” to writers raised during the dictatorship of Franco in contemporary Spain.

12 C n em a Me ican Li e a - e (3) UC:CSU

A course exploring Mexican cultural identity through great works of

291 Rehea al and Pe f mance (1) UC:CSU - RPT 3

[illegible]

In this course students are actively involved in the production of plays for college and public performances. Primary emphasis is on the ability to perform acting and stage crew assignments. Students may also work in the areas of publicity, house management, technical theater, or costuming.

292 Rehea al and Pe f mance (2) UC:CSU - RPT 3

[illegible]

In this course students are actively involved in the production of plays for college and public performances. Primary emphasis is on the ability to perform acting and stage crew assignments. Students may also work in the areas of publicity, house management, technical theater, or costuming.

300 In d-c i n S age C af (3) UC:CSU

[illegible]

Through lecture and laboratory demonstration, covers all phases of scene construction, painting, mounting and running of stage scenery. Also covers the use of sound, lighting equipment, and stage properties. Additional instruction is given in stage terminology and the organization and management of stage crew activities.

310 In d-c i n Thea ical Ligh ing (3) UC:CSU

[illegible]

Presents the basic principles of theatrical lighting, designed to familiarize the student with the equipment, the medium, and the design functions of stage lighting.

Forkotes, Ann (1996)

Rowe, Bruce M. (1971)

B.A., MA., [illegible]

Ruth, Brend (199)

B.A., [illegible]
MS, MA., [illegible]

Salazar, Patrick (2010)

B.A., [illegible]
MB.A., [illegible]

Salte, Sundy (2009)

A.A., [illegible]
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Sfanio, Abgail (2010) C ounsling

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MA., [illegible]

Shamus, David (2007)

B.S, [illegible]
MA., [illegible]

Shnie, Joan (1997)

A.D., [illegible]
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Yoshiwara, Bruce W. (1989)

B.A., MA., RD., [illegible]
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Yoshiwara, Katherine (1980)

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Yuhanna, Adrian (2010)

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Yung, Sylvie (2009)

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Zyac, John (2007)

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Zinring Towne, Joanna (2009)

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Zizelege, John F. (1987)

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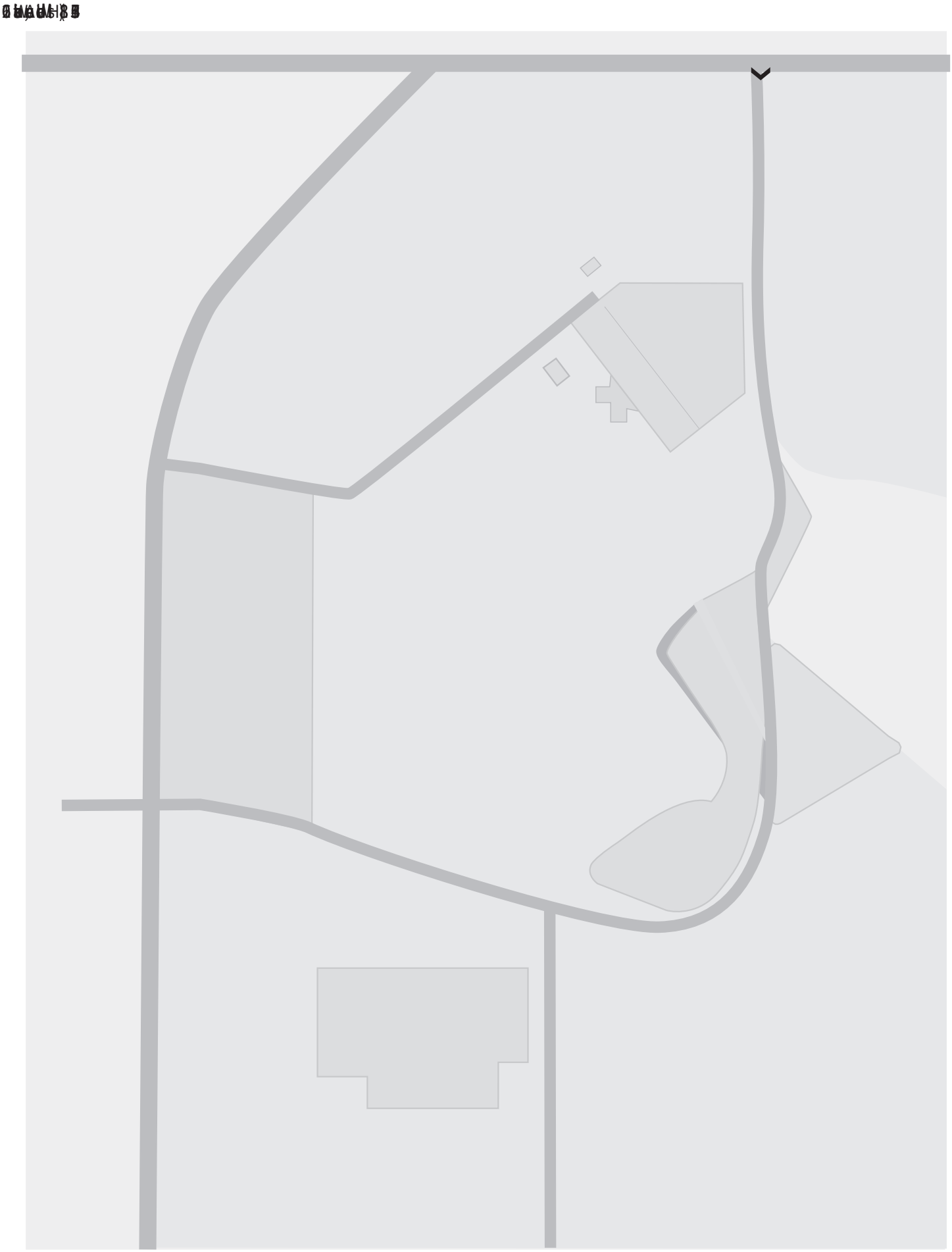
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