ARTHUR SECUNDA
(American, b. 1927)

Amalfi Coast, 2001
Acrylic and oil on canvas
41” x 57”
Gift of Mr. & Mrs. C. Edward Wall

VINCENT PRICE ART MUSEUM COLLECTION

Arthur Secunda is an internationally renowned artist whose career has spanned five decades. He considers himself a landscape artist and is noted for using diverse media and luminous colors. He continues to develop his unique vision as a printmaker, painter, ceramicist and sculptor. Secunda’s work is represented in the collections of most major museums in the United States.
This update to the 2009-2011 East Los Angeles College catalog provides the perfect opportunity to highlight the addition of five new or renovated campus buildings—an astounding addition of more than 240,000 square feet of classrooms, offices, conference rooms, lecture halls, theaters, art, ceramic, dance and music studios, an art museum and student services offices—all scheduled to open for the Fall 2010 semester.

These long-awaited facilities will transform the entrance to the college and provide state-of-the-art resources our faculty and students so richly deserve. And there is still a great deal more to come. We are about half-way through our campus renaissance and now as we reap the rewards of a decade of planning and building, coping with construction will be less daunting.

Bricks and mortar are important components to build a successful institution, but people are ELAC’s true heart and soul. Our faculty, staff and administrators are focused on student success. Their willingness to go the extra mile has created an environment where students relish contact with their Professors, appreciate the counseling and assistance received when transferring or searching for employment, and enjoy the benefits of many academic resources that help them achieve.

Our students say over and over again that ELAC is the place where they learned how to learn. They also treasure the nurturing atmosphere they find here. Students cooperate instead of compete with each other. Extracurricular activities, student clubs, athletic programs and student government welcome participants. ELAC is a place where students are respected and this engenders a cooperative and supportive culture.

This catalog update reflects the continued commitment of faculty and administration to provide the most relevant career courses, updated transfer requirements and information critical to graduate, move on to a university, and succeed in a career and as a productive community citizen. For example, sustainable energy issues have been incorporated into many science and career courses when relevant.

Our promise “Start at ELAC, Go Anywhere” continues to motivate the institution to constantly improve and address the needs of our students as they become productive citizens and enrich their lives to benefit their families and our communities.

Best,

Ernest H. Moreno, President
East Los Angeles College
Dear Students and University/College Educators,

This publication is the mid-issue update of East Los Angeles College’s biannual catalog. We have made additions and changes to the 2009-2011 General Catalog of courses and programs that include:

- New and revised courses in the subjects of Architecture, Chemistry, Environmental Science, Microbiology, and Physics focusing on sustainability and the environment;
- New courses for English as a Second Language students, to be offered in Spring 2011, that provide intensive instruction in reading comprehension, grammar, and verbal communication;

In addition, ELAC’s Graduation Plans A and B have been updated, as well as the General Education and IGETC Transfer Requirements for the CSUs and UCs.

It is our hope that this Catalog Update will guide students toward completing their educational plans, and assist university educators in working with East Los Angeles College graduates who are transferring to their institutions. Do not hesitate to contact the East Los Angeles College Articulation Officer, Cathleen Rozadilla, 323-265-8786, to inquire about any portion of this publication.

Sincerely,

Ernest H. Moreno, President
East Los Angeles College
ADMISSION AND MATRICULATION

The Assessment Placement Process at ELAC is a 3 ½ hour process which includes the English Assessment, Math Assessment, and Orientation. Assessments are offered at the Main Campus and South Gate Educational Center. Assessment Calendars are made available upon submitting the ELAC admission application at the Enrollment Center (Main Campus, Room E1-121) at Admissions (South Gate Educational Center), and online at www.elac.edu. Admission applications must be submitted prior to participating in the Assessment Placement Process. All students planning to enroll in English, Math, E.S.L. (English as a Second Language), or Reading courses and are planning to earn a Certificate, A.A./A.S. degree or higher, must participate in the Assessment Placement Process. Participation in the Assessment Placement Process is limited to one time per testing series (one time per six months). Placement results must indicate assessment was completed within the last two years at ELAC or any other California Community College in order to be accepted. For more information, call (323) 415-4141.

Any student with a verified disability may arrange an appointment for alternative administration of the Assessment Placement Process (English, Reading and Mathematics) by contacting Disabled Student Program and Services (E1-152A) at (323) 265-8787. Alternative administration may include extended time, larger print, or readers.

STUDENT SERVICES

Cooperative Agencies Resources for Education (CARE) is a student support program for single parents funded by the state. CARE provides additional services to single parents to help them reach their educational goals. To be eligible for CARE, a student must be an EOPS student, a single parent, head of household, a participant of CalWORKS/GAIN, receiving cash aid, have at least one child under the age of 14, and enrolled in 12 or more units.

CARE services may include: advisement, workshops, meal tickets, book grants, book loans, tutoring, scholarship application assistance, legal aid assistance, graduation cap and gown vouchers, scientific calculators, and other services. If you have any questions, please call (323) 265-8798 or visit the EOPS Office.

The ELAC libraries offer a variety of resources and services to students, faculty and staff.

They include:

- Books (Print and Electronic) and DVDs
- Textbook and reserve collection
- Magazines, journals and newspapers
- ELAC Campus News Digital Archives (coverage: 1945-1999)
- Online databases accessible on and off-campus
- Research help
- Research skills instruction
- Computers, printers, scanner and copiers
- Wireless Internet access
- Book borrowing privileges at California State University, Los Angeles

Librarians are available to assist with research needs during the library’s regular business hours. The libraries also offer two 1-unit credit courses in Library Research and Internet Research Methods. For more information, please call (323) 265-8758.
under Elective Credit for Military Service to read:

1. Credit for military service will be awarded toward Associate Degree requirements as follows:
   - Three units of credit towards LACCD Associate Degree general education Area E: Health and Physical Education (Board Rule 6201.14)
   - Three units of elective credit toward the 60 units required for an associate degree

2. Application Requirements:
   - Complete an LACCD Application
   - Arrange for all transcripts (including AARTS, SMART, and CCAF) and other application materials to be sent to the LACCD campus of attendance
   - Provide verification of U.S. military service, as follows:
     - Military Personnel on Active Duty: documentation must verify at least 181 days of active duty
     - Former Military Personnel currently NOT on Active Duty: Active Duty documentation (DD 214) must indicate student's length of service, which must include 181 days of active duty

3. Acceptable Documentation for Verifying Military Course Completion:
   - Army/American Council on Education Registry Transcript System (AARTS)
   - Form DD 295, “Application for the Evaluation of Learning Experiences During Military Service”
   - DD Form 214, “Armed Forces of the United States Report of Transfer or Discharge”
   - Course completion certificates
   - Sailor/Marine American Council on Education Registry Transcript (SMART)
   - Community College of the Air Force (CCAF) Transcript
   - Defense Acquisition University (DAU) Transcript

4. There is no LACCD residency requirement. Students may receive military credit upon entrance to any college within the LACCD.

5. Transcript Annotation

Military credit will be posted on student transcripts in keeping with the provisions of Administrative Regulation E-118.

Add and Drops for Veterans must be reported to the Veterans Clerk in the Admissions Office as soon as possible. To fail to do so may result in an overpayment or underpayment. The Veterans Administration holds the veteran responsible for reimbursement of overpayments.

Attendance Verification: Veterans must sign in with the Veterans Clerk from the 20th to 28th of each month or they will be discontinued from receiving benefits.

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SCHOLASTIC POLICIES

under EAST LOS ANGELES COLLEGE OFFERS PASS/NO-PASS COURSES IN THE FOLLOWING CATEGORIES:

under A. Non-Optional:

DELETE

Administration of Justice: 181, 186, 192, 197, 198, 210, 213, 217, 219, 416

ADD


Fire Technology: 63, 230, 231, 232
under B. Optional:

- ADD

  - CAOT .......................................................... 46
  - CHINESE ......................................................... All
  - ENGINEERING, GENERAL ....................................... 185
  - FRENCH .......................................................... All
  - ITALIAN .......................................................... All
  - JAPANESE .......................................................... All
  - SPANISH .......................................................... All

P 58  ADD

under AWARDING CREDIT

The colleges within the LACCD will accept upper division coursework completed at other colleges for the purpose of fulfilling Associate Degree requirements using the following guidelines:

1. Coursework must be completed at a United States regionally accredited institution.

2. A student must submit official transcripts from the originating institution.

3. Upper division courses may be applied to an LACCD general education area or major and/or elective requirements based on content equivalency to a general education, major or elective course offered at an LACCD campus.

4. Upper division courses in Math or English composition may be used to satisfy competency requirements for the Associate Degree.

Use of Upper Division Courses to Satisfy IGETC or CSU GE Breadth

Policy on the use of upper-division coursework on the IGETC and CSU GE is governed by the University of California and California State University systems. Consult the IGETC Standards and CSU Executive Order 1033 for complete details.

P 62  CHANGE

under 3. Credit For Law Enforcement and Fire Technology Academy to read:

Credit for basic recruit academy training instructional programs in Administration of Justice or other criminal justice occupations shall, for the purposes of meeting certificate of achievement and associate degree major requirements, be granted as follows:

a. Credit will be given for training from institutions which meet the standards of training of the California Peace Officers Standards and Training Commission and the State Fire Marshall.

b. Course credit may be granted, if the faculty in the discipline determine that the content of the academy training is equivalent to courses offered in the discipline.

c. One (1) unit of credit may be granted for each 50 hours of training, not to exceed eighteen (18) semester units or their equivalent.

This only applies to training received at public law enforcement academies; training provided by private agencies does not apply.

Credits granted by an institution of higher education for basic recruit academy training, under the above provisions, shall not be identified as equivalent to any required course in the major.

P 64  ADD

under DISTANCE EDUCATION – ONLINE COURSES

- ANTHRO 101  Human Biological Evolution ........................................ 3
- ART 103  Art Appreciation I .......................................................... 3
- ART 105  History of Asian Art ......................................................... 3
- CAOT 39  Word Processing: Keyboarding and Operations ..................... 3
CAOT 145  ePortfolio .................................................. 3
HISTORY 2  Introduction to Western Civilization II. ..................... 3
LAW 2  Business Law II ................................................. 3
LOGTIC 102  Business Terminology for Logistics  ..................... 2

P 67  DELETE
paragraph for INTERNATIONAL EDUCATION PROGRAM – STUDY ABROAD

GRADUATION REQUIREMENTS

P 70-72  under PLAN A and PLAN B:

A.  NATURAL SCIENCES (3 semester units)
ADD
Astronomy ................................................................. 15, 16
Environmental Science ............................................... 24
Microbiology ............................................................. 10
Physics ......................................................................... 17

B.  SOCIAL AND BEHAVIORAL SCIENCES (3-6 semester units)
ADD
History ......................................................................... 52

C.  HUMANITIES (3 semester units)
ADD
Spanish ......................................................................... 36

D.  COMMUNICATION AND ANALYTICAL THINKING (6-9 semester units)
DELETE
Computer Science ......................................................... 215
Philosophy .................................................................... 5

P 73  under GENERAL EDUCATION CERTIFICATION FOR CALIFORNIA STATE UNIVERSITY

A.  ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING
DELETE
3. Philosophy ............................................................... 5

TRANSFER REQUIREMENTS

P 74  under B. Scientific Inquiry and Quantitative Reasoning

1.  PHYSICAL SCIENCE
ADD
Chemistry 212+

COURSE NAMES AND ABBREVIATIONS

P 79  ADD
English as a Second Language – ESL or E.S.L.
NONCREDIT DEPARTMENT

CERTIFICATES OF COMPLETION

under JOB READINESS

DELETE

(Pending Approval)

under JOB READINESS AND CAREER EXPLORATION

DELETE

(Pending Approval)

P 83

DELETE

BSICSKL 20CE

ADD

new course:

BSICSKL 33CE – DEVELOPING MATHEMATICAL THINKING

Lecture, 2 hours

This course is for students who want to attain a readiness for the study of Mathematics. It is designed to help students begin to develop the thinking, problem solving, organizational, and study skills necessary to succeed in Mathematics.

GENERAL STUDIES

P 85-86

under ARTS AND HUMANITIES

ADD

MUSIC 132 Music of Mexico ......................................................... 3
SPANISH 35 Spanish for Spanish Speakers I .................................. 5
SPANISH 36 Spanish for Spanish Speakers II ................................. 5

P 86

under NATURAL SCIENCES

ADD

ASTRON 15 Astrobiology ............................................................. 3
ASTRON 16 Cosmology ............................................................... 3
ENV SCI 24 Global Climate Change .............................................. 3
MICRO 10 Environmental Microbiology ........................................ 4
PHYSICS 17 Energy and the Environment .................................... 4

under SOCIAL AND BEHAVIORAL SCIENCES

P 87

ADD

HISTORY 52 The Role of Women in the History of the United States ......................................................... 3

ADMINISTRATION OF JUSTICE DEPARTMENT

P 91

under ASSOCIATE DEGREE PROGRAMS: ASSOCIATE IN ARTS FIRE TECHNOLOGY

ADD

to PLUS 15 UNITS FROM THE FOLLOWING:

FIRETEK 216 Fundamentals of Personal Fire Safety and Emergency Action ...................................................... 3
This course provides training on police safety, field tactics, and the proper shooting techniques for officer safety. Safety considerations for human life are emphasized.

**CHANGE**

**course description to ADM JUS 89:**
This course provides training on tactical responses, building entries, building searches, and proper shooting techniques.

**ADD**
RPT3 to ADM JUS 93

**CHANGE**
hours for ADM JUS 98 to read:
Lecture, 28.5 hours; Laboratory, 13.75 hours

This course provides the student with updated information on supervision techniques for law enforcement officers newly assigned to the patrol function that include legal updates, patrol and communication techniques.

**CHANGE**
units for ADM JUS 115 to 1.5 units
hours to read:
Lecture, 1.5 hours

**CHANGE**
units for ADM JUS 116 to 5 units
hours to read:
Lecture, 4 hours; Laboratory, 2.75 hours

**ADD**
RPT3 to ADM JUS 121

**ADD**
CSU transferability to ADM JUS 122

**CHANGE**
units for ADM JUS 124 to 4.5 units
hours to read:
Lecture, 4.5 hours

**ADD**
RPT3 to ADM JUS 125
CHANGE
course description:
This course reviews the basic training in use of chemical agents and methods of delivery as well as providing the latest techniques and legal ramifications of chemical agent use.

CHANGE
units for ADM JUS 127 to 7.5 units
hours to read:
Lecture, 5 hours; Laboratory, 7.5 hours

CHANGE
units for ADM JUS 136 to 2.25 units
hours to read:
Lecture, 2.25 hours

P 95
CHANGE
hours for ADM JUS 157 to read:
Lecture, 4.5 hours; Laboratory, 2.25 hours

CHANGE
units for ADM JUS 161 to 2.25 units

CHANGE
units for ADM JUS 162 to 2.25 units

P 96
CHANGE
units for ADM JUS 163 to 2.25 units

CHANGE
units for ADM JUS 164 to 4.5 units

CHANGE
course description to ADM JUS 166:
This course reviews the basic elements of search and seizure as it relates to the Fourth Amendment of the United States Constitution and presents an in-depth study of consensual encounters. The course also examines the Exclusionary Rule from both a field and courtroom perspective.

CHANGE
course description to ADM JUS 171:
This course presents the basic concepts of search warrants and how to prepare and serve them according to the law.

ADD
new course:
ADM JUS 177 – Motivational Interviewing for Camp Staff (1)
Lecture, 1 hour
This course provides information on interviewing skills for probation officers within a juvenile custodial facility including motivational interviewing, the client-centered interview, and feedback techniques.

ADD
CSU transferability to ADM JUS 178
ADD

new course:

ADM JUS 179 – Introduction to Internal Affairs (0.5)

Lecture, 0.5 hours

This course provides an introduction to internal affairs including inquiries, investigations, and citizen complaints. Policy and procedures regarding use of force and officer-involved shootings are also covered.

DELETE

ADM JUS 181

ADD

RPT3 to ADM JUS 183

ADD

RPT3 to ADM JUS 184

CHANGE
course description:

This course offers updated information related to conducting criminal investigations involving search and seizure, case and statutory law, and search and arrest warrants.

DELETE

ADM JUS 186
ADM JUS 192
ADM JUS 197
ADM JUS 198
ADM JUS 210

CHANGE
course description to ADM JUS 211:

This course defines accountability for law enforcement supervisors including employee and vicarious liability issues.

DELETE

ADM JUS 213

CHANGE
hours for ADM JUS 216 to read:

Lecture, 0.5 hour

DELETE

ADM JUS 217
ADM JUS 219

CHANGE
course description to ADM JUS 221:

This course is designed to provide communication skills required to interact with inmates in custody settings.
CHANGE
course description to ADM JUS 222:
This course provides supervisors with the necessary knowledge to apply the various components of the administrative investigation process.

CHANGE
course description to ADM JUS 223:
This course provides instruction to civilian personnel on basic driving techniques of emergency vehicles associated with law enforcement.

CHANGE
course description to ADM JUS 224:
This course provides individuals with driver awareness instructional techniques to teach effective and safe driving methods to law enforcement personnel.

ADD
RPT3 to ADM JUS 228

CHANGE
course description:
This course provides specialized driving techniques through the use of a law enforcement simulator.

CHANGE
course description to ADM JUS 229:
This course provides specialized vehicle training for individuals who are required to provide transportation for public officials.

DELETE
ADM JUS 230

DELETE
ADM JUS 234
ADM JUS 235

CHANGE
course description to ADM JUS 236:
This course provides information on instruction and management strategies in community policing including practical strategies for community mobilization and problem-solving techniques for gang and nuisance activity.

DELETE
ADM JUS 237

DELETE
ADM JUS 238

ADD
RPT3 to ADM JUS 240

CHANGE
units for ADM JUS 240 to 1 unit
hours to read:
Lecture, 1 hour
course description:
This course provides information on instructional techniques used with the processing of criminal histories through the use of the Windows operating system.
DELETE
ADM JUS 242

CHANGE
hours for ADM JUS 243 to read:

Lecture, 0.5 hour
course description:
This course provides information on criminal case management including management reports, statistics, and suspect information.

DELETE
ADM JUS 244

CHANGE
units for ADM JUS 247 to 0.25 unit
hours to read:

Lecture, 0.25 hour; Laboratory, 0.25 hour
course description:
This course provides instruction on how to enter employee data into the Personnel Performance Index (PPI).

CHANGE
course description to ADM JUS 248:
This course is designed to train students for public service employment in law enforcement including an overview of job duties, criminal laws, self defense, evidence collection, first aid, and physical training.

DELETE
ADM JUS 249

ADD
RPT3 to ADM JUS 251

CHANGE
course description:
This course provides a periodic update for law enforcement officers assigned to motorcycle details.

DELETE
ADM JUS 252
ADM JUS 255
ADM JUS 257

CHANGE
units for ADM JUS 260 to 9.75 units

ADD
CSU transferability

CHANGE
hours to read:

Lecture, 9.25 hours; Laboratory, 1.5 hours

CHANGE
units for ADM JUS 261 to 9.75 units
ADD
CSU transferability

CHANGE
hours to read:
*Lecture, 9.5 hours; Laboratory, 0.75 hours*

ADD
CSU transferability to ADM JUS 316, 317 and 318

DELETE
ADM JUS 319
ADM JUS 323

P 101

CHANGE
course description to ADM JUS 328:
This course informs law enforcement personnel about fraternization issues within a custodial setting.

DELETE
ADM JUS 330

CHANGE
course description to ADM JUS 332:
This course provides information on the law enforcement policy regarding the procedures used for the transportation of inmates.

CHANGE
course description to ADM JUS 333:
This course provides information on basic sign language for emergency personnel.

CHANGE
units for ADM JUS 334 to 0.25 unit

ADD
RPT3

CHANGE
hours to read:
*Lecture, 0.25 hour; Laboratory, 0.25 hour*

course description:
This course provides instruction on the operation and safety of weapon systems and qualifies an individual in the use of tactical weapons.

CHANGE
course description to ADM JUS 335:
This course provides information on the proper techniques used in the removal of a hostile inmate from a jail cell.

CHANGE
course description to ADM JUS 336:
This course provides information to law enforcement personnel on the survival techniques for hostage situations and appropriate off-duty behavior.
DELETE
ADM JUS 344
ADM JUS 345
ADM JUS 346

DELETE
ADM JUS 348
ADM JUS 351

CHANGE

course description to ADM JUS 354:
This course provides information on emergency response procedures for custody personnel including evacuation and tactical planning.

DELETE
ADM JUS 355

CHANGE

course description to ADM JUS 357:
This course provides law enforcement personnel with stress management techniques including exercise, diet, and meditation.

DELETE
ADM JUS 358

CHANGE

units for ADM JUS 359 to 2.25 units
hours to read:
Lecture, 2.25 hours
course description:
This course provides information on the identification and handling of potentially dangerous security issues in a custody facility including custodial disturbances, emergency mobilization, hostage negotiations, and incident command procedures.

ADD
RPT3 to ADM JUS 360

CHANGE

course description to ADM JUS 361:
This course provides information to assist the experienced custody officer with current information necessary to become a qualified custodial trainer.

DELETE
ADM JUS 362
ADM JUS 364

ADD
RPT3 to ADM JUS 365

CHANGE

course description:
This course provides information on legal updates in the laws and policies regarding the custody and care of inmates.
CHANGE
course description to ADM JUS 366:
This course provides information on identifying and responding to hate crimes including the motivational factors of hate crimes and the initial response by law enforcement.

CHANGE
course description to ADM JUS 367:
This course provides information for the appropriate response to domestic violence including current case law requirements, threat assessment, and protection orders.

DELETE
ADM JUS 369
ADM JUS 370

CHANGE
course description to ADM JUS 371:
This course provides information on investigator case management techniques including the types of case assignments, creation of a master file, and removal and case closure procedures.

CHANGE
units for ADM JUS 372 to 0.5 unit

hours to read:
Lecture, 0.5 hour; Laboratory, 0.5 hour

course description:
This course provides information on report writing techniques for civilians working in the law enforcement field.

CHANGE
course description to ADM JUS 400:
This course provides information on law enforcement’s citizen complaint intake and investigation policies and practices. The topics covered include the citizen complaint process, process stages and recommended revisions of existing policy.

DELETE
ADM JUS 401

CHANGE
course description to ADM JUS 402:
This course provides information on HIV, hepatitis, tuberculosis, mental health, and substance abuse issues in a custodial environment. The topics covered include an overview of inmate health issues, strategies for effective communication with inmates, and workplace considerations of occupational exposure in a custody setting.

DELETE
ADM JUS 403

DELETE
ADM JUS 405
ADM JUS 406
CHANGE

**ADM JUS 407:**
This course provides information on racial profiling and the legal implications of racial profiling for law enforcement agencies. The topics covered include the policies regarding racial profiling, legal considerations, and the impact that racial profiling has on an individual's civil rights.

DELETE

ADM JUS 410

CHANGE

**ADM JUS 412:**
This course provides instruction on basic narcotics investigations including informant management, drug recognition, search warrant operations, and specialized investigations.

CHANGE

**ADM JUS 415** to 2 units

hours to read:

*Lecture, 1.75 hours; Laboratory, 0.5 hour*

DELETE

ADM JUS 416
ADM JUS 417
ADM JUS 418

CHANGE

**ADM JUS 421:**
This course provides information on the policy of equality in law enforcement including core values, respect-based leadership, and individual action plans.

ADD

RPT3 to ADM JUS 422

DELETE

ADM JUS 423
ADM JUS 431

CHANGE

**ADM JUS 432:**
This course provides information to identify and legally restrain inmates in a custodial setting who suffer from mental illness.

ADD

new courses:

**ADM JUS 442 – DNA Evidence for Law Enforcement (0.5)**
*Lecture, 0.5 hour*
This course provides a foundation in the basic science and the practical application of forensic DNA identification evidence.

**ADM JUS 443 – Elder Abuse Awareness for Law Enforcement (0.5)**
*Lecture, 0.5 hour*
This course provides information on elder abuse including its identification, domestic elder abuse, scams and schemes, mandatory reporting, and criminal prosecution.
ADM JUS 445 – Investigating and Prosecuting High-Tech Crimes (1)
Lecture, 1 hour
This course provides information on the new forms of identity theft, network intrusions, digital and electronic evidence, high-tech search and seizure, and analyzing computers and cell phones for criminal investigations.

ADM JUS 447 – Identity Theft Investigation and Prosecution (1)
Lecture, 1 hour
This course provides information in the investigation and prosecution of identity theft crimes. Subject areas include basic identity crimes law, access card fraud, search warrants, charging and presenting identity crimes, and victims’ issues.

ADM JUS 452 – Legal Update – 4 Hours (0.25)
Lecture, 0.25 hour
This course provides a legal update on current topics affecting the criminal justice system. Also included in this course is how these legal updates might affect the policy and procedures of law enforcement, the courts, and corrections.

ADM JUS 453 – Legal Update – 8 Hours (0.5)
Lecture, 0.5 hour
This course provides a legal update on current topics affecting the criminal justice system. Also included in this course is how these legal updates might affect the policy and procedures of law enforcement, the courts, and corrections.

ADM JUS 454 – Legal Update – 12 Hours (0.75)
Lecture, 0.75 hour
This course provides a legal update on current topics affecting the criminal justice system. Also included in this course is how these legal updates might affect the policy and procedures of law enforcement, the courts, and corrections.

ADM JUS 455 – Legal Update – 16 Hours (1)
Lecture, 1 hour
This course provides a legal update on current topics affecting the criminal justice system. Also included in this course is how these legal updates might affect the policy and procedures of law enforcement, the courts, and corrections.

ADM JUS 456 – Legal Update – 24 Hours (1.5)
Lecture, 1.5 hours
This course provides a legal update on current topics affecting the criminal justice system. Also included in this course is how these legal updates might affect the policy and procedures of law enforcement, the courts, and corrections.

ADM JUS 457 – DNA Awareness for Law Enforcement (0.5)
Lecture, 0.5 hour
This course provides the most recent court decisions on the legal requirements for the use of forensic DNA in criminal investigations. Subject areas also include recent DNA studies and programs, a juror’s perspective of DNA technology, partial and familial DNA searches, and an understanding of the application of DNA technology for homicides and mass fatality events.
P 106  ADD

new courses:

FIRETEK 33 – Wildland Fire Behavior Calculations (1.75)
Lecture, 1.75 hours
This course provides information on methods of calculating fire behavior characteristics, environmental factors and processes that affect fire behavior predictions, and fire behavior prediction models.

FIRETEK 34 – Fire Marshal Certification: Instructor 1C (2) CSU
Lecture, 1.75 hours; Laboratory, 0.5 hour
This course provides methods and techniques for instructional preparation and delivery of fire technology to fire personnel. Also included is information on how to evaluate a student, teaching resources, and behavior, communication, and feedback techniques.

ADD
RPT3 and Note to FIRETEK 63

Note: This course is offered on a PASS/NO-PASS basis only.

ADD
RPT3 to FIRETEK 64

ADD
RPT3 to FIRETEK 65

DELETE
FIRETEK 97

P 107  CHANGE

hours to FIRETEK 190 to read:
Lecture, 1.25 hours; Laboratory, 0.25 hour

DELETE
FIRETEK 206

CHANGE
course description to FIRETEK 209:
This course introduces fire-fighting tactics and strategies including the art of using manpower, effective use of equipment and apparatus, and methods of how to attack, control, and extinguish structural, waterfront, oil, and other types of fires.

ADD
new course:

FIRETEK 216 – Fundamentals of Personal Fire Safety and Emergency Action (3) CSU
Lecture, 3 hours
This course introduces the basic concepts of occupational health and safety as it relates to emergency service organizations. Topics include risk evaluation and control procedures for fire stations, training sites, emergency vehicles, and emergency situations involving fire, emergency medical services, hazardous materials, and technical rescue. This course provides information on the establishment and management of a safety program in an emergency service organization.

P 108  DELETE

FIRETEK 217
ADD

to FIRETEK 230, FIRETEK 231 and FIRETEK 232

Note: This course is offered on a PASS/NO-PASS basis only.

P 109 ADD

new courses:

FIRETEK 238 – Fire Marshal Certification – Fire Apparatus Driver/Operator 1B (1.5)
Lecture, 1.25 hours; Laboratory, 1 hour
This course provides the student with information concerning fire pump construction and theory, hydraulics, and pump practices for fire emergency vehicles.

FIRETEK 239 – Basic Emergency Vehicle Operations (0.5)
Lecture, 0.5 hour; Laboratory, 0.5 hour
This course provides the student with information on vehicle laws, driving techniques for emergency vehicles, and actual driving exercises under simulated emergency conditions.

FIRETEK 240 – Fire Marshal Certification: Basic Pump Operations (0.5)
Lecture, 0.5 hour; Laboratory, 0.5 hour
This course provides the student with information on the techniques of operating fire service pumps including types of pumps, gauges, unsafe condition of pumps, pressure relief devices, and water supply issues.

FIRETEK 241 – Automobile Extrication (0.5)
Lecture, 0.5 hour; Laboratory, 0.5 hour
This course provides information on procedures and systems utilized during an automobile extrication.

FIRETEK 242 – Fire Control 2: Basic Operations (0.5)
Lecture, 0.5 hour; Laboratory, 0.5 hour
This course provides information on methods and techniques for operating basic fire-fighting tools and carrying out basic fire-fighting evolutions.

ANTHROPOLOGY/GEOGRAPHY/GEOLGY DEPARTMENT

P 110 ADD

new ADJUNCT FACULTY
Conley, John M.
Geography
Mattson, Gregory A.
Anthropology
Waktola, Daniel K.
Geography

REVISED CERTIFICATE OF ACHIEVEMENT: INTERNATIONAL TRADE

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>INT BUS 1</td>
<td>International Trade</td>
<td>3</td>
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<tr>
<td>INT BUS 2</td>
<td>Transport Systems</td>
<td>3</td>
</tr>
<tr>
<td>INT BUS 3</td>
<td>Export Procedures I</td>
<td>3</td>
</tr>
<tr>
<td>INT BUS 4</td>
<td>Import Procedures I</td>
<td>3</td>
</tr>
<tr>
<td>ANTHRO 102</td>
<td>Human Ways of Life: Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>CAOT 48</td>
<td>Customer Service</td>
<td>3</td>
</tr>
<tr>
<td>MATH 115*</td>
<td>Elementary Algebra</td>
<td>3</td>
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<tr>
<td>OR</td>
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<tr>
<td>MATH 125*</td>
<td>Intermediate Algebra</td>
<td>3</td>
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**Foreign Language**

Any five-unit Foreign Language class ........................................... 5

*One course from the following .................................................. 3

GEOG 2 Cultural Elements of Geography  
GEOG 5 Geography of Resource Utilization  

*One course from the following .................................................. 3

ENGLISH 28* Intermediate Reading and Composition  
ENGLISH 101* College Reading and Composition I  

OR

CAOT 32 Business Communications  

5-6 units from the following ...................................................... 5-6

CAOT 82 Microcomputer Software Survey in the Office .................. 3  
CO SCI 201 Introduction to Computers and Their Uses .................. 3  
CO SCI 291 Programming Laboratory .......................................... 1  
LOGTIC 101 Introduction to Logistics in the Nontraditional Office ... 1  
LOGTIC 102 Business Terminology for Logistics .......................... 2  
LOGTIC 103 Records Management for Logistics ........................... 2  
Total ....................................................................................... 39-40

*This course has a prerequisite.

**P 111 REVISED ASSOCIATE DEGREE PROGRAM: ANTHROPOLOGY**

ANTHRO 101 Human Biological Evolution .................................... 3  
ANTHRO 102 Human Ways of Life: Cultural Anthropology .............. 3  
ANTHRO 103 Archaeology: Reconstructing the Human Past .............. 3  
ANTHRO 104 Human Language and Communication ........................ 3  
ANTHRO 111 Laboratory in Human Biological Evolution ............... 2  
ANTHRO 121 Anthropology of Religion, Magic and Witchcraft......... 3  
ANTHRO 132 Native People of North America  

OR

ASIAN 3 The Peoples and Cultures of Asia  

OR

ASIAN 7 Comparative Culture of Asia and America  

OR

CHICANO 44 Mexican Civilization .................................................. 3  

GENERAL EDUCATION REQUIREMENTS PLAN A ............................ 30  
ELECTIVES – ANY CSU GE OR IGETC REQUIREMENT ..................... 10  
Total ....................................................................................... 60

**P 112 CHANGE**

course description to ANTHRO 132:
This course examines the history, culture, religion, art, and political organization of selected Native North American cultures from pre-Western contact to the contemporary period, with particular emphasis on the processes of social, cultural, and political change in the post-contact period. The history of interactions between indigenous North Americans and other ethnic groups and their relevance to contemporary Native American issues are also explored.
P 113  **ADD**

**new course:**

**ENV SCI 24 – Global Climate Change (3) CSU**

*Lecture, 3 hours*

This course covers the concepts, methods of inquiry, and theory of climate change brought on by both natural and human influences. The course covers the physical and biological impacts of a changing climate, earth’s paleoclimate, and the current climate as well as future climate prediction models.

**ADD**

UC transferability to GIS 31

**DELETE**

courses:

GEOG 4
GEOG 5
GEOG 18

P 114  **ADD**

UC transferability to GEOG 31

**ARCHITECTURE DEPARTMENT**

P 116  **ADD**

**new FACULTY**

Ramirez, Ramon

*Assistant Professor*

P 118  **DELETE**

*under TRANSFER CURRICULUM*

SOUTHERN CALIFORNIA INSTITUTE OF ARCHITECTURE

P 119  **DELETE**

*under TRANSFER CURRICULUM*

WOODBURY UNIVERSITY

**CHANGE**

hours for LAN 102 to read:

*Lecture, 1 hour; Laboratory, 5 hours*

P 120  **ADD**

**new course:**

**ARC 165 – Sustainable Design and Building Information Modeling (2) CSU**

*Lecture, 1 hour; Laboratory, 2 hours*

This course examines the underlying principles of sustainability design. Major aspects of sustainable design such as site location, energy efficiency, and material selection are covered. In addition, this course addresses the importance of Building Information Modeling (BIM) as it relates to sustainable design. Several application projects are designed during the semester.

P 122  **CHANGE**

hours for ARC 264 to read:

*Lecture, 1 hour; Laboratory, 5 hours*
ADD

new courses:

ARC 931 – Cooperative Education – Architecture (3) CSU RPT3
Note: Requires 15 to 19 hours per week; paid employment related to the occupational major and enrollment in at least 7 units (which include Co-op Ed).
This course offers advanced supervised training in an employment area that enhances the student’s educational goals.

ARC 941 – Cooperative Education – Architecture (4) CSU RPT3
Note: Requires 20 hours per week; paid employment related to the occupational major and enrollment in at least 7 units (which include Co-op Ed).
This course offers advanced supervised training in an employment area that enhances the student’s educational goals.

ADD

Advisory for ENV 101 to read:
Architecture 170

CHANGE

course description:
This course is a design studio introducing formal and spatial visual design concept and principles, strategies and systems related to the design of the built environment. Two- and three-dimensional problems are introduced, processes studied and solutions evaluated. Examples exhibited in the natural environment are referenced and applied to inform these processes. Drawing and modeling techniques are developed as investigative tools, representational and expressive visual media.

CHANGE

Advisory for ENV 102 to read:
Architecture 170

course description:
This course is a design studio introducing environmental, architectural and societal design considerations. Two- and three-dimensional problems are introduced, processes studied and solutions evaluated. Principles of how a process and solution to a design problem is derived and influenced by the physical laws of nature; derived by the physical materials and methods of working with those materials; human and natural environmental factors; and physical dimensions and activities with the human cultural, political and social environment. These topics and processes are also investigated in their inter-relationship to sustainable design considerations and objectives.

ART DEPARTMENT

P 123

CHANGE

FACULTY listing to read:
Kallan, Linda
Professor
Singh-Bischofberger, Surana
Assistant Professor

DELETE

FACULTY
Pfeiffer, Dr. Katherine S.
ADD
new ADJUNCT FACULTY
Armenteros, Rey
Tchalian, Adriana

DELETE
ADJUNCT FACULTY
Huynh, Phung

P 127 CHANGE
course description to ART 103:
This course is an introduction to world visual cultures. It involves a comparative study of the visual arts, from selected historical periods, designed to expand visual awareness and experience in order to increase one's ability to understand and evaluate visual forms that are part of their environment.

CHANGE
course description to ART 105:
This introductory survey course follows the development of Asian visual cultures, primarily India, China, and Japan. Art is discussed in its historical and cultural context. Religious and philosophical influences on art and architecture as well as, the interchange of cultural influence and artistic expression, are considered. The following major systems of belief and their impact on artistic production are covered: Buddhism, Hinduism, Jainism, Confucianism, Taoism, Shinto, Islam, and Sikhism.

P 128 DELETE
prerequisite for ART 220

P 129 CHANGE
hours for ART 313 to read:
Lecture, 2 hours

P 130 CHANGE
units for ART 640 to 3 units

hours to read:
Lecture, 2 hours; Laboratory, 2 hours

AUTOMOBILE TECHNOLOGY DEPARTMENT

P 132 CHANGE
FACULTY listing to read:
Banuelos, Adrian – Chair
Professor
Kangas, Walter
Professor

P 134 ADD
new courses:

AUTOMO 931 – COOPERATIVE EDUCATION – AUTOMOBILE TECHNOLOGY (3) CSU RPT3
Note: Requires 15 to 19 hours per week; paid employment related to the occupational major and enrollment in at least 7 units (which include Co-op Ed).
This course offers advanced supervised training in an employment area that enhances the student’s educational goals.
AUTOMO 941 – Cooperative Education – Automobile Technology (4) CSU RPT3

*Note: Requires 20 hours per week; paid employment related to the occupational major and enrollment in at least 7 units (which include Co-op Ed).*

This course offers advanced supervised training in an employment area that enhances the student's educational goals.

### BUSINESS ADMINISTRATION DEPARTMENT

<table>
<thead>
<tr>
<th>Page</th>
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<tr>
<td>P 135</td>
<td>CHANGE</td>
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**FACULTY listing to read:**

Yeung, Isabel F.

*Professor, Accounting*

<table>
<thead>
<tr>
<th>P 138</th>
<th>CERTIFICATES OF ACHIEVEMENT</th>
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(Pending Approval)

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<thead>
<tr>
<th>P 140</th>
<th>ASSOCIATE DEGREE PROGRAM</th>
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<td>under <strong>INSURANCE PROPERTY AND CASUALTY</strong></td>
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(Pending Approval)

**CHANGE**

**GENERAL EDUCATION REQUIREMENTS** to:

(PLAN A) 30

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<th>P 142</th>
<th>CHANGE</th>
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</table>

**course description to ACCTG 2:**

This course surveys the principles and practices used in accounting for partnerships, corporations, stocks, bonds, statement of cash flows, financial statement analysis, managerial accounting, manufacturing costs, variable and fixed costs, job order cost, process cost, standard cost, budgeting, product pricing, capital statement analysis, performance evaluation using variances from standard cost and differential analysis.

**CHANGE**

**course description to ACCTG 3:**

This course provides complete analytical application and an advanced review of topics discussed in Accounting I and II. Topics include assets (current, fixed, and intangible), investments, financial statements, income taxes, liabilities, stockholders equity, revenue recognition, asset acquisition and leases.

**CHANGE**

**course description to ACCTG 11:**

This course covers both managerial and cost accounting, with emphasis on cost and non-cost systems; types of cost; elements of cost; cost behavior; variances for labor, materials and overhead; indirect expenses; allocation of cost to by-products; standard cost and budgets.

**CHANGE**

**course description to ACCTG 12:**

This course offers a study of the principles of auditing and the techniques used in conducting an audit and explores the requisite skills and knowledge needed to conduct an audit of financial statements. Practice is given in the preparation of audit working papers and audit reports.
CHANGE
course description to ACCTG 15:
This course is a study of Federal Income Taxes as they apply to individuals and sole-proprietorships and in analysis of appropriate tax laws. Consideration of applicable accounting procedures and preparation of reports and returns are emphasized.

P 143 CHANGE
course description to ACCTG 22:
Accounting 22 is the second half of Accounting 1. Topics presented include: voucher system; payroll; notes; bad debts; inventories; cost of merchandise sold; classification of assets and liabilities; depreciation methods; adjustments; financial statement analysis and internal control.

CHANGE
course description to ACCTG 45:
This course is designed to support the development of an understanding of Generally Accepted Accounting Principles (GAAP), Governmental Accounting Standards Board (GASB) and financial reporting standards for state and local government organizations. Topics include government accounting concepts, budget preparation and control, fund accounting, debt and fixed asset accounting, Comprehensive Annual Financial Report (CAFR) financial reporting and various other accounting concepts applicable to governmental accounting.

CHANGE
course description to ACCTG 46:
This course is a continuation of Accounting 45. It provides intense study of the accounting and financial reporting procedures for governmental sectors. Promulgated accounting standards, conceptual issues, and special topics are examined. The emphasis is on proprietary and fiduciary fund categories as well as financial reporting, auditing, budgeting and performance measures for state and local governments.

P 144 DELETE
CO SCI 215
CO SCI 245

CHANGE
prerequisite for CO SCI 220 to read:
Computer Science Information Technology 201

CHANGE
hours for CO SCI 233 to read:
Lecture, 2 hours; Laboratory, 2 hours

DELETE
prerequisite for CO SCI 236

P 146 ADD
new courses:

LAW 12 – TORT LAW AND CLAIMS INVESTIGATION (3)
Lecture, 3 hours
This course provides an introduction to the broad area of civil wrongs and their appropriate remedies, as well as tort law principles in the traditional areas of intentional torts, negligence, strict liability, nuisance, and the commonly employed defenses.
LAW 35 – Immigration Law for Paralegals (3) CSU

Lecture, 3 hours

This course introduces the students to the basics of immigration law and provides a brief review of United States history. The students learn about non-immigrants, immigrants, categories of visas, and how to acquire United States citizenship, refugee status and asylum status. This course also provides students with an overview of the individual’s substantive and procedural rights.

CHANGE

course description to REAL ES 3:

This is a practical course for agents. It offers guidelines in areas such as listing agreement and purchase and sale agreements, pricing property, qualifying the purchaser, agency relationships, financing, title and escrow, appraisal, and other information pertinent to real estate. All salespersons and brokers are required to take this course prior to taking their state licensing examination.

DELETE

REAL ES 12
REAL ES 13

REAL ES 26

CHEMISTRY DEPARTMENT

FACULTY listing to read:

Ow, Dr. Franklin P.
Assistant Professor

Rivera-Figueroa, Dr. Armando
Associate Professor

Valverde, Vanessa
Associate Professor

ADD

new ADJUNCT FACULTY

Labadzhyan, Gagik
Zainal, Hanaa A.
Zhou, Elaine

CHEMISTRY 231 – Environmental Chemistry (4) CSU

Lecture, 3 hours; Laboratory, 3 hours

Environmental Chemistry is the study of the source, fate, and reactivity of compounds in natural and polluted environments. This class focuses on environmental issues such as climate change, air pollution, stratospheric ozone depletion, pollution and treatment of water sources, energy sources and the utilization of insecticides and herbicides. The overall goal of this course is for students to gain an understanding of chemical processes that are central to these important environmental problems and to utilize this gained knowledge in making critical evaluations of these problems. The laboratory illustrates the key principles related to the chemistry of the environment through analytical techniques that are used to detect and measure environmental pollutants. Students investigate applications of green chemistry to issues of environmental concern, and gain an understanding of societal implications of some environmental problems.
## CHICANA/O STUDIES DEPARTMENT

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<tr>
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<td></td>
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<tr>
<td>Venegas, Sybil, - Chair</td>
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<tr>
<td>Associate Professor</td>
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## CHILD, FAMILY AND EDUCATION STUDIES DEPARTMENT

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<td>Soriano, Maribel</td>
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<td>Associate Professor</td>
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<tbody>
<tr>
<td><strong>course title for CH DEV 11 to read:</strong></td>
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<tr>
<td>Child, Family and Community</td>
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<tbody>
<tr>
<td><strong>prerequisites for CH DEV 23 to read:</strong></td>
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<tr>
<td>Child Development 22 and 42</td>
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<tr>
<td><strong>prerequisites for CH DEV 38 to read:</strong></td>
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<tr>
<td>All of the following: Child Development 1, 2, 3, 4, 10, and 11</td>
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<tr>
<td><strong>course title for CH DEV 42 to read:</strong></td>
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<tr>
<td>Teaching in a Diverse Society</td>
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<tr>
<td><strong>course title for CH DEV 44 to read:</strong></td>
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<td>Early Intervention for Children with Special Needs</td>
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<tr>
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<tr>
<td>Programs for Children with Special Needs</td>
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## COMPUTER APPLICATIONS AND OFFICE TECHNOLOGIES DEPARTMENT

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<tr>
<td>Cross, Karen</td>
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<tr>
<td>Associate Professor</td>
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<tr>
<td>Hsiao, Rebecca</td>
<td></td>
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<tr>
<td>Professor</td>
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<table>
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<tbody>
<tr>
<td><strong>new ADJUNCT FACULTY</strong></td>
</tr>
<tr>
<td>Medina, Leonardo</td>
</tr>
<tr>
<td>Moriarty, Cynthia</td>
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</table>
This course provides a thorough training in keying business and personal letters, tables, manuscripts, and memorandums on computers using word processing software. Emphasis is placed on keyboarding techniques, improving speed and accuracy on timed writings, and developing proofreading skills.

This course provides advanced training in creating decision-making production assignments. Medical and legal office applications are introduced, along with designing and creating office forms and publications for various industries. Continued emphasis is placed on skill building, language arts exercises, speed and accuracy.

**CHANGE**

**prerequisite for CAOT 24 to read:**
Advisories: CAOT 2 and CAOT 23

**course description:**
This course covers law office procedures for the legal secretary, including procedures for federal court filings; preparation of dissolutions of marriage and prenuptial agreements; discussion and processing of adoption forms and of Last Wills and Testaments; identifying criminal law practice procedures; library search of statutes and codes; development of writing citations; review of Latin terminology; review of resume and how to prepare for an interview.

**CHANGE**

**hours for CAOT 33 to read:**
Lecture, 2 hours; Laboratory, 1 hour

**CHANGE**

**course description to CAOT 39:**
This course provides a comprehensive working knowledge of Microsoft Word. Students learn to create, edit and format documents; manage and print documents, envelopes, and labels; customize document elements; use headers, footers, and footnotes, insert and manipulate images, WordArt, SmartArt, shapes, and tables; proof documents using Spell Check, custom dictionary, thesaurus, and research features; insert symbols, special characters, and hyperlinks in documents; and create and design charts.

**ADD**

**new course:**

**CAOT 46 – Medical Transcription (3)**
Prerequisites: CAOT 31 and HTHTEK 133
Advisory: CAOT 1
Lecture, 3 hours
This course develops proficiency in operating transcribing machines to accurately transcribe medical documents, including medical correspondence, chart notes, history and physicals, and reports from audio sources. Emphasis is given to spelling, proofreading, correct terminology, and abbreviations. Students review anatomy and major body systems.

**CHANGE**

**course description to CAOT 97:**
This course provides an overview of the Internet. Students learn to use electronic mail, file transfer protocol, search engines, and Internet browsers. Additionally, students learn to design and create Web pages utilizing HTML.

**course description to CAOT 110:**
This course is designed to teach the fundamentals of presentation creation, enhancement, and modification. Students learn to create, edit, format, show, and print presentations including the use of PowerPoint templates, outlines, clip art, charts, tables, animation, and sound.
## COUNSELING DEPARTMENT

**DELETE**

**COUNSELORS**

Dominguez-Gary, Olga
Estrada, Edward M.

**ADD**

**new ADJUNCT FACULTY**

Estrada, Edward M.
Perez, Alicia

**CHANGE**

*course description to PERSDEV 3:*

This course is designed primarily for students who need assistance in developing study skills for success in college. Topics covered include cognitive learning styles, self-esteem issues, attitudes towards study and behavior modification. Students learn study techniques utilizing textbooks, the library and the Internet. Time management skills, test-taking strategies and notetaking formats are also explored. An overview of financial aid, scholarships, associate degree and transfer requirements is provided.

**ADD**

UC transferability to PERSDEV 20

## ENGINEERING DEPARTMENT

**CHANGE**

*FACULTY listing to read:*

Ramirez, Jose C. – Chair
Associate Professor

**ADD**

**new ADJUNCT FACULTY**

Gallegos, Humberto A.
Reascos, Christian G.

**Under CERTIFICATES OF ACHIEVEMENT: COMPUTER-AIDED DRAFTING (CAD)**

Restricted Elective Courses:

**DELETE**

ENG GEN 112

**CHANGE**

*prerequisite for ENG CIV 121 to read:*

Mathematics 241 or a course in Trigonometry

**CHANGE**

*prerequisite for EET 120 to read: *

Mathematics 125 and General Engineering 102

**CHANGE**

*prerequisite for ENG GEN 102 to read: *

Mathematics 115

**CHANGE**

*prerequisite for ENG GEN 110 to read: *

Mathematics 115
P 180  DELETE

ENG GEN 112

CHANGE

prerequisite for ENG GEN 121 to read:
General Engineering 102 and Mathematics 261

CHANGE

prerequisite for ENG GEN 221 to read:
Mathematics 261

P 181  DELETE

corequisite for ENG GEN 242

ENGLISH DEPARTMENT

P 182  CHANGE

FACULTY listing to read:
Dahi, Khetam
   Assistant Professor
Warner, Nathan J.
   Assistant Professor

DELETE

FACULTY
Andrews, Michelle I.
Beltran, Richard J.

ADD

new ADJUNCT FACULTY
Armendarez, Douglas M.
Barilari, Gia
Bohn, Jeffrey L.
De Casas, Martha M.
Fernandez, Juan
Frazier, Terry L.
Gras, Lauren D.
Heng, Nay S.
Hernandez, Margaret R.
Komminos, Jacquelin
Lamas, Catherine T.
Lee, Ron C.
Lehren, Dustin H.
Matsuda, Junko
Rodriguez, Marina A.
Salazar, Lillian M.
Shirinyan, Ara A.
Ula, Labina S.

DELETE

ADJUNCT FACULTY
Aartman, Joanne
Atwell, Paula A.
Baydaline, Jane
Byloos, Matthew  
Calebotta, Stephen  
Goldstein, Shelia  
Kolibar, Emery  
Park, Chong

P 184 **ADD**
NDA to ENGLISH 26

**CHANGE**

*prerequisite to read:*
Acceptable level of skill as demonstrated in the English placement process or satisfactory completion of English 21 or 86

P 185 **CHANGE**

*prerequisite for ENGLISH 101 to read:*
Acceptable level of skill as demonstrated in the English placement process or satisfactory completion of English 28, 61, 62, 63 or 65

P 186 **CHANGE**

*prerequisite for ENGLISH 127 to read:*
One of the following, ENGLISH 28, 61, 62, 63 or 65

P 187 **ADD**
RPT1 to ENGLISH 211

P 188 **ADD**

new courses:

**ESL 3A – College English as a Second Language III: Writing and Grammar (6)**  
Advisories: ESL 3B and 3C  
Lecture, 6 hours  
This course is designed for students at the low-intermediate level of English language acquisition. This course provides instruction in basic and low-intermediate grammar, writing of sentences and short paragraphs, reading at a low-intermediate level, and verbal communication.

**ESL 3B – College English as a Second Language III: Reading and Vocabulary (3)**  
Advisories: ESL 3A and 3C  
Lecture, 3 hours  
This course complements ESL 3A and 3C, providing intensive instruction in reading comprehension and vocabulary development at a low-intermediate level. Emphasis is placed on identifying the main idea and details of short reading selections. Students build vocabulary using word analysis skills and learning new sight words and idioms.

**ESL 3C – College English as a Second Language III: Listening and Speaking (3)**  
Advisories: ESL 3A and 3B  
Lecture, 3 hours  
This course complements ESL 3A and 3B and is designed to provide low-intermediate ESL students with additional practice in conversation skills. It focuses on the development of basic speaking and listening skills necessary for college, vocational study, and everyday life. Students learn to participate effectively in a variety of academic and vocational situations, including discussions, study groups, and meetings.
E.S.L. 4A – College English as a Second Language IV: Writing and Grammar (6)
Prerequisites: ESL 3A or ENGLISH 82 or Acceptable level of English as demonstrated in the ESL placement process.
Advisories: E.S.L. 4B and ESL 4C
Lecture, 6 hours
This course is designed for students at the mid-intermediate level of English language acquisition. This course provides instruction in mid- to high-intermediate grammar, writing of paragraphs and short essays, reading at a mid-intermediate level, and verbal communication.

E.S.L. 4B – College English as a Second Language IV: Reading and Vocabulary (3)
Advisories: E.S.L. 4A and ESL 4C
Lecture, 3 hours
This course complements E.S.L. 4A and ESL 4C, providing intensive instruction in reading comprehension and vocabulary development at a mid-intermediate level. Emphasis is placed on identifying the stated and implied main ideas and supporting details of readings written at the intermediate level. Students continue to develop their vocabulary.

ESL 4C – College English as a Second Language IV: Listening and Speaking (3)
Advisories: E.S.L. 4A and 4B
Lecture, 3 hours
This course is designed to complement E.S.L. 4A and 4B and focuses on development of intermediate speaking and listening skills necessary for college and everyday life. Students improve their abilities to hold conversations, give reports, and use vocabulary essential for everyday life situations, the college environment, the workplace, and other areas of cultural and social interest.

E.S.L. 5A – College English as a Second Language V: Writing and Grammar (6)
Prerequisites: E.S.L. 4A or ENGLISH 84 or Acceptable level of English as demonstrated in the ESL placement process.
Advisories: E.S.L. 5B and ESL 5C
Lecture, 6 hours
This course is designed for students at the high-intermediate level of English language acquisition. This course provides instruction in writing essays, critical thinking, reading at the high-intermediate level, and verbal communication.

E.S.L. 5B – College English as a Second Language V: Reading and Vocabulary (3)
Advisories: E.S.L. 5A and ESL 5C
Lecture, 3 hours
This course complements E.S.L. 5A and ESL 5C, providing intensive instruction in reading comprehension and vocabulary development at a high intermediate level. Emphasis is placed on identifying the stated and implied main ideas and supporting details of reading selections as well as transitions and patterns of organization. Students continue to develop their vocabulary.

ESL 5C – College English as a Second Language V: Listening and Speaking (3)
Advisories: E.S.L. 5A and 5B
Lecture, 3 hours
This course complements E.S.L. 5A and 5B. ESL 5C focuses on development of high-intermediate speaking and listening skills necessary for college and vocational study. Students improve their abilities to participate in academic and vocational discussions and meetings.
E.S.L. 6A – College English as a Second Language VI: Writing and Grammar (6)
Prerequisites: E.S.L. 5A or English 85 or Acceptable level of English as demonstrated in the ESL placement process.
Advisories: E.S.L. 6B and ESL 6C
Lecture, 6 hours
This course is designed for students at the advanced level of English language acquisition and provides instruction in writing extended essays using a variety of rhetorical modes, critical thinking, reading at the advanced level, and verbal communication.

E.S.L. 6B – College English as a Second Language VI: Reading and Vocabulary (3)
Advisories: E.S.L. 6A and ESL 6C
Lecture, 3 hours
This course complements E.S.L. 6A and ESL 6C, providing intensive instruction in reading comprehension and vocabulary development at an advanced level. Emphasis is placed on developing critical reading skills needed to understand academic texts. Students develop skills in annotating, outlining, and summarizing texts. Students acquire knowledge of more sophisticated, academic vocabulary.

ESL 6C – College English as a Second Language VI: Listening and Speaking (3)
Advisories: E.S.L. 6A and 6B
Lecture, 3 hours
This course complements E.S.L. 6A and 6B and focuses on development of advanced speaking and listening skills necessary for college and vocational study. Students refine their abilities to participate in academic and vocational discussions and meetings.

P 190
CHANGE
advisory for READING 28 to read:
ENGLISH 26, 57 or READING 25

CHANGE
advisory for READING 101 to read:
READING 28 or 29 and one of ENGLISH 28, 61, 62, 63 or 65

FOREIGN LANGUAGE DEPARTMENT

P 191
CHANGE
FACULTY listing to read:
Garcia, Dr. Tomas
   Instructor, American Sign Language
Lin, Rongwen
   Assistant Professor
Vega, Dr. Norma
   Assistant Professor

DELETE
ADJUNCT FACULTY
Johnston, Sachi
Palencia, Eldy
P 195  CHANGE

course description to SPANISH 3:
This intermediate course reviews the simple tenses, including the present, past, and future, and also introduces in detail the subjunctive mood. Students develop skills in reading and writing in Spanish through work with journalistic articles, short stories and short films. This class also emphasizes the cultural heritage of Latin America and Spain.

CHANGE

course description to SPANISH 4:
This course is the second of two intermediate courses that introduces the past subjunctive and all compound tenses in both the indicative and subjunctive moods. Students develop skills in reading and writing in Spanish through work journalistic articles, short stories and short films. This class also emphasizes the cultural heritage of Latin America and Spain.

CHANGE

course description to SPANISH 9:
This course introduces the student to the origins and evolution of Spanish civilization. It will emphasize Spain’s cultural history including the visual arts, literature, architecture, and music.

ADD

UC transferability to SPANISH 35

ADD

new course:

SPANISH 36 - Spanish for Spanish Speakers II (5) CSU
Lecture, 5 hours
This course is the second part of a sequence of two designed for students who are Native Speakers of Spanish but have had little or no academic preparation in standard Spanish. The course focuses on complex grammar, emphasizing the subjunctive mood and the compound tenses. A high emphasis is placed on reading and writing, including the use of written accents, spelling, and those areas of grammar with a high degree of English interference. Students also study the diverse cultures of the Spanish-speaking world. Students receive credit for Spanish 36 or Spanish 2 but not both.

LIBRARY SCIENCE DEPARTMENT

P 199  CHANGE

FACULTY listing to read:
Gust, Randall I.
Associate Professor

DELETE

ADJUNCT FACULTY
Doyle, Linda C.

CHANGE

course description to LIB SCI 101:
Students learn to conduct research using the library’s print and electronic resources, to distinguish between academic and popular sources, to develop research and organizational strategies for research assignments, to apply citation rules to their assignments, and to understand the basic requirements of copyright law and academic integrity.
LIFE SCIENCES DEPARTMENT

**P 200**

**ADD**

*new FACULTY*

Kelley, Stacie, N.D.

*Assistant Professor, Anatomy, Physiology*

**ADD**

*new ADJUNCT FACULTY*

Henderson, Scottie, Ph.D.

*Biology*

Hwang, Ann Marie, Ph.D.

*Biology*

Jarosz, Christopher

*Physiology*

McKenzie, Gabriel H.

*Physiology*

**DELETE**

*ADJUNCT FACULTY*

Au, Algie

Bahadorani, Nasim

**P 212**

**CHANGE**

hours for ETN MCR 7 to read:

*Lecture, 3 hours; Laboratory, 3 hours*

**CHANGE**

hours for ETN MCR 10 to read:

*Lecture, 1 hour; Laboratory, 4 hours*

**P 213**

**CHANGE**

*advisory for HTHTEK 133 to read:*

Anatomy 1 and Biology 20

**P 214**

**CHANGE**

*hours for HTHTEK 241 to read:*

Laboratory, 8 hours; Discussion, 1 hour

**DELETE**

HTHTEK 941

**ADD**

*new course:*

MICROBIOLOGY 10 – ENVIRONMENTAL MICROBIOLOGY (4) CSU

*Advisory: Biology 3*

*Lecture, 3 hours; Laboratory, 3 hours*

The purpose of this course is to introduce the student to environmental microbiology. The course emphasizes microbial interactions, the role of microorganisms in biogeochemical cycling, the distributions, functions, and effects of microorganisms in marine, freshwater, and terrestrial environments. The course presents physical and chemical methods used to control bacterial growth for medical, sanitary, industrial, and environmental (bioremediation) purposes. The laboratory component introduces the student to routine
techniques used in the isolation, analysis, and study of soil, freshwater, and marine microorganisms. Molecular techniques are employed for analyzing freshwater contamination. In addition, the laboratory explores applications of microbiology in the food, water, and dairy industries. This course is designed to meet the content standards in environmental microbiology for public and healthcare professionals, microbiologists, environmental engineers, environmental technicians, environmental scientists and biodefense specialists.

P 215 CHANGE
hours for RESP TH 11 to read:

Laboratory, 15 hours

MATHEMATICS DEPARTMENT

P 217 CHANGE
FACULTY listing to read:
Castellon, Dr. Viviana C.
Professor
Panchal, Mona
Assistant Professor

P 218 under ASSOCIATE DEGREE PROGRAMS
Associate in Arts Degree: MATHEMATICS
ADD
to electives:
MATH 286 Partial Differential Equations in the Natural Sciences . . . . . . . . . . . . . . . . . . . . . . . . 5

Associate in Science Degree: MATHEMATICS
ADD
to electives:
MATH 286 Partial Differential Equations in the Natural Sciences . . . . . . . . . . . . . . . . . . . . . . . . 5

P 220 ADD
NDA to MATH 103
ADD
new course:

MATH 107 – HOW TO DO WORD PROBLEMS (1)
Lecture, 1 hour
This course is designed to assist students in elementary algebra to master the basic concepts of solving word problems which includes recognizing relevant data in the problem, choosing an appropriate method of solution, and checking the answer.

CHANGE
course description to MATH 110:
This course reviews topics in arithmetic relevant to algebra and introduces ideas necessary for understanding algebra. Students discuss fundamental notions of algebra including the arithmetic of signed numbers, solving first degree equations, mathematical modeling, and basic graphing techniques. The course includes computer laboratory instruction.

P 222 ADD
IGETC Area 2A to MATH 280
**P 223 ADD**

new course:

**MATH 286 - Partial Differential Equations in the Natural Sciences (5) CSU**

*Lecture, 5 hours*

This course introduces linear partial differential equations and boundary and initial value problems with particular emphasis on the wave equation, the heat equation, and the Laplace equation. The techniques of separation of variables, eigenfunction expansions, and the method of characteristics for nonlinear equations are also studied.

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**MUSIC DEPARTMENT**

**P 224 CHANGE**

*FACULTY listing to read:*

- Dawson II, Robert B. – Chair
  *Professor*
- Martinez, Jesus E.
  *Professor*
- Nagatani, Dr. Chie
  *Associate Professor*

**ADD**

*new ADJUNCT FACULTY*

- Chilingarian, Samuel
- Coulter, Chrisian
- Jin, Jungwon
- Julian, Michael J.
- Vega, Juan J.

**DELETE**

*ADJUNCT FACULTY*

- Villalobos, John

**under ASSOCIATE DEGREE PROGRAM**

Associate in Arts Degree: MUSIC

**DELETE**

*(Pending Approval)*

**DELETE**

IGETC Area 3A from MUSIC 101

**P 225 ADD**

*new course:*

**MUSIC 132 – Music of Mexico (3) CSU**

*Lecture, 3 hours*

This course introduces students to the predominant regional musical styles of Mexico, from Pre-Cuauhtemoc to contemporary times. Students examine a cross section of styles including folk, classical, sacred, secular, border, dance and pop. The students are exposed to the effect that Latin American, African and European cultures have had on Mexico and understand what effect the indigenous music of Mexico has had on the rest of the world.
CHANGE

hours for MUSIC 161 to read:
*Lecture, 2 hours; Laboratory, 2 hours*

CHANGE

hours for MUSIC 200 to read:
*Lecture, 4 hours*

P 226

CHANGE

units for MUSIC 251 to 1 unit

hours to read:
*Laboratory, 3 hours*

DELETE

prerequisite for MUSIC 301

P 228

ADD

new course:

**MUSIC 721 – Orchestra (1) CSU**

*Laboratory, 3 hours*

This course provides an opportunity for musicians who play string, woodwind, brass and percussion instruments to be a part of a performing ensemble that will rehearse orchestral literature until it reaches performance level. The orchestra performs during the semester. Students must already play an instrument and are auditioned at the beginning of the semester.

CHANGE

units for MUSIC 731 to 1 unit

NURSING DEPARTMENT

P 232

ADD

Note to NURSING 250

*Note: This course is offered on a PASS/NO-PASS basis only.*

PHILOSOPHY DEPARTMENT

P 234

CHANGE

FACULTY listing to read:
Snead, Timothy A.
Associate Professor

under TRANSFER CURRICULUM: PHILOSOPHY

UNIVERSITY OF CALIFORNIA, RIVERSIDE

Bachelor of Arts Degree:

DELETE

PHILOS 5 Critical Thinking and Composition............ 3
CHANGE

course description to PHILOS 1:
This course provides students with an understanding of the major topics in philosophy—including metaphysics, epistemology and axiology. Students experience philosophy as an activity characterized by asking questions and answering them through persistent, critical analysis. The study of philosophy helps satisfy higher-level human needs, increases personal awareness, deepens tolerance, refines analytical powers, and equips us to deal with life's uncertainties.

P 235 DELETE

PHILOS 5

CHANGE

course description to PHILOS 12:
This course surveys the general historical accomplishments in ancient Greek philosophy from the Classical to the Hellenistic periods (roughly 5th century B.C.E. to the 2nd century A.D.). Students critically examine some of the major philosophers of this period, such as Parmenides, Socrates, Plato, Aristotle, Epicurus, Epictetus, and Aurelius, with the specific aim of discovering how their ideas relate to such topics as ontology, epistemology, politics and human happiness, as well as ultimately uncovering the historical impact these ideas have on human thought.

CHANGE

course description to PHILOS 14:
This course surveys the general historical accomplishments in modern European philosophy from the 16th to the 19th centuries. Students critically examine some of the major philosophers of this period, such as Descartes, Spinoza, Bacon, Hobbes, Locke, Hume, Kant, Hegel, Kierkegaard, Marx and Nietzsche, with the specific aim of discovering how their ideas relate to such topics as ontology, epistemology, politics and human happiness, as well as ultimately uncovering the historical impact these ideas have on human thought.

CHANGE

course description to PHILOS 20:
This course introduces ethics in a balanced mix of theory and practice that is unified and coherent, engaging and compelling. As a result of this course, students should be able to: see the moral overtones in their own lives, feel the urgency of ethics, the pressing personal and social need to perceive and confront the moral dimensions of everyday experiences, and understand, analyze, and resolve moral dilemmas.

CHANGE

course description to PHILOS 33:
This course provides a survey of the historical development of the world's great religions including their origins, teachings, growth, contributions to culture, and intellectual history.

PHYSICAL EDUCATION DEPARTMENT

P 241 CHANGE

FACULTY listing to read:
Brown, Kimberly D.
Professor

ADD
new FACULTY
White, Kirsten E.
Instructor
P 242  CHANGE  
units for DANCEST 814 to 2 units  
hours to read:  
Lecture, 1 hour; Laboratory, 2 hours

P 243  CHANGE  
hours to DANCETQ 325 to read:  
Laboratory, 2 hours

P 245  DELETE  
DANCETQ 696

P 246  CHANGE  
course description to HEALTH 28:  
This course covers osteoarthritis and rheumatoid arthritis with an emphasis on positive self-care choices. Topics include selected aspects of anatomy, physiology, exercise, medication, diet, and pain management. Problem solving of daily living challenges with arthritis is included, as well as analysis of unproven remedies.

CHANGE  
course description to HEALTH 31:  
This course covers diabetes mellitus, with emphasis on positive self-care choices. Aspects of current diabetes management are covered: blood glucose testing, oral hypoglycemics, insulin, exercise, and pregnancy. Also included are the prevention and recognition of diabetes complications affecting eyes, kidneys, nerves, feet, heart/blood vessels. Hypoglycemia and hyperglycemia are also covered.

CHANGE  
course description to HEALTH 32:  
This course covers heart and circulatory health with emphasis on positive self-care choices. Also covered are management of common heart and blood vessel disorders and determination of personal cardiovascular disease risk. Topics include: exercise, diet, diabetes, and the control of risk factors, such as: stress, high blood pressure, and high cholesterol.

P 248  DELETE  
PHYS ED 105

CHANGE  
hours for PHYS ED 131 to read:  
Laboratory, 3 hours  
course description:  
This fitness conditioning class consists of a series of exercises and aerobic dance steps in conjunction with stretching and body dynamics to help promote cardiovascular and muscular fitness.

DELETE  
PHYS ED 222

CHANGE  
course description to PHYS ED 230:  
This course covers the principles of weight training for men and women. It develops a general program of progressive resistance exercises with adaptation and implication for the student. Attention is given to terminology and use of equipment. Safety precautions, nutrition, weight control, and basic factors of anatomy and physiology are also covered.
**P 251 DELETE**

PHYS ED 561

**CHANGE**

course title for PHYS ED 631 to read:
Stress Management Skills

**P 252 DELETE**

PHYS ED 671

**CHANGE**

course description to PHYS ED 672:
This course consists of a combination of strength training, the use of weight training machines, step aerobics, and low impact aerobics. These activities are utilized to gain fitness, emphasizing flexibility, muscular strength, and cardiovascular endurance.

**DELETE**

PHYS ED 676

**P 253 DELETE**

PHYS ED 694

**PHYSICS DEPARTMENT**

**P 256 ADD**

new courses:

**ASTRON 15 – ASTROBIOLOGY (3) CSU**

*Lecture, 3 hours*

This course explores the origins of life in the universe and the conditions for a planet to be habitable. It also examines the evidence of life on Mars and other bodies in the solar system such as Europa and Titan. It further investigates the methods of detecting exoplanets and ascertaining their properties and whether life could exist on them. Finally, it examines the methods of searching and communicating with extraterrestrial intelligence.

**ASTRON 16 – COSMOLOGY (3) CSU**

*Lecture, 3 hours*

This is a survey course in the history and development of modern Cosmology. Students examine the Theory of Relativity, Quantum Physics and String Theory at a conceptual level and their impact on the development of Cosmology. Then they study about the Big Bang Theory, Inflationary Theory, Black Holes, Wormholes, Time Travel and Parallel Universes. Students are kept abreast of new developments in the field.

**CHANGE**

course description to PHYSICS 2:

In this course, students learn Newton’s Law of Gravity and Kepler’s Three laws of planetary motion. They study the field of fluid statics and dynamics which include Archimedes’ Principle and Bernoulli’s Equation. They delve into the field of Wave Dynamics and study such things as wave propagation, wave resonance and the Doppler Effect. They explore the field of Thermodynamics including properties of substances such as specific heat and the Three Laws of Thermodynamics. They examine the field of Optics such as the properties of mirrors and lenses and how images are formed. The laboratory program includes qualitative and quantitative analysis applied to environmentally related topics.
CHANGE

course description to PHYSICS 3:

In this course, students learn about electricity and magnetism, including topics such as electric field, electric potential, capacitors, resistors, RC circuits, magnetic force and torque, solenoids, Faraday’s Law, AC circuits involving resistors, capacitors and inductors. Students use the tools of algebra, trigonometry and calculus and the knowledge acquired in Physics 1 to solve a wide variety of problems. This course provides students with the tools to quantitatively understand energy efficiency and conservation.

ADD

advisory for PHYSICS 4 to read:
Mathematics 263

CHANGE

course description:

In this course, students learn the essentials of Wave Optics such as the diffraction, interference and polarization of light as well as the nature of light such as its wavelength, frequency, momentum and pressure. Then they delve into the topics of Modern Physics such as Relativity, Quantum Physics, Atomic and Nuclear Physics and Particle Physics. Students use the tools of algebra, trigonometry and calculus to solve a wide variety of problems.

ADD

new course:

PHYSICS 17 – Energy and the Environment (4) CSU
Advisory: Mathematics 125
Lecture, 3 hours; Laboratory, 3 hours
This course teaches about the many different sources of energy such as fossil fuels, wind, water, solar, biomass, nuclear and geothermal. It examines the advantages and disadvantages of each source and investigates the past and present examples of their use and future plans for new technology to utilize these sources.

PSYCHOLOGY DEPARTMENT

P 257

CHANGE

FACULTY listing to read:
Davey, Sherrie – Chair
Assistant Professor
Cleveland, Cathy S.
Assistant Professor
Ludwig, Randy
Associate Professor

ADD

new ADJUNCT FACULTY
Aguirre, Alba J.
Logan, Robert J.
Martin, Yvonne
Stepanyan, Karen K.
Valeriano, Oscar
DELETE

ADJUNCT FACULTY
Hughes, Louis H.
Loisel, Douglas B.
Wucetich, Cynthia

P 259 CHANGE
course description to PSYCH 1:
This course introduces the scientific study of behavior and mental processes, including research methods in psychology, the physiological basis of behavior, learning and memory, theories of personality, and psychological disorders and their treatments.

DELETE

PSYCH 6

ADD
CSU transferability to PSYCH 34

CHANGE
course description to PSYCH 52:
This course explores the psychological aspects of human sexuality from the perspective of the individual as well as romantic couples. Topics include male and female sexual anatomy, sexual arousal and response, gender identity, sexual orientation, love and attraction, effective relationship communication, pregnancy, methods of contraception, sexually transmitted infections, normal versus abnormal sexual behavior and sexual coercion.

P 260 DELETE

PSYCH 75

SOCIAL SCIENCES DEPARTMENT

P 261 CHANGE

FACULTY listing to read:
Castro, Consuelo, Ed.D., M.P.A. – Chair,
   Associate Professor, Political Science
Caballes, Aida Z., Ph.D.
   Associate Professor, Economics
Dunsheath, Barbara, Ed.D.
   Professor, History
Hernandez, Jeffrey, M.P.A.
   Professor, Political Science
Ie, Eileen F.
   Assistant Professor, Sociology
Monteiro, Natalina T., Ph.D.
   Assistant Professor, Political Science
Morales, Marcellino, Ed,D.
   Associate Professor, Sociology
Rodriguez, Christine, J.D.
   Professor, Sociology
Samad, Anthony Asadullah, Ph.D., M.P.E., M.P.A.
   Professor, African-American Studies, Political Science
Urrutia, Lillian
   Instructor, History
ADD

new ADJUNCT FACULTY
Castro, Daniel, Ph.D.
Sociology
Cheung, Chevy C.
Sociology
Chin, Darian W.
Economics
Fraga, Mike A.
History
Harris, John P.
Sociology
Holland, Carmen
Political Science
Mbaye, Mohamed
History
Mora, Juana M.
Political Science
Mueller, Tanya
Political Science
Person-Lynn, Kwaku
African-American Studies
Quintero, Maria
Political Science
Ramos, Gloria L.
Sociology
Romero, David
Political Science
Sanchez, Salvador
Political Science
Zhang, Ray R.
Economics

DELETE

ADJUNCT FACULTY
Aaron, Melvin
Brunetti, Dr. Melvin L.
Busch, Joel H.
Buchanan, Lori L.
Cardenas, Frank
Murray, Adam J.
Nebrida, Victor
Rogan, Robert J.
Rollo, Richard M.
Walsh, Brian P.
Woodworth, Phyllis B.
P 265  

CHANGE

Course description to AFRO AM 4:

A survey of the social, economic and political construction of the United States from its colonial origins through the formation of the United States constitutional government and its Civil War period. This course provides a background in the political and social development of the United States for students majoring in the Social Sciences, with a supplement of focused study on the evolution of the institution of slavery, to gain a better understanding of 17th, 18th and 19th Century race construction in America.

CHANGE

Course description to AFRO AM 5:

The course covers post-Civil War United States history, identifies significant figures and events of the second half of the 19th Century, the entire 20th Century and the early decades of the 21st Century. This course examines the cultural shifts of the 19th Century Reconstruction and Redemption Periods, analyzes the 20th Century social change movements in the context of race, equality and social justice in contemporary black history. This course documents the laws, policies and culture that sought to deconstruct America's race caste system over 150 years and will help students understand the theories and motivations behind racial behaviors, race based social patterns and attitudes that forged U.S. political, social and economic inter-race relations from 1865 to the Present.

ADD

IGETC Area 3B, 4F to HISTORY 1

P 266  

ADD

IGETC Area 3B, 4F to HISTORY 2, 6, 11, 12 and 82

CHANGE

Course description to HISTORY 5:

This course covers the History of the Americas--North, Central and South America -- from the arrival of the first humans to the liberation of the Americas from the European powers - England, France, Spain and Portugal, 1783-1824. As the course covers a long time span and a huge geographic area, the emphasis is on Native American civilizations, European colonization and American Democracy. The course analyzes the American Declaration of Independence and the United States Constitution, as well as the new Latin American nations and the United States to 1830.

ADD

New course:

HISTORY 52 The Role of Women in the History of the United States (3) CSU

Lecture, 3 hours

This course considers the political, economic, social, and intellectual history of women in the United States. Problems as well as contributions are explored from colonial days to the present with a special emphasis on contemporary concerns.

P 267  

CHANGE

Course description to SOC 19:

This course covers the history and development of social services. A particular emphasis is placed on social work, case work, and urban generalists. Institutions such as the welfare system, community organizations, healthcare and Medicare are explored. Social service work as a career, including social work, urban generalists, counseling, addiction specialists, and their qualifications are also covered.
P 268  CHANGE

course description to SOC 22:
This course is a sociological analysis of women, gender and sexuality in American society. A particular emphasis is placed on the political, social and economic status of women as well as the relationships between women and men. Topics include social forces that shape the experience of women such as race, ethnicity, social class and the social construction of gender.

ADD

new course:

SOC 84 - Simulated Society (1)
Lecture, 1 hour
Students simulate a society, actively learning sociological concepts such as status, role, primary group, power, inequality and stratification. The activity takes approximately 14 hours to play and students learn about the workings of society and how societal structure emerges from group dynamics and the exchange of resources.

SPEECH AND THEATER ARTS DEPARTMENT

P 269  CHANGE

FACULTY listing to read:
Hogan, Kelley M.
    Associate Professor, Theater Arts

ADD

new FACULTY
Stone, Lisa H.
    Instructor, Theater Arts
Smith, Ryan L.
    Instructor, Speech Communication

ADD

new ADJUNCT FACULTY
Beaton, Jason
    Broadcasting
Couture, Francois-Pierre
    Theater Arts
Maclean Megan M.
    Theater Arts
Scott, David L.
    Theater Arts

DELETE

ADJUNCT FACULTY
Bennett, Daphne N.
    MacPherson, Skye

P 271  ADD

NDA to SPEECH 62
P 272  **CHANGE**

course title for THEATER 130 to read:
Playwriting

**CHANGE**
hours for THEATER 205 to read:
Laboratory, 2 hours

**CHANGE**
course description to THEATER 240:
This course is designed to emphasize speech practice and technique for the stage, motion pictures, television and the lecture platform. Students are introduced to the fundamentals of good speech, including breathing, posture, resonance, projection and articulation. A study is made of the psychological and acoustical factors determining vocal quality, force, time and pitch. Students are introduced to the International Phonetic Alphabet and how to drop into their natural voice.

P 273  **CHANGE**
hours for THEATER 275 to read:
Lecture, 2 hours

**CHANGE**
hours for THEATER 325 to read:
Lecture, 2 hours; Laboratory, 2 hours
EAST LOS ANGELES COLLEGE

ASSOCIATE DEGREE GENERAL EDUCATION REQUIREMENTS

PLAN A • 2010-2011

GENERAL EDUCATION REQUIREMENTS: Minimum of 30 units.

MAJOR REQUIREMENTS: Minimum of 18 units in a single or related field. Please check college catalog for specific majors.

AREA A. NATURAL SCIENCES (3 units required)

Anthropology 101, 103; Anatomy 1; Astronomy 1, 15, 16; Biology 3, 6, 20, 25, 42, 46;
Chemistry 51, 56, 65, 101; Earth Science 1; Environmental Science 1, 24;
Family and Consumer Studies 21; Geography 1, 3; Geology 1, 4; Meteorology 3;
Microbiology 1, 10, 20; Oceanography 1; Physics 1, 6, 7, 11, 17, 21, 22; Physiology 1; Psychology 2

AREA B. SOCIAL AND BEHAVIORAL SCIENCES (9 units required)

1. AMERICAN INSTITUTIONS (3-6 units)
   African-American Studies 4, 5; Chicano Studies 7, 8; History 5, 6, 11, 12, 52, 81, 82; Political Science 1

2. SOCIAL AND BEHAVIORAL SCIENCES (3-6 units)
   Administration of Justice 1; Anthropology 102, 132; Asian-American Studies 1, 3, 7;
   Chicano Studies 2, 3, 19, 20, 47, 56, 63, 71, 72, 80; Child Development 1, 42, 45; Economics 1,
   Environmental Science 17; Family and Consumer Studies 31; Geography 2, 5, 14, 18;
   History 1, 2, 86, 87; Journalism 105; Political Science 2, 7; Psychology 1, 11, 13, 14,
   41, 52, 77; Public Relations 1; Sociology 1, 2, 3, 7, 11, 12, 13, 14, 21, 22

AREA C. HUMANITIES (3 units required)

American Sign Language 1, 2, 3; Anthropology 104, 121; Architecture 110, 130, 131; Art 101, 102, 103, 105, 111, 117, 118, 201, 501, 502, 700, 708;
Asian-American Studies 7, 11; Broadcasting 1; Chicano Studies 37, 42, 44, 46, 51, 52, 54, 57, 58, 62; Child Development 3; Chinese 1, 2, 3, 21, 22; Dance
Studies 458; Dance Techniques 419, 431, 460, 472, 481, 482, 483, 484, 485, 486, 487, 488, 490; English 102, 127, 203, 204, 205, 206, 207, 208, 211,
212, 213, 214, 215, 216, 218, 220, 239, 240, 241.250, 252; French 1, 2, 3, 4, 5, 10, 21, 22; History 7, 86; Humanities 1, 60, 61; Italian 1, 2, 10, 21, 22;
Japanese 1, 2, 3, 4, 21, 22; Music 101, 111, 121, 122, 132, 136, 141, 181-184, 201, 202, 201, 321-324, 341, 411-413, 521, 563, 601-604, 611, 621-
624, 631-634, 650-654, 731, 733, 734, 741, 775; Philosophy 1, 12, 14, 19, 20, 31, 33; Photography 10, 121; Spanish 1, 2, 3, 4, 5, 6, 9, 12, 16, 35, 36;
Speech 135; Theater Arts 100, 200, 505

AREA D. LANGUAGE AND RATIONALITY SKILLS (12 units required)

Note: Courses that are marked with an * meet the English Competency Requirement for graduation.

1. ENGLISH COMPOSITION (3-6 units)
   Computer Applications and Office Technologies 32; English 28, 61, 62, 63, 65, 101*, 102; Journalism 101

2. COMMUNICATION AND ANALYTICAL THINKING (6-9 units)
   Business 15; Computer Applications and Office Technologies 35; Computer Science 201, 203, 208, 243; Engineering, General 102, 221; English 103; Ge-
ography 31; Geographical Information Systems 31; Health Information Technology 207; Library Science 101; Math 120 or higher (except for 185, 192, 285
and 385); Philosophy 6, 8; Reading 28, 29, 101; Speech 101, 102, 104

AREA E. HEALTH AND PHYSICAL EDUCATION (3 units required)

1. HEALTH EDUCATION (2-3 units)
   Health 2, 4, 7, 8, 11

AND

2. ONE PHYSICAL EDUCATION ACTIVITY (1 unit, unless exempt)
   Chosen from one of the following subjects:
   Physical Education, Dance Techniques, Physical Fitness and Body Movement

Note: Health 2 includes the physical education activity.

Updated 07/30/2010
EAST LOS ANGELES COLLEGE
ASSOCIATE DEGREE GENERAL EDUCATION REQUIREMENTS
PLAN B • 2010-2011

GENERAL EDUCATION REQUIREMENTS: Minimum of 18 units. 
MAJOR REQUIREMENTS: Minimum of 36 units in a single or related field. Please check college catalog for specific majors.

AREA A. NATURAL SCIENCES (3 units required)
Anthropology 101, 103; Anatomy 1; Astronomy 1, 15, 16; Biology 3, 6, 20, 25, 42, 46; Chemistry 51, 56, 65, 101; Earth Science 1; Environmental Science 1, 24; Family and Consumer Studies 21; Geography 1, 3; Geology 1, 4; Meteorology 3; Microbiology 1, 10, 20; Oceanography 1; Physics 1, 6, 7, 11, 17, 21, 22; Physiology 1; Psychology 2

AREA B. SOCIAL AND BEHAVIORAL SCIENCES (3 units required)
1. AMERICAN INSTITUTIONS (3 - 6 units)
   African-American Studies 4, 5; Chicano Studies 7, 8; History 5, 6, 11, 12, 52, 81, 82; Political Science 1

AREA C. HUMANITIES (3 units required)
American Sign Language 1, 2, 3; Anthropology 104, 121; Architecture 110, 130, 131; Art 101, 102, 103, 105, 111, 117, 118, 201, 501, 502, 700, 708; Asian-American Studies 7, 11; Broadcasting 1; Chicano Studies 37, 42, 44, 46, 51, 52, 54, 57, 58, 62; Child Development 3; Chinese 1, 2, 3, 21, 22; Dance Studies 458; Dance Techniques 419, 431, 460, 472, 481, 482, 485, 484, 485, 486, 487, 488, 490; English 102, 127, 203, 204, 205, 206, 207, 208, 211, 212, 213, 214, 215, 216, 218, 220, 239, 240, 241, 250, 252; French 1, 2, 3, 4, 5, 10, 21, 22; History 7, 86; Humanities 1, 60, 61; Italian 1, 2, 10, 21, 22; Japanese 1, 2, 3, 4, 21, 22; Music 101, 111, 121, 122, 132, 136, 141, 181-184, 201, 202, 211, 321-324, 341, 411-413, 521, 563, 601-604, 611, 621-624, 631-634, 650-654, 731, 733, 734, 741, 775; Philosophy 1, 12, 14, 19, 20, 31, 33; Photography 10, 121; Spanish 1, 2, 3, 4, 5, 6, 9, 12, 16, 35, 36; Speech 135; Theater Arts 100, 200, 505

AREA D. LANGUAGE AND RATIONALITY (12 units required)
Note: Courses that are marked with an * meet the English Competency Requirement for graduation.
1. ENGLISH COMPOSITION (3 - 6 units)
   Computer Applications and Office Technologies 32; English 28, 61, 62, 63, 65, 101*, 102; Journalism 101
2. COMMUNICATION AND ANALYTICAL THINKING (6 - 9 units)
   Business 15; Computer Applications and Office Technologies 35; Computer Science 201, 203, 208, 243; Engineering, General 102, 221; English 103; Geography 31; Geographical Information Systems 31; Health Information Technology 207; Library Science 101; Math 120 or higher (except for 185, 192, 285 and 385); Philosophy 6, 8; Reading 28, 29, 101; Speech 101, 102, 104

AREA E. HEALTH AND PHYSICAL EDUCATION (3 units required)
1. HEALTH EDUCATION (2-3 units)
   Health 2, 4, 7, 8, 11
AND
2. ONE PHYSICAL EDUCATION ACTIVITY (1 unit, unless exempt)
   Chosen from one of the following subjects:
   Physical Education, Dance Techniques, Physical Fitness and Body Movement

Note: Health 2 includes the physical education activity.

Updated 07/30/2010
**AREA 1 – ENGLISH COMMUNICATION**

**UC Requirement:** Two courses, one each from Group A and B.

**CSU Requirement:** Three courses, one each from Group A, B, and C.

- **Group A:** English Composition (3 semester or 4-5 quarter units)  . . . . . . . . . . . . . . . . . . . . . . . . . English 101
- **Group B:** Critical Thinking (3 semester or 4-5 quarter units)  . . . . . . . . . . . . . . . . . . . . . . . . . . . . .English 102, 103
- **Group C:** Oral Communication - CSU requirement only (3 semester or 4-5 quarter units)  . . . . . . . . . . . . . .Speech 101, 102, 104

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**AREA 2 – MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING**

**Required:** One course (3 semester or 4-5 quarter units)

General Engineering 221; Math 227, 235, 236, 245, 260, 261, 262, 263, 270, 275, 2800, 284

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**AREA 3 – ARTS AND HUMANITIES**

**Required:** Three courses (9 semester or 12-15 quarter units)

- **Note:** One course must be taken from the Arts and one course must be taken from the Humanities.

- **ARTS:** Art 101, 102, 103, 105, 111; Chicano Studies 51, 52, 54, 58; Dance Studies 458; Music 111, 121, 122, 141; Photography 121; Theater Arts 100, 505
- **HUMANITIES:** American Sign Language 3§; Anthropology 104, 132; Art 118; Asian-American Studies 3, 11; Chicano Studies 37, 42 (same as Spanish 12), 44 (same as Spanish 16), 46, 51, 57, 62; Chinese 3; English 102, 203, 204, 205, 206, 207, 211, 212, 213, 214, 215, 216, 218, 220, 239, 240, 241, 250, 252; French 3, 4, 5, 10; History 10, 20, 60, 7 (same as Philosophy 33), 110, 120, 820, 86; Humanities 1, 60; Italian 10; Japanese 3, 4; Philosophy 1, 12, 14, 19, 20, 31, 33; Spanish 3, 4, 5, 6, 9, 12, 16

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**AREA 4 – SOCIAL AND BEHAVIORAL SCIENCES**

**Required:** At least three courses from two academic disciplines (9 semester or 12-15 quarter units)

Administration of Justice 1*, 2*; African-American Studies 4, 5; Anthropology 102, 103*, 104, 121*; Asian-American Studies 1, 7; Chicano Studies 2, 3, 7, 8, 19, 20, 47, 80; Child Development 1; Economics 1, 2; Environmental Science 17 (same as Geography 14); Family & Consumer Studies 31 (same as Sociology 12); Geography 2, 14; History 1, 2, 5, 6, 11, 12, 81, 820, 86, 87; Italian 10; Journalism 105; Political Science 1, 2, 7; Psychology 1, 11, 41¹; Sociology 1, 2, 11, 12, 13, 21, 22

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**AREA 5 – PHYSICAL AND BIOLOGICAL SCIENCES**

**Required:** Two courses (7-9 semester or 9-12 quarter units)

One course must be taken from the Physical Sciences and one course must be taken from the Biological Sciences.

- **Note:** At least one science course must include a laboratory. Lab courses are marked with a +.

- **PHYSICAL SCIENCES:** Astronomy 1; Chemistry 56+, 65+, 101+, 102+, 201+, 211+, 212+, 221+; Earth Science 1; Geology 1, 2, 3, 15+; Meteorology 3; Physics 1+, 2*, 3+, 4+, 6+, 7*, 11+, 21+, 22+

- **BIOLOGICAL SCIENCES:** Anatomy 1; Anthropology 101, 111†; Biology 3+, 6+, 7*, 20+, 25, 46; Microbiology 1+, 20+; Oceanography 1; Psychology 1, 2

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**AREA 6A – LANGUAGE OTHER THAN ENGLISH – UC REQUIREMENT ONLY**

Proficiency equivalent to two years of high school study in the same language. May be met by completion of a Level 2 or above college foreign language course.

Courses at Level 3 or above may be double counted in Area 3B.

American Sign Language 2, 3; Chinese 2, 3; French 2, 3, 4, 5; Italian 2; Japanese 2, 3, 4; Spanish 2, 3, 4, 5, 6

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**CSU Graduation Requirement in U.S. History, Constitution and American Ideals:**

Two courses one from Group 1 and one from Group 2. These courses are not part of IGETC and may be completed prior to transfer. Courses may be double counted in Area 4

- **Group 1:** African American Studies 4, 5; Chicano Studies 7, 8; History 60, 61, 11, 12, 81, 82

- **Group 2:** Political Science 1

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**SYMBOL LEGEND:** Course is approved for area if taken this semester or later. ≠ SP00, § SP05, ¢ SP06, ^ SP07, ≠ F08, ø F09

Updated 6/10  •  IGETC1011 ver.1
### A. ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING (9 SEMESTER OR 12-15 QUARTER UNITS)

One course required from each subarea:

1. **ORAL COMMUNICATION** (3 semester or 4 quarter units)  
   - English 101, 102
2. **WRITTEN COMMUNICATION** (3 semester or 4 quarter units)  
   - English 101
3. **CRITICAL THINKING** (3 semester or 4 quarter units)  
   - English 102, 103; Philosophy 5, 6; Speech 104

### B. SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING (9 SEMESTER OR 12-15 QUARTER UNITS)

One course in subareas B1, B2, and B4, plus laboratory activity related to one of the completed science courses:

1. **PHYSICAL SCIENCE**: Astronomy 1; Chemistry 51+, 56+, 65+, 101+, 102+, 201+, 211+, 212+, 221+; Earth Science 1, 2 (lab only); Environmental Science 1; Geography 1, 3; Meteorology 3; Physics 1+, 2+, 3+, 4+, 6+, 7+, 11+, 21+, 22+
2. **LIFE SCIENCE**: Anatomy 1; Anthropology 101; Biology 3+, 6+, 7+, 25, 40+, 46; Microbiology 1+, 20+; Oceanography 1; Psychology 1+
3. **LABORATORY ACTIVITY**: Anthropology 111; Earth Science 2; Geology 6. This requirement may also be satisfied by completion of any lecture with lab course listed in Area B1 or B2 above that is marked with a +.

### C. ARTS AND HUMANITIES (9 SEMESTER OR 12-15 QUARTER UNITS)

Three courses required. One course must be taken from Arts (C1) and one course must be taken from Humanities (C2):

1. **ARTS**: Architecture 130, 131; Art 101, 102, 103, 105, 111, 118, 201, 211, 300, 313, 501, 522, 708; Asian-American Studies 11; Chicano Studies 44 (same as Spanish 16); 51, 52, 54, 58; Child Development 3, 4; Dance Studies 458; Humanities 1, 61; Music 111, 121, 122, 141, 412, 413, 650-654, 731, 741; Photography 121, 9, 16; Speech 106, 135; Theater Arts 100, 200, 232, 291, 293, 505
2. **HUMANITIES**: American Sign Language 3§; Anthropology 104; Architecture 130, 131; Asian-American Studies 11; Chicano Studies 37, 42 (same as Spanish 12), 44, 46, 57, 62; Chinese 1, 2, 3, 22; English 102, 127, 203-208, 211-216, 218, 220, 239, 240, 241, 250, 252; French 1, 2, 3, 4, 5, 10, 21, 22; History 10, 20, 60, 7; Italian 1, 2, 10, 21, 22; Japanese 1, 2, 3, 4, 21, 22; Philosophy 1, 12, 14, 19, 20, 31, 33; Spanish 1, 2, 3, 4, 5, 6, 9, 12, 16 (same as Chicano Studies 44), 35

### D. SOCIAL SCIENCES (9 SEMESTER OR 12-15 QUARTER UNITS)

Three courses required. Courses must be taken from at least two subareas.

0. **SOCIOLOGY AND CRIMINOLOGY**: Administration of Justice 2; Chicano Studies 56; Sociology 1, 2, 3, 7, 11, 13, 21, 22
1. **ANTHROPOLOGY AND ARCHAEOLOGY**: Anthropology 102, 103, 104, 1210, 132; Child Development 45
2. **ECONOMICS**: Economics 1, 2
3. **ETHNIC STUDIES**: African-American Studies 4*, 5*; Asian-American Studies 1; Chicano Studies 2, 7*, 8*, 20, 47, 56, 80; Soc 11
4. **GENDER STUDIES**: Chicano Studies 47; Sociology 22
5. **GEOGRAPHY**: Environmental Science 17 (same as Geography 14); Geography 2, 14
6. **HISTORY**: African-American Studies 4*, 5*; Chicano Studies 7*, 8*, 19; History 1, 2, 3, 4, 6*, 11*, 12*, 81*, 82*, 86, 87; Humanities 1; Italian 10
7. **INTERDISCIPLINARY SOCIAL OR BEHAVIORAL SCIENCE**: Asian-American Studies 3, 7, 11; Chicano Studies 44 (same as Spanish 16); Family & Consumer Studies 31 (same as Sociology 12); Journalism 105; Sociology 12; Spanish 9, 16
8. **POLITICAL SCIENCE, GOVERNMENT, AND LEGAL INSTITUTIONS**: Administration of Justice 1; Chicano Studies 80; Law 3; Political Science 1, 2, 7
9. **PSYCHOLOGY**: Child Development 1; Psychology 1, 11, 13, 14, 41+, 77

*Note: CSU Graduation Requirement in U.S. History Constitution and American Ideals - May be met prior to transfer by taking one U.S. History Course and Political Science 1. U.S. History courses are marked with a *. These courses are not required for certification and may be counted in Area D above. History 6 is approved if taken F09 or later.

### E. LIFELONG LEARNING AND SELF-DEVELOPMENT (3 SEMESTER OR 4-5 QUARTER UNITS)

*Note: Only one unit of DANCEST, DANCETQ, P.E., PHYS ED or PHYSFIT activity may be applied toward this area.

- Biology 25; Chicano Studies 2, 3; Child Development 15; DANCEST 452*, 814*, 822*; DANCETQ* (one activity); Environmental Science 1; Family & Consumer Studies 21, 31 (same as Sociology 12); Health 2, 4, 8, 11, 12, 15; Personal Development 20; Philosophy 19; PE 701*; Physical Education* or Physical Fitness and Body Movement* (one activity); Political Science 7; Psychology 13, 41, 43, 52, 77; Sociology 12, 21; Speech 106

**SYMBOL LEGEND**: Course is approved for this area if taken this semester or later: ∞ SP00, § SP05, ≤ F05, € SP06, ^ SP07, ≠ F08, □ F09

**Courses listed in more than one area shall not be certified in more than one area.**

Updated 6/10  •  CSUGE1011 VER.1
ENGLISH SKILLS COURSE SEQUENCE

Level I
Develops reading comprehension skills for students testing below English 21.

Level II
Reviews the basic rules of grammar, sentence development, and paragraph writing. Readings develop vocabulary and topics for writing.

Level III
Progresses from writing paragraphs to writing multi-paragraph expository essays. Grammar and reading assignments reinforce writing skills.

Level IV
Strengthens skills in writing essays in a variety of rhetorical modes. Readings serve as examples and as a basis for discussion and further writing.

Level V
A college-level Freshman composition course. Students who plan to transfer to a four-year college or university. (Meets graduation requirements for the Associate degree.)

Level VI
Courses for English majors and for all students who appreciate literature and creative writing. Intended for students who plan to transfer to four-year colleges or universities.

Δ Degree applicable for Associate degree  
* CSU transferable  
** UC:CSU transferable

Required Classes  Recommended Courses  Elective Classes

- READING 20 Effective Reading
- ENGLISH 21 English Fundamentals
- ENGLISH 26 or 57 Academic Foundations in Reading and Composition
- ∆English 28 or 60s Intermediate Reading and Composition
- **ENGLISH 101 College Reading and Composition I
- CRITICAL THINKING Select One
- **ENGL 102 College Reading and Composition II (Literature)
- **ENGL 103 Composition & Critical Thinking (Contemporary Issues)
- English Elective Courses: Creative Writing, Humanities, and Literature Courses

Assistance for students at all levels is available in the Writing Center in F5  

Learning Skills 16 Foundations of Writing
- ∆READING 25 Reading for College Success
- ∆READING 28 Literature for Pleasure
- ∆READING 29 Reading Across the Curriculum
- *READING 101 Power Reading
ENGLISH AS A SECOND LANGUAGE COURSE SEQUENCE

Fall 2010

NOTE: ESL courses are listed by levels according to ESL course sequence chart.

Level III
Low Intermediate
- Reading 82
- English 82
- English 132 (Conversation)
- English 83
- *Speech 113 (Pronunciation)

Level IV
Intermediate
- Δ Reading 84
- English 84
- *English 85
- *English 86 (Reading Across the Curriculum)
- **English 86
- *English 85 (Conversation)
- English 96 (ESL: Business Applications)
- English 135 (Conversation)
- English 136 (Conversation)
- English 96 (ESL: Business Applications)

Level V
High Intermediate
- *Reading 85
- **English 86
- *English 87 (Literature Focus)

Level VI
Advanced
- Transition to English (ENL) Course Sequence

NOTE: After completing the ESL curriculum students are advised to enroll in English 26 or they may take the ENL Assessment Test.

Required, Grammar/Writing Classes
- Reading 82
- English 82

Recommended Courses
- English 132
- *Speech 113
- **English 86

Degree applicable for Associate degree
* CSU transferable
** UC/CSU transferable

Assistance for students at all levels is available in the Writing Center in F5 104.
ENGLISH AS A SECOND LANGUAGE COURSE SEQUENCE

Spring 2011

NOTE: The following ESL class sequence will be offered in Spring 2011
ESL courses are listed by levels according to ESL course sequence chart.

**Level III**
Low Intermediate
- ESL - 3B

**Level IV**
Intermediate
- E.S.L. - 4B
- E.S.L. - 4A

**Level V**
High Intermediate
- E.S.L. - 5B
- E.S.L. - 5A

**Level VI**
Advanced
- E.S.L. - 6B
- E.S.L. - 6A
- English 87

- Required, Grammar/Writing Classes
- Recommended Courses

Students who pass E.S.L. 6A may register for English 26

Assistance for students at all levels is available in the Writing Center in F5 104.
MATH SKILLS COURSE SEQUENCE

**MATH, COMPUTER SCIENCE, SCIENCE, ENGINEERING**

- MATH 105: Arithmetic for College Students
- MATH 110: Pre-Algebra
- MATH 115: Elementary Algebra
- MATH 125: Intermediate Algebra
- MATH 120: Plane Geometry (Prerequisite for MATH 241)

- MATH 241: Trigonometry with Vectors
- MATH 260: Pre-Calculus
- MATH 261: Calculus I
- MATH 262: Calculus II
- MATH 263: Calculus III
- MATH 284: Introduction to Number Theory
- MATH 279: Linear Algebra
- MATH 280: Calculus IV
- MATH 281: Introduction to Abstract Algebra
- MATH 275: Ordinary Differential Equations
- MATH 273: Intro to Object-Oriented Programming (C++)
- MATH 173: Intro to Math Program (C++)

**ELEMENTARY EDUCATION**

- MATH 215: Principles of Mathematics I
- MATH 216: Principles of Mathematics II

**LIBERAL ARTS**

- MATH 220: Math for Liberal Arts Students
- MATH 245: College Algebra or MATH 235: Finite Math

**CSULA BUSINESS & SOCIAL SCIENCES**

- MATH 227: Statistics
- MATH 236: Calculus for Business and Social Sciences

**OTHER MAJORS**

- MATH 222: Statistics or MATH 230: Math for Liberal Arts Students or MATH 245: College Algebra See Counselor

* Math 120 is a prerequisite for Math 241.